

Catalogue of the papers and correspondence of

Martin Rivers Pollock FRS

(1914-1999)

by Timothy E. Powell and Peter Harper
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Title: Catalogue of the papers and correspondence of Martin Rivers
Pollock FRS (1914-1999), molecular biologist

Compiled by: Timothy E. Powell and Peter Harper

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GENERAL INTRODUCTION

PROVENANCE

The papers were received from Pollock in 1976 and from Julian Pollock, son, in 2000.

OUTLINE OF THE CAREER OF MARTIN RIVERS POLLOCK

Martin Rivers Pollock was born on 10 December 1914, the son of Hamilton Rivers Pollock and Eveline Morton Pollock. He attended Winchester College before gaining a place at Trinity College Cambridge in 1933 (Senior Scholarship 1936). At Cambridge he studied Medicine (pre-clinical), moving to University College Hospital Medical School, London to complete his medical training in 1937-1939. He qualified M.B., B.Chir. in 1940.

Pollock held hospital appointments at University College Hospital and Brompton Chest Hospital 1939-1941 before joining the Emergency Public Health Laboratory Service as a Bacteriologist in 1941. In 1943 he was seconded to a Medical Research Council unit to work on infective hepatitis. In 1945 Pollock was formally taken onto the staff of the Medical Research Council. He worked at the National Institute for Medical Research (NIMR), Mill Hill, London, initially under Sir Paul Fildes before being appointed Head of the Division of Bacterial Physiology in 1949. He remained at the NIMR to 1965, spending two periods (1948 and 1952-1953) studying in the laboratory of Jacques Monod at the Institut Pasteur, Paris.

Pollock had for some years been considering the possibility of establishing a unit for teaching and research in molecular biology, which would bring together bacterial genetics and biochemistry, and a number of possible locations had been evaluated. M.M. Swann, the Dean of the Faculty of Science at the University of Edinburgh, persuaded Pollock to move north and in 1965 Pollock was appointed Professor of Biology at Edinburgh. Shortly afterwards, his colleague William Hayes moved from the MRC Unit for Bacterial Genetics at Hammersmith Hospital London. Together they established at Edinburgh the Department of Molecular Biology, the first such teaching department in the world. Pollock took early retirement in 1976, moving to Dorset. He took no further active part in scientific research but maintained his growing interest in the relationship between science and art, organising a major conference on the subject in 1981. He died in December 1999.

Pollock's thirty years of scientific research from the end of the Second World War, both at the NIMR and Edinburgh University, focused on enzyme induction in bacteria. He studied the mechanism by

which beta-lactamase enzymes (particularly penicillinase) are involved in the development of bacterial resistance to antibiotics. For his contributions in this area Pollock was elected to the Fellowship of the Royal Society in 1962. In the 1970s Pollock became interested in developments in biotechnology and artificial intelligence, encouraging interdepartmental cooperation in these areas.

DESCRIPTION OF THE COLLECTION

The material in this collection is presented in the order given in the list of contents. It covers the period c 1934 to 2000.

Section A, Biographical, is very slight. It includes an obituary and a copy of Pollock's curriculum vitae. Of particular note are correspondence and papers relating to Pollock's difficulties in obtaining a visa to visit the USA in 1967 and 1970.

Section B, Medical Research Council, documents Pollock's time at the National Institute for Medical Research (NIMR), Mill Hill, London, from 1948 to 1964, shortly before his departure for Edinburgh. It is not a large section. There are copies of contributions to the Institute's annual reports from Pollock's Department of Bacterial Physiology but the single largest component is material relating to a course run at the NIMR on 'Enzymic basis of variation in Microorganisms' in the years 1961-1962. Further material relating to the day-to-day administration of the Department of Bacterial Physiology is to be found in section L, Correspondence, in Pollock's correspondence with the two Directors under whom he served, C.R. Harington and P.B. Medawar.

Section C, University of Edinburgh, is not extensive. However, it does include significant material relating to the events leading up to the establishment of the Department of Molecular Biology at Edinburgh, including the initial approaches from M.M. Swann, then Dean of the Science Faculty at Edinburgh, and subsequent material relating to the terms and conditions under which Pollock worked, staffing and accommodation. There is a little material relating to relations with other departments of the university including correspondence and papers relating to a planned 'Institute of Artificial Intelligence' that would bring together experts from a number of departments and for which Pollock was a leading advocate.

Section D, Research, offers interesting if extremely patchy coverage of Pollock's research work. There is a significant group of notes and data on research on bacterial toxins from 1941 to 1945, and some material relating to work on the 'genocycles' in the early 1950s, penicillinase in the 1960s and bacterial genetics in the early 1970s. The section also has an extensive collection of Pollock's notes on the literature, most of which appear to date from the 1960s, and a little material 1972-1973 relating to a consultancy with the Japanese company Kyowa Hakko Kogyo Co. Ltd for which he was

asked to give an expert opinion on the production of L-lysine by fermentation. Further documentation on Pollock's work on bacterial toxins and penicillinase may be found in section L, Correspondence, which includes many letters in which Pollock reports on work in progress.

Section E, Drafts and publications, presents a chronological series of drafts, published and unpublished, from an undergraduate dissertation of c 1934 to an historical account of the Department of Molecular Biology of 1986. Although it is very far from being a complete record of Pollock's output, it does indicate the progression of his scientific research over the years. There is also a significant sequence of editorial correspondence with journals and publishers.

Section F, Lectures and broadcasts, includes public and invitation lectures from 1948 to 1977. There are detailed scientific lectures outlining work in progress and overviews of the field, as well as lectures of a more general and philosophical nature considering implications and opportunities in scientific advance. There is good coverage of three of Pollock's most important lectures, the 2nd Louis Rapkine Lecture on 'The secretion of enzymes by bacteria', which he delivered in French at the University of Paris in 1960, the 3rd Griffith Memorial Lecture of the Society for General Microbiology on 'The discovery of DNA', 1970, and the 1975 J.D. Bernal Peace Library lecture on 'Freedom in Science'. There is a very slight record of Pollock's University teaching in section C. Pollock made a number of broadcasts for BBC Radio and television and educational films, and some record of this is to be found in this section.

Section G, Visits and conferences, has two main parts. The first presents a partial record of Pollock's visits and attendance at conferences from 1947. Among the visits recorded here are those to India in 1973 and 1980, to Mexico and Cuba in 1961 and Mexico in 1983, and a 'World Tour' in 1957. However, the correspondence in section L includes frequent references to visits made or planned that are not documented at all in this section, including his visits to the USA. The second main component of the section, comprising the bulk of the material, relates to a 1981 Conference on Common Denominators in Art and Science held at the University of Edinburgh. Although Pollock had retired from Edinburgh some years earlier, this conference was very much Pollock's inspiration. It brought together scientists, philosophers and artists to discuss similarities and differences between their approaches to knowledge. Pollock helped organise the conference - there is a remarkably comprehensive sequence of his correspondence with prospective speakers and participants, possible funding bodies etc - and the publication of the proceedings. At G.82 are a number of invitations to visit declined by Pollock or for which there is no evidence of acceptance. Pollock visited a number of countries to give specific lectures; some of this material can be found in section F, Lectures and broadcasts.

Section J, Politics, brings together material that reflects Pollock's political concerns in their broadest sense. He was on the Left politically and much of the material relates to his active support for

political causes associated with the Left, including the social responsibility of scientists and nuclear disarmament, as well as support for academic freedom and human rights in general. The largest body of material relates to the British Society for Social Responsibility in Science and to two bodies associated with it, the Working Group on International Responsibility of Scientists - of which Pollock was the convenor - and the Edinburgh Society for Social Responsibility in Science (ESSRS). Much of the material relating to the ESSRS concerns a 'Teach-in' on Chemical and Biological Weapons (CBW) at Edinburgh University in January 1969. The issue of CBW remained a concern of Pollock's thereafter. There is also correspondence and papers relating to the World Federation of Scientific Workers and material on human rights, freedom of speech and related issues, arranged alphabetically by country.

Section K, Non-text material, presents tape recordings of the proceedings of two conferences which Pollock helped to organise, the Edinburgh 'Teach-in' on Chemical and Biological Warfare, 24 January 1969 (J.14-J.24) and the Conference on Common Denominators in Art and Science, Edinburgh, November 1981 (G.21-G.81).

Section L, Correspondence, is by far the most substantial and comprehensive section in the collection. Pollock kept his correspondence - incoming letters and carbon copies of outgoing letters - in a single alphabetical sequence ordered by correspondent and this arrangement has been retained. It includes correspondence with some of the most distinguished biochemists, microbiologists and molecular biologists of the day, including E.P. Abraham, M. Cohn, F.H.C. Crick, E.F. Gale, W.E. van Heyningen, J. Mandelstam, J. Monod, G. Pontecorvo, R.Y. Stanier and C.H. Waddington, as well as significant correspondence with researchers who came to work under Pollock at the NIMR (including his colleague M.H. Richmond) and colleagues abroad, particularly in Hungary, to whom Pollock gave encouragement. The bulk of the correspondence is scientific in nature and dates from the 1950s and 1960s. There are exchanges of information on research in progress and planned, requests for strains and specimens of research material, scientific publications and conferences (including a number not documented in section G), arrangements for visitors working with Pollock at the NIMR etc. The correspondence sheds light on areas not covered elsewhere in the collection, thus Pollock's wartime work with the Emergency Public Health Laboratory Service in the 1940s, virtually undocumented otherwise, features in his correspondence with R. Knox. Also of note is correspondence relating to the day-to-day administration of the Department of Bacterial Physiology at the NIMR represented by correspondence with the two Directors under whom Pollock served, C.R. Harington and P.B. Medawar. Many colleagues were also friends and the letters may include personal and social news, expressions of political views and career advice.

There is also an index of correspondents

LOCATIONS OF OTHER MATERIAL

Records of the Department of Molecular Biology 1957-1993 are held by the Special Collections Division, Edinburgh University Library (reference GB 0237 Da 57 ICMB 1)

The bulk of Pollock's collection of material relating to the Edinburgh University 'Teach in' on Chemical and Biological Warfare in 1969 was given by him to the University of Bradford Department of Peace Studies.

Timothy E. Powell
Peter Harper
Bath 2002

SECTION A	BIOGRAPHICAL, A.1-A.9	1953-2000
A.1	Obituary of Pollock by R.P. Ambler, <i>The Guardian</i> , 17 February 2000.	2000
A.2	Pollock's 1973 entry for <i>Who's Who in Education</i> .	1973
A.3	Photocopy of Pollock's curriculum vitae.	c 1977
A.4	<p>Correspondence and papers <i>re</i> Pollock's application for a visa to visit the USA.</p> <p>Includes Pollock's 4pp typescript 'Memorandum on a cancellation of a U.S. visa'.</p> <p>Pollock's visa was revoked in November 1966. He appealed against the decision in 1967 as he had been invited to various research institutions and meetings in the US but his application was refused.</p> <p>Pollock was on the Left politically and his public support for a number of left-wing organisations and causes was felt to indicate Communist affiliations although Pollock strongly denied this.</p>	1966-1967
A.5	<p>Correspondence and papers <i>re</i> US visa application.</p> <p>Pollock was to visit the US in the autumn of 1970 as a UK delegate to the General Assembly of the International Union of Biological Sciences.</p> <p>In June 1970 Pollock was issued with a visa for a three week visit.</p>	1970
A.6	<p>Miscellaneous personal correspondence.</p> <p>Includes offers of Faculty post in microbial physiology at Brandeis University, Massachusetts, USA, 1955.</p>	1953-1962

Biographical

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|-----|---|-----------|
| A.7 | Miscellaneous personal correspondence. | 1965-1975 |
| | Includes correspondence <i>re</i> use of Pollock's sailing dinghy, 1965; and exchange with Nigel Calder <i>re</i> the Lysenko affair arising from Calder's book <i>Technopolis: social control of the uses of science</i> , 1969 (see also E.22). | |
| A.8 | Personal correspondence. | 1976-1982 |
| | Includes correspondence <i>re</i> Pollock's archives. | |
| A.9 | Printed leaflet for exhibition of Pollock's paintings, Warminster, Wiltshire, April 1986. | 1986 |
| | The exhibition, titled 'Self-expression through Art', featured work done 1966-1986. | |

SECTION B	MEDICAL RESEARCH COUNCIL, B.1-B.15	1948-1964
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This section documents Pollock's time at the National Institute for Medical Research (NIMR), Mill Hill, London, from 1948 to 1964. Further material relating to the day-to-day administration of the Department of Bacterial Physiology is to be found in section L, Correspondence, in Pollock's correspondence with the two Directors under whom he served, C.R. Harington and P.B. Medawar.

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| B.1 | Correspondence <i>re</i> formation of bacterial chemistry group at NIMR and the staffing thereof. | 1948 |
| B.2 | Contributions by Pollock and members of the Department of Bacterial Physiology for Annual Reports of the NIMR.

Typescript drafts. | 1951-1955 |
| B.3 | Contributions by Pollock and members of the Department of Bacterial Physiology for Annual Reports of the NIMR.

Typescript drafts. | 1956-1959 |
| B.4 | Contributions by Pollock and members of the Department of Bacterial Physiology for Annual Reports of the NIMR.

Typescript drafts. | 1960-1962 |
| B.5 | Contributions by Pollock and members of the Department of Bacterial Physiology for Annual Reports of the NIMR.

Typescript drafts. | 1963 |
| B.6 | 'The biochemical approach to the problem of drug resistance in bacteria' by Pollock and M.H. Richmond.

Typescript drafts by Pollock and M. H. Richmond, the earlier ones with extensive manuscript annotation and correction; 9pp typescript copy as sent; related correspondence.

This paper reported on developments since the previous MRC paper on the subject issued in 1951-1952. | 1963-1964 |

Medical Research Council

B.7	Contributions by Pollock and members of the Department of Bacterial Physiology for Annual Reports of the NIMR.	1964
B.8-B.14	<p>NIMR course on 'Enzymic basis of Variation in Microorganisms'.</p> <p>Papers and correspondence <i>re</i> the course.</p> <p>This course was first run at Mill Hill as a summer school in 1960. Following this Pollock was unsure as to whether it should be continued and wrote to a number of colleagues and circulated questionnaires to course participants. The course was held again, in 1961 and 1962. See also L.141.</p>	1960-1962
B.8	<p>Correspondence with colleagues.</p> <p>Those advising on the course included D.G. Catcheside, J.F. Danielli, E.F. Gale, G. Pontecorvo and D.D. Woods.</p>	1960-1961
B.9	<p>List of those taking the course; summary of responses from completed questionnaires.</p> <p>All those taking the course were asked to complete a questionnaire on the value of the course.</p> <p>The completed questionnaires are at B.10, B.11 below.</p>	1960
B.10, B.11	<p>Completed questionnaires.</p> <p>2 folders.</p>	1960
B.12	<p>Information <i>re</i> Summer School, including programme.</p> <p>Duplicated typescript.</p>	1960
B.13	<p>Course notes etc.</p> <p>Duplicated typescript.</p>	1960

Medical Research Council

- | | | |
|------|---|-----------|
| B.14 | Notices, programme, bibliography etc for 2nd Summer School.

Duplicated typescript. | 1962 |
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| B.15 | Miscellaneous shorter MRC correspondence. | 1956-1963 |

SECTION C

UNIVERSITY OF EDINBURGH, C.1-C.30

1960-1980

Pollock moved to the University of Edinburgh in 1965 as Professor of Biology and was the founder, with William Hayes, of the first teaching Department of Molecular Biology in the UK. He remained at Edinburgh until retirement in 1976.

The material is arranged as follows:

ESTABLISHMENT OF THE DEPARTMENT OF MOLECULAR BIOLOGY	C.1-C.4
APPOINTMENT, TERMS AND CONDITIONS	C.5-C.10
GENERAL CORRESPONDENCE	C.11-C.17
TEACHING	C.18-C.22
INSTITUTE OF ARTIFICIAL INTELLIGENCE	C.23-C.26
MISCELLANEOUS	C.27-C.30

University of Edinburgh

C.1-C.4 ESTABLISHMENT OF THE DEPARTMENT OF 1963-c 1970
MOLECULAR BIOLOGY

Correspondence and papers labelled 'Institute of Molecular Microbiology Project'. Material *re* Pollock and Hayes' proposal to establish an institute of molecular microbiology, offering both research and undergraduate teaching, attached to a University (possibly the University of East Anglia).

This proposal was put to the Medical Research Council in 1963 but rejected. The University of Sussex was then approached before the University of Edinburgh agreed to take the idea forward by establishing a university department. Pollock had been in close contact with Edinburgh for some years prior to this and had mooted the idea with M.M. Swann, then Head of the Science Faculty there. See C.5-C.7.

C.1	Correspondence and papers, April-August 1963.	1963
	Includes 3pp typescript 'Outlined proposal for an Institute of Molecular Microbiology' by Pollock and Hayes, 2 July 1963 and response of Sir Harold Himsworth, Head of the MRC, asking for more detailed proposals.	

C.2	Correspondence and papers, September-October 1963.	1963
	Includes draft and final copy of 'Trends and prospects in Microbial Biochemistry and Genetics' by Pollock and Hayes sent to Himsworth, 3 October; and draft and final copy of their 'Proposal for an Institute of Molecular Biology', sent in response to his reply to 'Trends and prospects', 28 October.	

C.3	Correspondence, December 1963-June 1964.	1963-1964
	Includes MRC rejection of the proposal and correspondence with the University of Sussex <i>re</i> hosting of the institute.	

University of Edinburgh

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| C.4 | <p>Application to the Wolfson Foundation for a grant to establish an Applied Microbial Genetics Unit.</p> <p>This would function in association with the Departments of Molecular Biology and Microbiology.</p> | c 1970 |
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C.5-C.10	APPOINTMENT, TERMS AND CONDITIONS	1960-1977
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Correspondence and papers in folder inscribed 'Personal & academic'. The material dates from the first approaches to Pollock in 1960 by M.M. Swann who was hoping to be able to establish a non-medical chair in microbiology, through Pollock's appointment in 1965, to his resignation in 1976.

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| C.5 | <p>Correspondence with M.M. Swann <i>re</i> possible post at Edinburgh.</p> | 1960-1963 |
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| C.6 | <p>Correspondence with M.M. Swann, February-March 1964.</p> <p>This includes negotiations <i>re</i> terms upon which Pollock might come to Edinburgh, including facilities and laboratory space.</p> | 1964 |
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| C.7 | <p>Correspondence <i>re</i> appointment, April-June 1964.</p> <p>Includes correspondence with Sir Edward Appleton, Vice-Chancellor, <i>re</i> resources being made available.</p> | 1964 |
|-----|---|------|

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| C.8 | <p>Correspondence <i>re</i> appointment.</p> <p>Includes manuscript notes for Pollock's ?farewell speech at NIMR expressing his hopes for the move to Edinburgh.</p> | 1965 |
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University of Edinburgh

C.9	Correspondence and papers <i>re</i> resignation from Edinburgh. Includes copy of Senatus special minute recording the University's thanks to Pollock, 1977. Pollock resigned in 1976, three years before official retirement.	1975-1977
C.10	Correspondence and papers <i>re</i> superannuation. Includes letter of appointment to Medical Research Council, October 1945 required for calculation of superannuation entitlement.	1965-1976
C.11-C.17	GENERAL CORRESPONDENCE General correspondence <i>re</i> departmental matters, including relations with other departments, arrangements for seminars etc.	1965-1976
C.11	Correspondence, December 1965-March 1966.	1965-1966
C.12	Correspondence, April-December.	1966
C.13	Correspondence. Correspondence <i>re</i> conferral of Personal Chair on Charlotte Auerbach, December 1966-January 1967.	1966-1967
C.14	Correspondence.	1967

University of Edinburgh

C.15	Correspondence.	1968
	Includes 'Notes on proposed telephone seminar link between Hills Road, Cambridge and Molecular Biology Department, Edinburgh' and related correspondence; and correspondence <i>re</i> university entrance in Scotland compared to England.	
C.16	Correspondence.	1969-1970
C.17	Correspondence.	1971-1976
C.18-C.22	TEACHING	1970-1975
	This is a far from comprehensive record of Pollock's university teaching. Pollock attached great importance to teaching undergraduates and this was one of the key features of the 'Institute of Molecular Biology' as originally envisaged by him.	
	There is a little further university lecturing material in Section F, Lectures.	
C.18-C.20	Mini-course on 'The evolution of Molecular Biology'.	1970-1971
	This course was taught with L. Briskman and P.G. Werskey.	
C.18	Correspondence and papers <i>re</i> content and running of the course.	1970-1971
C.19	Course material.	1971
	List of lectures; synopses; bibliographies.	
C.20, C.21	Molecular Biology Honours Class 'From Pangens to Polynucleotides'.	c 1971
	This was a short three-lecture course devised and taught by Pollock.	

University of Edinburgh

C.20	Course synopsis; manuscript notes.	c 1971
C.21	Outlines of the three lectures.	c 1971
C.22	Molecular Biology Honours Class syllabuses and reading list for the year 1975/76.	1975
C.23-C.26	INSTITUTE OF ARTIFICIAL INTELLIGENCE	1970-1971
	This was a proposal mooted in 1971 to establish a Federation or Institute of Artificial Intelligence at Edinburgh involving the three sections of the Department of Machine Intelligence and Perception and the Metamathematics Unit.	
C.23	Correspondence and papers.	1967-1971
	Includes 'Summary of discussion and agreement in Principal's room, Old College, on 19th March 1971' on the future of the Department of Machine Intelligence and Perception.	
C.24	Correspondence and papers, April.	1971
	Includes 'An outline of proposals to form the basis for an agreement to establish a Federation, Institute or School of Artificial Intelligence at Edinburgh University' drafted by Pollock.	
C.25	Correspondence and papers, May.	1971
	Negotiations on the proposed new Institute or Federation.	
C.26	Correspondence and papers, June.	1971
	Includes 'Proposed Federal Structure for the Department of Machine Intelligence and Perception, and the Metamathematics Unit'.	

University of Edinburgh

C.27-C.30	MISCELLANEOUS	1977-1980
	Material postdating Pollock's resignation from Edinburgh.	
C.27	'Proposed developments in research in the Department of Molecular Biology', October.	1979
C.28	Papers <i>re</i> over-crowding in and the space requirements of the Department of Molecular Biology.	1979-1980
C.29	List of staff of the Department of Molecular Biology; list of research topics.	1980
C.30	'Epistemics'. Contents of Pollock's folder so inscribed: correspondence and papers relating to the School of Epistemics established at Edinburgh University after Pollock's departure.	1977-1978

SECTION D	RESEARCH, D.1-D.60	1941-1970s
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The material is arranged as follows:

CHRONOLOGICAL	D.1-D.37
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NOTES ON THE LITERATURE	D.38-D.56
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CONSULTANCY	D.57-D.60
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D.1-D.37	CHRONOLOGICAL	1941-1970s
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The material at D.1-D.14 appears to have originally been kept in ring binders. It is a continuous sequence of notes on experiments 1941-1945.

D.1-D.14	Manuscript notes on experiments.	1941-1945
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D.1	Notes, August.	1941
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D.2	Notes, September.	1941
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Includes typescript memoranda on tetrathionate reduction.

D.3	Notes, October.	1941
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D.4	Notes, November-December.	1941
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D.5	Notes, January-February.	1942
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D.6	Notes, March.	1942
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Research

D.7	Notes, April-June.	1942
D.8	Notes, July-September.	1942
D.9	Notes, October-December.	1942
D.10	Notes, January-March.	1943
D.11	Notes, April-June.	1943
D.12	Notes.	1944
D.13	Notes, April-June.	1945
D.14	Notes, July-August.	1945
D.15	Miscellaneous typescript and manuscript notes.	1943-c 1948
D.16	Report on research for the year 1949-1950 by Pollock.	1950
D.17-D.22	'Genocycles'. Contents of Pollock's folder so inscribed: typescript and manuscript drafts; manuscript notes etc.	c 1952
D.17	'Preliminary notes on a biochemical scheme for visualising the mechanism of heredity'. Two annotated typescript drafts by Pollock, with related correspondence.	1952

Research

D.18	Typescript drafts. 'Introduction' on penicillinase, 5pp; 'A naive speculation on the possible role of enzyme adaptation in genetics', 4pp.	c 1952
D.19	'Some aspects of drug resistance in micro-organisms'. Paginated 1-9 but with further notes on reverse of pages.	1950s
D.20	Discussion slips from Society for General Microbiology meeting. Typescript transcripts of contributions arising from papers given.	1950s
D.21, D.22	Manuscript notes and figures. 2 folders.	1950s
D.23	Graphs on work on penicillinase induction.	c 1961
D.24	Manuscript and typescript data.	c 1963
D.25	Hardback notebook. Used for notes on experiments July 1963-March 1968.	1963-1968
D.26	Typescript notes on bacterial penicillinase.	c 1964
D.27	Manuscript notes headed 'Burnet'.	?1960s

Research

D.28-D.33	<p>'Unstable Genetic States'.</p> <p>Contents of Pollock's bundle so labelled: data and graphs, miscellaneous manuscript notes on the literature, notes for lecture, jottings, bibliographical references etc.</p> <p>6 folders.</p>	<p>c 1967- c 1970</p>
D.34	<p>Papers <i>re</i> research proposal by Pollock and J.F. Wilkinson for work on enzyme production in bacteria.</p>	<p>1970</p>
D.35	<p>'The death of Prince Albert'.</p> <p>Contents of Pollock's folder so inscribed: material <i>re</i> Pollock's investigation of the cause of the death of Prince Albert from typhoid in December 1861.</p> <p>The material includes manuscript notes on the sources, correspondence 1971.</p> <p>Pollock's interest in the cause of Prince Albert's death arose from an inscription on a well in Scotland that recorded Albert drank 'of its refreshing waters' two months before his death.</p>	<p>1971</p>
D.36	<p>5pp typescript notes on 'Genetic intrusions'.</p>	<p>1970s</p>
D.37	<p>Miscellaneous manuscript and typescript notes.</p>	<p>c 1970s</p>
D.38-D.56	<p>NOTES ON THE LITERATURE</p> <p>This material is the contents of Pollock's folders of his manuscript notes on books and articles read, together with some photocopies of articles and extracts of published work, sometimes annotated by him.</p> <p>The notes are on science, molecular biology in particular, and the history of science (again, chiefly molecular biology). The sources upon which the notes are made date from the nineteenth and twentieth centuries but most of the notes themselves appear to have been made in the</p>	<p>1960s</p> <p>/...</p>

Research

/...	1960s. It was arranged by Pollock in an alphabetical sequence by author and this arrangement has been preserved in the catalogue entries.
D.38	A.-B.
D.39	C.
D.40	D.-F.
D.41-D.43	G. 3 folders.
D.44-D.46	H. 3 folders.
D.47	J.-K.
D.48, D.49	L.
D.50	M.
D.51	N.-O. Includes correspondence with R.C. Olby, April 1971.
D.52	P.-R.

Research

D.54 T.-V.

D.55 W.

D.56 Z.

D.57-D.60 CONSULTANCY

1972-1973

In 1972 Pollock was approached by the Japanese company Kyowa Hakko Kogyo Co. Ltd and asked to give an expert opinion on the production of L-lysine by fermentation. This was in connection with alleged patent infringement litigation in Japan.

Pollock submitted an affidavit on the company's behalf and was then asked to assess research results on samples of L-lysine. He did so and submitted a second affidavit in March 1973.

D.57 Correspondence *re* first affidavit, September-November. 1972

D.58 Correspondence *re* second affidavit, November 1972-April 1973. 1972-1973

Includes copy of affidavit.

D.59, D.60 Test results sent to Pollock for examination.
2 folders.

SECTION E	DRAFTS AND PUBLICATIONS, E.1-E.101	c 1934-1986
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The material is arranged as follows:

DRAFTS	E.1-E.59A
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EDITORIAL CORRESPONDENCE	E.60-E.101
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E.1-E.59A	DRAFTS	c 1934-1986
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E.1	'The Mechanism of Evolution'. Undergraduate dissertation.	c 1934-1935
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E.2	'Bacterial reduction of tetrathionate' by Pollock, R. Knox and P.G.H. Gell, <i>Nature</i> , vol 150 (July 1942), 94. Copy of issue of <i>Nature</i> inscribed on front cover 'First paper p.94'.	1942
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E.3	Page from the <i>Lancet</i> , February 1943 reporting on article by Pollock on bacterial toxins.	1943
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E.4	'Penicillinase immunology'. 2pp typescript.	1955
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E.5	'The role and properties of the inducer'. 13pp typescript.	1955
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E.6	'Comments on paper by H.W. Hughes on "The individuality of micro-organisms"'. 8pp typescript.	c 1956
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Drafts and publications

E.7	'Enzymic "de-adaptation": the stability of an acquired character on withdrawal of the external inducing stimulus', <i>Proc. Roy. Soc. Lond. B</i> , vol 148 (1958), 340-352. Off-print only.	1958
E.8	'The basis of chemotherapeutic action', <i>Science and Health</i> . Off-print only.	1959
E.9, E.10	'Physiological adaptation in microorganisms', <i>The Scientific Basis of Medicine Annual Reviews</i> (1962), 34-56.	1962
E.9	17pp typescript draft.	1962
E.10	Off-print.	1962
E.11	'Penicillinase <i>In Vitro</i> and <i>In Vivo</i> : some physiological and evolutionary considerations'. 8pp typescript + references, annotated 'Not for publication'.	1964
E.12	'Man as a subject for Science'. Photocopy of 4pp typescript critique of A.J. Ayer's published lecture of the same title.	c 1964
E.13	'What is a micro-organism', <i>New Scientist</i> , 9 September 1965, 637-639. Copy of article as published.	
E.14	'Obituary. Mary Barber'. Copy of obituary as published. Journal not identified.	1965

Drafts and publications

E.15-E.18	'The biochemistry and function of penicillinase' with N. Citri, <i>Advances in Enzymology</i> , vol 28 (1966).	1966
E.15	Correspondence <i>re</i> commission of article and with N. Citri <i>re</i> content of the article.	1963-1965
E.16	Correspondence with N. Citri and publishers <i>re</i> the article.	1965-1966
E.17	Typescript drafts of sections of the article.	1965
E.18	Off-print.	1966
E.19	'The co-ordination in space and time of metabolically coupled bacterial enzyme systems', <i>Biochemical Journal</i> , vol 100 (1966), 41. Photocopy of article as published.	1966
E.20	'Origin of penicillinase', <i>British Medical Journal</i> , 14 October 1967, 66-67. Photocopy of this unsigned Leading Article reporting on work of Pollock.	1967
E.21	'Heritable mass conversion of a mutant, penicillinase-negative culture of <i>Bacillus cereus</i> to a positive fully de-repressed state' with Joan Fleming, <i>J. gen. Microbiol.</i> , vol 58 (1969). Marked proof copy.	1969
E.22	Review of: N. Calder, <i>Technopolis: Social Control of the Uses of Science</i> , London: McGibbon and Kee, 1969. See also A.6.	c 1969

Drafts and publications

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|------------|---|------------|
| E.22A | 'The biological significance of the penicillin and cephalosporin beta-lactamases ("penicillinase") in bacterial resistance to penicillins and cephalosporin: - some apparent anomalies', latest bibliographical reference 1969. | c 1969 |
| | Typescript draft + references. | |
| E.23, E.24 | 'Back to Pangenesis?' in eds. J. Monod and E. Borek, <i>Of Microbes and Life. Essays in Honour of André Lwoff</i> , New York: Columbia, 1971. | 1968-1970 |
| E.23 | Correspondence and papers <i>re</i> contributions to and preparation of the Festschrift. | 1968-1970. |
| | The principal correspondents are Monod and Borek. | |
| E.24 | Background material including Pollock's manuscript notes on work of Lwoff. | |
| E.25-E.27 | 'The evolution of centres of communication (information) and control in biology'. | c 1970 |
| | Material assembled in connection with planned work on this subject. | |
| E.25 | 7pp typescript 'Draft' outline; 2pp typescript 'Notes on M.R.P.'s "The evolution of centres of communication"...' by Bernard Meltzer. | |
| E.26 | Manuscript notes on 'CCCC' [Centres of Communication and Control Coordination]. | |
| E.27 | Miscellaneous background material. | |
| | Includes letter from D. Michie, 13 November 1970 <i>re</i> artificial intelligence; manuscript notes. | |
| E.28 | 'Introduction' beginning 'Human beings are always seeking explanations for things'. | 1973 |
| | 4pp typescript dated January 1973. | |

Drafts and publications

E.29-E.31	'Dust to DNA'. Review of: S.W. Fox, <i>Molecular Evolution and the Origin of Life</i> , Reading: W.H. Freeman, 1972, in <i>Times Higher Educational Supplement</i> , 1973.	1973
E.29	Invitation to review; 11pp typescript 'Final version'.	
E.30	Manuscript notes, most on 'Origin of Life'.	
E.31	'Chance in evolution. Some philosophical remarks'. Photocopy 9pp typescript draft, author's name given but unclear.	
E.32	Untitled typescript beginning 'The 3-dimensional structures of sub-cellular biological systems and mechanisms for their biosynthesis are now elements of perhaps the most important next stage in Molecular Biology'. 3pp, annotated 'Review for Nature of [...] John Innes first Symposium', dated August 1973.	1973
E.33	Review of: B. Benjamin, P.R. Cox and J. Peel eds, <i>Population and the New Biology</i> , London: Academic Press, 1974, in <i>Times Higher Educational Supplement</i> , 1974. Invitation to write review (accepted); 4pp typescript.	1974
E.34	'University Art Exhibition', <i>University of Edinburgh Bulletin</i> , 14 May 1975, 5. Copy of <i>Bulletin</i> with Pollock's report on page 5.	1975
E.35	Untitled typescript beginning 'One of the most frequently used "scare" points made in debates on the hazards of genetic engineering concerns the escape-potential of dangerous recombinant entities'. 1p, dated 18 July 1976.	1976

Drafts and publications

E.36	'Obituary: Jacques Monod', <i>Trends in Biochemical Science</i> , September 1976, N208-N209. Photocopy of published article.	1976
E.37	Review of: C. Bernard, <i>Introduction à l'Étude de la Médecine Expérimentale</i> , 2nd ed. New York, 1976. 6pp typescript.	c 1976
E.38-E.40	Review of E. Scheffeniels, <i>Anti-Chance. A reply to Monod's Chance and Necessity</i> , Pergamon Press, 1976.	1977
E.38	5pp typescript dated 12 May 1977	
E.39	Correspondence with colleagues to whom Pollock circulated the draft and on the wider issue of chance in biology, July-November, 1977.	
E.40	Miscellaneous material, including manuscript outline for lecture.	
E.41	Review of: P.B. and J.S. Medawar, <i>The Life Science. Current ideas of Biology</i> , London, 1977. 3pp typescript.	1977
E.42	Letter to <i>The Times</i> on 'The Beethoven fallacy'. The letter is dated 18 October 1977. No evidence of publication.	1977
E.43-E.45	'An exciting but exasperating personality', in ed. A. Lwoff and A. Ullmann, <i>Origins of Molecular Biology: a tribute to Jacques Monod</i> , New York: Academic Press, 1978.	1977-1978
E.43	14pp typescript draft, with covering letter and copy of possible illustration.	1978

Drafts and publications

E.44	Marked proof copy.	1978
E.45	Correspondence with A. Lwoff <i>re</i> publication.	1977
E.46	'Aesthetics and scientific progress', <i>Nature</i> vol 276 (1978), 639-640. Photocopy of published article.	1978
E.47	'Master of biological research'. Review of: ed. A. Lwoff and A. Ullmann, <i>Selected Papers in Molecular Biology by Jacques Monod</i> , New York: Academic Press, 1978, in <i>Nature</i> vol 278 (1979). Photocopy of published paper.	1979
E.48-E.51	'Common denominators in Art and Science' with T. Barrett, <i>Interdisciplinary Science Reviews</i> , vol 6 (1981), 214-220. See also G.21-G.81.	1979-1981
E.48	6pp typescript with manuscript corrections, dated April 1979.	1979
E.49	7pp photocopy typescript + 3pp bibliography.	c 1980
E.50	Marked proof copy.	1981
E.51	Material <i>re</i> illustrations for the article. Lists of possible illustrations; 6 photographs for illustrations; correspondence.	1981
E.52	Letter to <i>The Times</i> on the Anthony Blunt spy scandal. 2pp typescript, undated. No evidence of publication.	c 1979

Drafts and publications

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|------------|---|-------------|
| E.53, E.54 | Letter to <i>The Guardian</i> on ITV commercials, 19 January 1981. | 1981 |
| | Pollock was angered that an ITV documentary-play 'Playing for Time' about a Jewish musician in Auschwitz concentration camp, was interrupted by 'tasteless' commercial breaks. | |
| E.53 | Copy of Pollock's article as sent to the editor and as published; copies of newspaper coverage of the TV programme and letters to <i>The Guardian</i> arising from Pollock's letter. | |
| E.54 | Correspondence arising, January-February. | |
| E.55 | 'The role of model-building in the practices of Art and Science. A method of analysing order and regulation in natural systems and artefacts', <i>Leonardo</i> . | c 1981-1982 |
| | 6pp typescript draft; corrected copies of four pages and replacement page; correspondence with publisher. | |
| E.56 | 'Preformationists and epigenesists'. Review of S.A. Roe, <i>Matter, Life and Generation</i> and translation of W. Harvey, <i>Disputations touching the Generation of Animals</i> , in <i>Times Literary Supplement</i> , 11 June 1982, 629. | 1982 |
| | 6pp typescript draft with extensive manuscript correction; copy of published article. | |
| E.57 | 'The significance of Man', <i>The Scientist</i> . | 1986 |
| | 3pp typescript with manuscript annotations; correspondence with publisher. | |
| E.58 | 'The Edinburgh Department of Molecular Biology. A brief account of its origins'. | 1986 |
| | 23pp typescript, dated August 1986. | |

Drafts and publications

E.59	'Anthropomorphism and teleology in Molecular Biology: function and purpose in the beta-lactams and their enzymes'. 7pp typescript.	N.d.
E.59A	'Early diagnosis of infective hepatitis'. 2pp typescript with note 'Lancet annotation'.	N.d.
E.60-E.101	EDITORIAL CORRESPONDENCE The material is chiefly requests to referee articles, review books or contribute to series. Presented in alphabetical order by journal or publisher.	1945-1982
E.60	<i>Annales de l'Institut Pasteur.</i> Invitation to serve on editorial board (accepted).	1969
E.61	<i>Archives of Biochemistry and Biophysics.</i> Chiefly refereeing.	1963-1968
E.62-E.65	<i>Biochemical Journal.</i> Chiefly refereeing. Also includes some correspondence on papers submitted by Pollock himself.	1950-1975
E.62	1950-1957.	
E.63	1958-1965.	
E.64	1966-1968.	

Drafts and publications

E.65	1970-1975.	
E.66	<i>Biochimica et Biophysica Acta.</i> Chiefly refereeing.	1963-1974
E.67	Blackwell Scientific Publications Ltd Book projects etc.	1964-1973
E.68	<i>British Journal of Experimental Pathology.</i> Chiefly papers submitted by Pollock.	1949-1954
E.69	<i>British Medical Bulletin.</i> Book reviews etc.	1953-1965
E.70	Cambridge University Press. Chiefly reviews of books edited by Pollock.	1965-1972
E.71	<i>Canadian Journal of Biochemistry and Physiology.</i> Refereeing.	1960
E.72	Chapman and Hall Ltd. Monograph on enzymes.	1961-1962
E.73	Clarendon Press Ltd Book projects.	1970-1974

Drafts and publications

E.74	Edinburgh University Press Book projects.	1971, 1980
E.75	Elsevier/North Holland Scientific Publishers. Possible European journal of biophysics.	1971
E.76	<i>Genetical Research</i> . Refereeing.	1970
E.77	John Wiley & Sons Ltd.	1982
E.78	<i>Journal of Bacteriology</i> . Refereeing.	1968-1971
E.79-E.82	<i>Journal of General Microbiology</i> . Papers submitted by Pollock; refereeing.	1952-1970
E.79	1952-1956.	
E.80	1957-1962.	
E.81	1963-1965.	
E.82	1966-1970.	
E.83	<i>Journal of Molecular Biology</i> . Refereeing.	1964-1973

Drafts and publications

E.84	<i>Journal of Molecular Evolution.</i>	1970-1971
	Invitation to serve on editorial board (declined); refereeing.	
E.85	<i>Journal of Pharmacy and Pharmacology.</i>	1957, 1958.
	Errors in papers.	
E.86, E.87	<i>Journal of Theoretical Biology.</i>	1961-1973
E.86	1961-1963.	
E.87	1966-1973.	
E.88	Logos Press Ltd.	1963, 1968
E.89-E.93	<i>Nature.</i>	1959-1977
	Includes refereeing; papers submitted by Pollock; editorial policy.	
E.89	1955-1959.	
E.90	1960-1967.	
E.91	1968-1969.	
E.92	1970-1973.	
E.93	1974-1977.	

Drafts and publications

E.94	<i>New Scientist.</i>	1965-1969
	Includes material <i>re</i> nomination of M.D. Lilly for <i>New Scientist</i> award, 1968.	
E.95	Pergamon Press.	1960-1971
	Chiefly papers by Pollock.	
E.96	<i>Perspectives in Biology and Medicine.</i>	1980
E.97	Royal Society.	1963-1968
	Refereeing.	
E.98	<i>Science and Health.</i>	1957-1961
	Contribution by Pollock.	
	This monograph was published by the World Federation of Scientific Workers.	
E.99-E.101	Miscellaneous shorter exchanges with scientific periodicals and publishers.	1945-1982, n.d.
	Chiefly requests to write or referee declined by Pollock.	
	In chronological order.	
E.99	1945-1964.	
E.100	1965-1968.	
E.101	1970-1982 and n.d.	
	Includes correspondence <i>re</i> contribution to <i>The Encyclopaedia of Ignorance.</i>	

SECTION F	LECTURES AND BROADCASTS, F.1-F.123	c 1948-1977, n.d.
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The material is arranged as follows:

LECTURES	F.1-F.109
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BROADCASTS	F.110-F.123
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F.1-F.109	LECTURES	c 1948-1977, n.d.
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These are chiefly public and invitation lectures. There are also a few lectures delivered within the University of Edinburgh but these appear to be 'one-off' lectures to other departments rather than part of a regular teaching course.

Most of the material is manuscript notes for the lecture, usually giving headings of main points, examples, and some outline text. Many have indications of slides to be used, referred to by a reference number. Some of the notes have an indication of date and some include a note of the place where the lecture was delivered but comparatively few identify the precise occasion or audience.

F.1	Untitled rough lecture notes and figures, annotated '1948'.	c 1948
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The lecture notes are manuscript, the figures are ink-drawn with both manuscript and typescript text.

F.2	'Nutrition', lecture in Almroth-Wright Lecture series, St Mary's Hospital, London, 24 May 1949.	c 1949
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Correspondence, list of lectures in series, manuscript notes.

F.3	'Enzyme adaptation', 27 February 1950.	1950
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Manuscript notes.

Lectures and broadcasts

F.4	'Bacterial Enzyme Adaptation', 11 July 1950. Manuscript notes paginated [1]-8.	1950
F.5	'Enzyme adaptation', 29 September 1950. Manuscript notes.	1950
F.6	'Enzymatic Adaptation', National Institute of Medical Research. Manuscript notes paginated 1-11; appendix.	1950
F.7	'Enzyme Adaptation in Microorganisms', Copenhagen, Denmark, March 1951. Manuscript outline; 13pp typescript.	1951
F.8	'The Development of Drug Resistance by Bacteria', annotated '?1951'. 5pp typescript.	c 1951
F.9	'Analogy between enzyme adaptation and antibody production', annotated '?~1951'. Typescript outline; manuscript notes.	c 1951
F.10	'Mechanism and function of enzyme adaptation in cell metabolism', Paris, France, February 1952. Manuscript notes paginated 1-5; manuscript list of French phrases.	1952
F.11	'Some aspects of drug resistance in micro-organisms', Postgraduate Medical School, University of London, 12 March 1952. Correspondence <i>re</i> arrangements; 13pp typescript.	1952

Lectures and broadcasts

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|------|---|--------|
| F.12 | <p>'Genetics & Evolution', annotated '?1955/56'.</p> <p>Manuscript notes. Some pages headed 'Royal S. Symp'.</p> | c 1956 |
| F.13 | <p>'Quantitative changes in penicillinase production due to spontaneous mutation or induction by penicillinase', Glasgow, 3 February 1956.</p> <p>Manuscript notes.</p> | 1956 |
| F.14 | <p>'Mechanism of induced enzyme formation on micro-organisms', Department of Botany, University College London, 13 February 1957.</p> <p>Correspondence <i>re</i> arrangements; manuscript notes.</p> | 1957 |
| F.15 | <p>'The nature of enzyme induction and its possible role in physiological adaptation', New York University College of Medicine, USA, 23 November.</p> <p>Correspondence <i>re</i> arrangements; 17pp typescript; manuscript jottings.</p> | 1957 |
| F.16 | <p>'Enzyme adaptation in micro-organisms', annotated '? 1957'.</p> <p>22pp typescript + table.</p> | c 1957 |
| F.17 | <p>'Physiological adaptation', May 1958.</p> <p>Manuscript notes.</p> | 1958 |
| F.18 | <p>'Adaptative enzymes', Galton Laboratory, University College London, 1958.</p> <p>Manuscript notes.</p> | 1958 |

Lectures and broadcasts

F.19, F.20	<p>'Mechanisms for specific control of enzyme formation and their possible roles in physiological adaptation and heredity', National Institutes of Health, Bethesda, Maryland, USA, 1958.</p> <p>Two lectures in a series.</p>	1958
F.19	<p>'Lecture 1: Enzyme induction'.</p> <p>12pp typescript.</p>	
F.20	<p>'Lecture 2. Enzymic reversion and enzymic repression'.</p> <p>11pp typescript.</p>	
F.21	<p>'Environmentally-induced changes in the pattern of biochemical organisation within the cell', annotated 'UNESCO'.</p> <p>11pp typescript + references.</p>	c 1958
F.22-F.27	<p>'Specific environmental control of enzyme biosynthesis', Faculty of Medicine, University of Chile, Santiago, November 1959.</p> <p>Pollock delivered this course of five lectures under the Spanish title 'Biosintesis inducida de enzimas'.</p>	1959
F.22	<p>Poster for lecture course; introductory remarks (in Spanish); course outline.</p>	
F.23	<p>'I Adaptation in general'.</p> <p>7pp typescript; manuscript jottings of illustrations for 'Blackboard'.</p>	
F.24	<p>'Lecture II Enzyme induction (A)'.</p> <p>5pp typescript + outline.</p>	

Lectures and broadcasts

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|------------|---|-----------|
| F.25 | 'Lecture III Enzyme induction - some additions and complications'.

10pp typescript + outline; manuscript note 'Blackboard'. | |
| F.26 | 'Lecture IV Wider implications'.

6pp typescript + outline; manuscript notes. | |
| F.27 | 'Lecture V Biochemical basis of enzyme induction and repression'.

8pp typescript + outline. | |
| F.28 | Lecture on penicillinase, annotated 'Bristol'.

Manuscript notes paginated 1-5. | 1950s |
| F.29, F.30 | 'The specificity of enzyme induction', Royal Physical Society of Edinburgh symposium, May 1960. | 1960 |
| F.29 | 7pp typescript + references etc. | |
| F.30 | Tables and figures. | |
| F.31-F.35 | 'The secretion of enzymes by bacteria', 2nd Louis Rapkine Lecture, University of Paris, 1960.

The Louis Rapkine Lecture, in honour of the noted French biochemist, was instituted in 1958. The first lecture was delivered by Jacques Monod. Pollock delivered the second lecture in 1960. He spoke in French. | 1960-1961 |
| F.31 | Correspondence with Institute of Biology re arrangements. | 1960-1961 |

Lectures and broadcasts

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|------|--|-----------|
| F.32 | 18pp typescript with manuscript additions and corrections.

English language version | |
| F.33 | 16pp typescript with manuscript additions and corrections.

French language version. | |
| F.34 | Manuscript and typescript drafts for slides.

Also includes list of slides for the lecture. | |
| F.35 | Manuscript notes. | |
| F.36 | 'Physiological adaptation in micro-organisms', British Postgraduate Medical Federation, University of London, 10 November 1960.

Poster listing lectures at the British Postgraduate Medical Federation; correspondence, chiefly <i>re</i> publication of Pollock's lecture. | 1960-1962 |
| F.37 | 'How do large molecules get through small holes?', Medical Research Club, December 1960.

Manuscript notes. | 1960 |
| F.38 | 'The roles of mutation and of enzyme adaptation in the development of drug resistance by bacteria'.

11pp typescript + figures. | c 1960 |
| F.39 | 'Enzymic behaviour of individual cells', annotated '?~1962'.

Manuscript notes. | c 1962 |

Lectures and broadcasts

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|------|---|--------|
| F.40 | <p>'Physiological adaptation', annotated '?~1962'.</p> <p>Manuscript notes.</p> | c 1962 |
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| F.41 | <p>'Bacterial resistance to the penicillins', Warsaw, Poland, 17 May 1963.</p> <p>Manuscript notes.</p> <p>See also G.12A.</p> | 1963 |
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| F.42 | <p>'The natural history of an enzyme: bacterial penicillinase', Woods Hole, USA, 1963.</p> <p>19pp typescript.</p> | 1963 |
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| F.43 | <p>Lecture to the Nicholas Society, Slough, 26 February and to course for 'Dipl. Clin. Path.' students, Postgraduate Medical School, London, 13 May 1964.</p> <p>Correspondence <i>re</i> arrangements for lecture to students taking Diploma in Clinical Pathology course; notes on index cards.</p> | 1964 |
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| F.44 | <p>'Penicillin & cephalosporin - destroying enzymes', New York, USA, 27 October 1964.</p> <p>Manuscript notes.</p> | 1964 |
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| F.45 | <p>'Control and structural mutations in <i>B. licheniformis</i> Penicillinase', Pittsburgh, USA, 30 October 1964.</p> <p>Manuscript notes.</p> | 1964 |
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| F.46 | <p>'Mutant Penicillinases, antibodies & evolution', 30 March 1965.</p> <p>Manuscript notes.</p> | 1965 |

Lectures and broadcasts

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|------|---|------------|
| F.47 | <p>'The concept of organism in microbiology', British Association for the Advancement of Science, Cambridge, 1965.</p> <p>4pp duplicated typescript with extensive manuscript annotation.</p> | 1965 |
| | | |
| F.48 | <p>'Concept of organism' and 'Concept of organism in (Micro-)biology', annotated 'Glasgow, Oxford, Palermo' and '16.2.66 to 10.4.67'.</p> <p>Manuscript notes.</p> <p>This lecture was delivered under the two slightly different titles on at least three occasions.</p> | 1966-1967 |
| | | |
| F.49 | <p>'Specific control mechanisms in enzyme biosynthesis', annotated 'Honours Biochem. Edinburgh May '66'.</p> <p>Manuscript notes for Edinburgh; exchange <i>re</i> giving lecture at Aberdeen University in 1966.</p> | 1965, 1966 |
| | | |
| F.50 | <p>'Multiple forms of bacterial penicillinases', New York, USA, 3 October 1966.</p> <p>Manuscript notes.</p> | 1966 |
| | | |
| F.51 | <p>'Evolution of control. Mechanisms in enzyme biosynthesis', Montpellier, France, 29 October 1966.</p> <p>Manuscript notes. See also L.444.</p> | 1966 |
| | | |
| F.52 | <p>'What is molecular biology?', Inaugural Lecture, University of Edinburgh 1966.</p> <p>1p typescript 'Preamble' (incomplete and crossed out);
15pp typescript with extensive manuscript corrections</p> | 1966 |

Lectures and broadcasts

F.53	<p>'Speculations on the [?] structural basis for control of enzyme synthesis & function in bacteria', Cambridge Biochemical Society, 5 July, Glasgow, 12 October 1966, Bristol University Biochemical Society, January 1967 and Sheffield University Biochemical Society, 10 February 1967.</p> <p>Manuscript notes for lecture in Cambridge and Glasgow; correspondence <i>re</i> arrangements for lecture in Bristol and Sheffield.</p> <p>The lecture delivered at Cambridge had the title 'Multi-enzyme systems in bacteria', and that at Sheffield was also given under a slightly different title.</p>	1966, 1967
F.54	<p>'Specific control of protein biosynthesis'.</p> <p>Manuscript notes.</p>	c 1966
F.54A	<p>Lecture to University of Newcastle upon Tyne Medical School, 28 March 1967</p> <p>Brief correspondence <i>re</i> arrangements.</p>	1967
F.55	<p>'Natural history of penicillinase', Palermo, Italy, April 1967.</p> <p>Manuscript notes.</p>	1967
F.56	<p>'The origin and function of penicillinase', Almroth Wright Lecture, Wright-Fleming Institute of Microbiology, St Mary's Hospital, London, 1 May 1967.</p> <p>Correspondence <i>re</i> arrangements, 1966-1967; notice; manuscript notes.</p> <p>Pollock gave the first of the Almroth Wright Lectures for 1967.</p>	1966-1967
F.57, F.58	<p>Two lectures in series.</p> <p>Found with material at F.56.</p>	c 1967

Lectures and broadcasts

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|-------|---|--------|
| F.57 | 'Lecture I. The cell as a molecular mosaic'.

33pp typescript with manuscript annotations. | |
| F.58 | 'Lecture II. Intercellular exchange of nucleic acid'.

33pp typescript with manuscript annotations. | |
| F.59 | 'Spheres of nucleic acid interaction in micro-organisms',
Biochemistry Club, Manchester, 27 May 1968.

Manuscript notes. | 1968 |
| F.60 | 'Technology out of control? A red herring', Chaplaincy
Centre, University of Edinburgh, 8 February 1969.

Manuscript notes. | 1969 |
| F.60A | 'Unstable genetic states in micro-organisms', annotated
'Urbana Madison', 10 April 1969.

21pp typescript with manuscript annotations | 1969 |
| F.61 | 'Evolution of the B-lactamases', Umeå, Sweden, June
1969.

Manuscript notes. | 1969 |
| F.62 | 'Technopolis', Science Centre, Stirling University, 18
November 1969.

Manuscript notes. | 1969 |
| F.63 | 'The origin of life', Inter Faculty Lunch time Lecture,
University of Edinburgh, 1969 or 1970.

Two slightly different 16pp typescripts, both identified as
being given at the same occasion but dated 1969 and
1970 respectively. | c 1969 |

Lectures and broadcasts

F.64	'The biochemical uses of bacterial genetics', 1960s. 13pp typescript.	1960s
F.65	'The international responsibility of scientists', King's Building Union lunch-time talk, Edinburgh, 20 January Brief correspondence <i>re</i> arrangements; manuscript notes.	1970
F.66-F.74	'The discovery of DNA', 3rd Griffith Memorial Lecture of the Society for General Microbiology, London, 6 April 1970. The lecture was published in the <i>Journal of General Microbiology</i> in 1971.	1969-1973
F.66	Correspondence, chiefly <i>re</i> F. Griffith.	1969
F.67	Correspondence, chiefly <i>re</i> Griffith, January.	1970
F.68	Correspondence, including letters from E. Chargaff <i>re</i> DNA and S.D. Elliott <i>re</i> Griffith, February-June.	1970
F.69	Correspondence, chiefly of appreciation of the lecture following its publication, January-March.	1971
F.70	Correspondence, chiefly with R.C. Olby arising from the lecture following its publication, April-November.	1971
F.71	Correspondence chiefly with J. Lederberg <i>re</i> work of Griffith in the 1940s.	1972
F.72	Correspondence, including with J. Lederberg <i>re</i> work of Griffith, R.C. Olby and P.B. Medawar.	1973

Lectures and broadcasts

F.73, F.74	Manuscript notes etc for Griffith Lecture. 2 folders.	c 1970
F.75	'Bacterial penicillinase', Berkeley, 13 October and La Jolla, California, USA, 15 October 1970. Manuscript notes. An annotation suggests the lecture was also given in Toronto, Ottawa, Montreal and Bristol.	1970
F.76	'Genetic engineering', Edinburgh University Biological Society, 19 November 1970. Correspondence <i>re</i> arrangements.	1970
F.77	'Concept of organism', University of Edinburgh Department of Bacteriology, 24 November 1970. Exchange <i>re</i> arrangements; manuscript notes; manuscript note of 'Discussion opening Concept of Organism'.	1970
F.78	Lecture to British Society for Social Responsibility in Science, 27 November 1970. Untitled manuscript notes.	1970
F.79	'Genetic engineering', Oxford, 4 February 1971. Manuscript notes.	1971
F.80	'The function and evolution of penicillinase', Royal Society Discussion Meeting on Penicillin and Related Antibiotics, London, 20 May 1971. 2pp typescript summary; manuscript notes.	1971

Lectures and broadcasts

F.81	Lecture to Genetics Society, Sheffield, 16 July 1971. Untitled manuscript notes.	1971
F.82	'Concept of organism', lecture at Heriot-Watt University 24 November 1971 and 'Leeds Biochem' 4 February 1972. Manuscript notes, headed 'Revised version'.	1971-1972
F.83-F.85	Three lectures delivered at the Regional Research Laboratory, Hyderabad, India, 3-5 September 1973. Manuscript notes. Pollock delivered three Popular Science Lectures (see also G.14, G.15).	1973
F.83	'Lecture 1 - Origins', 3 September.	
F.84	'Lecture 2. The discovery of DNA', 4 September.	
F.85	'Lecture 3. Future possibilities', 5 September.	
F.86	'Where have we got to? In Molecular Biology', Chaplaincy Centre, University of Edinburgh, 18 October 1973. Exchange <i>re</i> arrangements; manuscript notes.	1973
F.87	'Genetic engineering', South East Scotland District, Workers Educational Association, Edinburgh, 13 February 1974. Correspondence <i>re</i> arrangements; manuscript notes.	1973-1974
F.88	'Origins and development of molecular biology', University of Manchester Institute of Science and Technology, 21 February 1974. Manuscript notes.	1974

Lectures and broadcasts

F.89, F.90	'Biological variation - genes and molecules', British Association for the Advancement of Science, Stirling University, 4 September 1974.	1974
F.89	21pp typescript + legends for figures.	
F.90	Figures.	
F.91-F.94	'From pangens to polynucleotides: the evolution of ideas on the mechanism of biological replication', Huxley Lecture, University of Birmingham, 6 March 1975. This lecture was subsequently published in <i>Perspectives in Biology and Medicine</i> , 1975.	1973-1976
F.91	28pp typescript + 3pp references and notes.	
F.92	Correspondence <i>re</i> arrangements, chiefly with J.L. Jinks.	1973-1974
F.93	Correspondence <i>re</i> arrangements, chiefly with J.L. Jinks and R.C. Olby, and publication of the lecture.	1975-1976
F.94	Miscellaneous notes etc.	
F.95	'Pencillinase', Pencillinase Workshop, Newcastle upon Tyne, April 1975. 5pp typescript. See also G.16.	1975
F.96-F.98	'Freedom in Science', J.D. Bernal Peace Library, University College London, 25 November 1975. A version of this lecture was published by Index on Censorship. See J.45, J.46	1974-1975
F.96	46pp typescript with manuscript corrections + references.	

Lectures and broadcasts

F.97	Correspondence <i>re</i> arrangements and arising.	1974-1975
F.98	Poster, manuscript notes.	
F.99	'Early approaches (to the chemical basis of heredity)', Georgetown University, Washington D.C., USA, January 1977. Manuscript notes.	1977
F.100, F.101	'The role of chance in biology: irritating irrelevancy or disturbing challenge?'	1977
F.100	16pp typescript with manuscript annotations and underlining.	
F.101	18pp typescript + references.	
F.102-F.105	Undated lectures. Manuscript notes. Presented in alphabetical order by title.	N.d.
F.102	'Actinomycin and the m-RNA hypothesis', 'Adaptation of micro-organisms and antibiotics' and 'Exo-enzyme liberation by bacteria'.	
F.103	'Genetic engineering' and 'Growth and differentiation'.	
F.104	'Human genetic engineering', 'Induced formation of enzymes', 'Molecular "mistakes" ' and 'Neutralising antibodies to B. cereus Pencillinase'.	

Lectures and broadcasts

F.105	Nutrition (typescript); 'Physiological adaptation in micro-organism'; 'The problem of enzyme secretion in bacteria'; 'Role of enzyme induction in development of drug resistance by microorganisms'; 'Some views and primitive attempts to determine the mechanism of [?exotic] enzyme liberation from bacteria'.	
F.106	Untitled lecture notes.	N.d.
F.107, F.108	Figures for slides. This material is illustrations used for slides, numbered from 510 to 1382 (not all the numbers are used), pasted to sheets of paper. Many of Pollock's lecture drafts refer to the slides used as illustrations by number. 2 folders.	N.d.
F.109	Miscellaneous figures on genetic modification.	N.d.
F.110-F.123	BROADCASTS	1964-1977
F.110	'Great Men of Science. No: 12 - "Pasteur" '. BBC Radio. Duplicated typescript. Recorded 11 December, broadcast 20-24 December	1964
F.111	'Science versus God'. Rediffusion Television. Contract for Pollock's appearance in the programme.	1967
F.112	Educational film for schoolchildren on molecular biology. Correspondence <i>re</i> arrangements, 1970; 2pp typescript of Pollock's	1970 /...

Lectures and broadcasts

- /... This was produced at the request of the Medical Research Council responding to an initiative of the Department of Education and Science. Pollock spoke on the work of the Department of Molecular Biology, University of Edinburgh.
- F.113-F.116 'Molecular Biology'. BBC Radio for Open University Science Foundation Course. 1971
- Recorded March and April, broadcast 20 May (Radio 3) and 24 May (Radio 4).
- The broadcast included preceding discussion with W.L. Bragg, R. Jones and J.C. Kendrew.
- F.113 Correspondence *re* arrangements, contract etc.
- F.114 9pp typescript 'Final draft' of Pollock's contribution.
- F.115 12pp duplicated typescript transcript.
- Pages 1-5 record the discussion preceding Pollock's talk, involving Bragg, Jones and Kendrew.
- F.116 12pp duplicated typescript transcript.
- The transcript records discussion between Bragg and Kendrew.
- F.117 Radio interview with P.M. Bhargava, Deputy Director of the Regional Research Laboratory, Hyderabad. All India Radio. 1973
- 17pp typescript transcript.
- Broadcast in part 5 September 1973.

Lectures and broadcasts

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|--------------|---|-------|
| F.118-F.120 | <p>Discussion in 'Controversy' series. BBC-2 Television.</p> <p>Broadcast 2 September 1974.</p> <p>Pollock was invited to participate in this discussion programme on the proposed moratorium on certain types of research involving genetic manipulation of living cells and viruses.</p> <p>This moratorium had been originally proposed by Paul Berg, Professor of Biochemistry at Stanford University and had received considerable scientific support.</p> | 1974 |
| F.118 | <p>Correspondence <i>re</i> programme; Pollock's manuscript notes.</p> | |
| F.119, F.120 | <p>Background information on DNA research and the proposed moratorium.</p> <p>2 folders.</p> | |
| F.121 | <p>Broadcast of studio discussion for 'Scientifically Speaking' programme. BBC Radio 3.</p> <p>25pp duplicated typescript transcript.</p> <p>Broadcast November 1974.</p> <p>This was a discussion programme considering Professor Paul Berg's proposal for a moratorium on genetic research.</p> | 1974. |
| F.122 | <p>Broadcast of studio discussion for 'Scientifically Speaking' programme. BBC Radio 3.</p> <p>Photocopy of transcript.</p> <p>Broadcast 9 April 1975.</p> <p>This programme included discussion of genetic engineering at the University of Edinburgh.</p> <p>Pollock does not appear.</p> | 1974 |

Lectures and broadcasts

F.123

'Where are you taking us? No. 3: Towards a superdrug'.
BBC Radio 4.

1976

Brief correspondence, copy of contract, 1p synopsis
dated 'Aug. 1976', titled 'Freedom in Science'.

Broadcast 31 October 1976

SECTION G	VISITS AND CONFERENCES, G.1-G.82	1947-1983
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The material covers some of Pollock's visits and attendance at conferences from 1947. The bulk of the material, however, relates to a 1981 Conference on Common Denominators in Art and Science, University of Edinburgh that Pollock helped organise. This includes an extensive sequence of correspondence with prospective speakers, participants and funding bodies. At G.82 are a number of invitations to visit declined by Pollock or for which there is no evidence of acceptance.

Pollock visited a number of countries to give specific lectures; this material can be found in section F, Lectures and broadcasts. Material relating to symposia organised by the Ciba Foundation can be found in section H.

G.1-G.20A	Visits and conferences 1947-1983	1947-1982
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G.1	Medical Research Council Unit for Chemical Microbiology Discussion Meeting on 'The Biological Action of Surface-Active Substances', 25 October 1947.	1947
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Programme; manuscript notes on proceedings.

G.2	2nd Symposium on Microbial Genetics, Istituto Italiano di Idrobiologia, Pallanza, Italy, 2-6 September 1952.	1952
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Programme; handbook of abstracts (annotated by Pollock).

Pollock spoke on 'A naive speculation on the possible role of enzyme adaptation in genetics'.

G.3	Medical Research Council Colloquium on Bacterial Genetics, 14-16 December 1954.	1954
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Correspondence and papers *re* arrangements including minutes of preceding MRC meeting on bacterial genetics 21 June, and programme.

The colloquium was held at the suggestion of the informal MRC meeting held on 21 June. Pollock helped organise the colloquium and spoke on the second afternoon.

Visits and conferences

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|---------|---|-----------|
| G.3A | <p>International Congress of Biochemistry, Brussels, Belgium, 1955.</p> <p>Correspondence <i>re</i> arrangements.</p> <p>Pollock was invited to participate in a Congress symposium on Induction or adaptation in enzymology.</p> | 1954-1955 |
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| G.4 | <p>Society of Medical Officers of Health Fever Medical Services Group meeting, 15-16 February 1957.</p> <p>Notice; programmes; manuscript notes.</p> <p>Pollock spoke on 'Development of drug resistance in micro-organisms'.</p> | |
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| G.5-G.9 | <p>World Tour, September - December 1957.</p> <p>In December 1956 Pollock was invited to attend the International Symposium on Enzyme Chemistry to be held in Japan in October 1957. He took the opportunity to combine his visit to Japan with visits prior to the Symposium to colleagues in Israel, India, China and elsewhere in the Far East. His return from Japan took Pollock to the USA, where he visited research centres throughout the country during November.</p> <p>See G.9 for Pollock's report on his travels.</p> | 1956-1958 |
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| G.5 | <p>Correspondence <i>re</i> arrangements for attendance at the International Symposium on Enzyme Chemistry, Tokyo and Kyoto, Japan, 16-23 October 1957.</p> <p>Includes funding application for visits to the USA.</p> <p>Pollock spoke on 'Precursors of bacterial penicillinase'. See also G.8.</p> | 1956-1957 |
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| G.6 | <p>Correspondence <i>re</i> arrangements for visits to colleagues in Israel, India, China, Thailand and Hong Kong.</p> | 1957-1958 |
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| G.7 | <p>Correspondence <i>re</i> arrangements for visits to colleagues in USA.</p> <p>Includes itinerary.</p> | 1957-1958 |

Visits and conferences

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|-------|---|-----------|
| G.8 | <p>Correspondence <i>re</i> publication of Pollock's paper delivered to the International Symposium.</p> <p>Includes typescript copy of discussion following Pollock's paper. See G.5.</p> | 1957-1958 |
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| G.9 | <p>'Some impressions of current research in microbiology and biochemistry obtained during brief visits to a number of countries outside Europe in the course of a world tour'.</p> <p>13pp typescript.</p> | 1958 |
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| G.10 | <p>Working Conference on 'The Genetic Control of Protein Specificity', Copenhagen, Denmark, 14-18 September 1959.</p> <p>Invitation; annotated programme; list of participants; manuscript notes on proceedings.</p> | 1959 |
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| G.11 | <p>Visit to Mexico and Cuba, 1961.</p> <p>Manuscript and typescript outlines of lectures, notice for lectures in Mexico, etc.</p> <p>Pollock lectured in Mexico on 'Adaptacion fisiológica en micro-organismos', 'Problemas de secreción de enzimas en bacterias', and in Cuba on 'Role of enzymes in physiological adaptation' and 'Specific control of enzyme formation'.</p> | 1961 |
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| G.12 | <p>Symposium on 'The Nature, Synthesis and Activity of Enzymes', Luton College of Technology, 18-19 April 1963.</p> <p>Correspondence <i>re</i> arrangements; 1p typescript abstract with manuscript corrections; programme.</p> <p>Pollock spoke on 'Control of enzyme synthesis in cells'.</p> | 1962-1963 |
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| G.12A | <p>Visit to Poland, May 1963.</p> <p>Brief correspondence <i>re</i> lecture to Society of Polish Microbiologists only.</p> <p>See also F.41.</p> | 1963 |

Visits and conferences

G.13	Unidentified meeting, April 1964. Manuscript notes on proceedings.	1964
G.14, G.15	Visit to India, 30 August-5 September 1973. Pollock was invited to India as a guest of the Indian Council for Scientific and Industrial Research with British Council support. He visited research centres around the country. While in Hyderabad Pollock gave three 'Popular Science Lectures' at the Regional Research Laboratory. See F.83-F.85 for the texts of the lectures.	1973
G.14	Itinerary for visit to India; duplicated typescript report on visit.	
G.15	Publicity material. Leaflet; invitation; newspaper cuttings reporting on Pollock's lectures.	
G.16	Workshop on Penicillinase, University of Newcastle upon Tyne, 16-18 April 1975. Brief correspondence only. See F.95 for text of Pollock's contribution.	1975
G.17	Royal Society Discussion Meeting on Penicillin 50 years after Fleming, London, 2-3 May 1979. Programme with abstracts; manuscript note. Pollock chaired one of the sessions.	1979
G.18-G.20	Visit to India, November 1980. Pollock visited Madras and Hyderabad. He lectured on Creativity in Science and Art (a two lecture series).	1980
G.18	Miscellaneous papers <i>re</i> arrangements in India etc.	

Visits and conferences

- G.19 Manuscript lecture notes for Pollock's two lectures.
- G.20 Miscellaneous manuscript and typescript notes, lists of slides.
- G.20A Visit to Mexico, early 1983. 1982
Exchange of letters *re* arrangements.
- G.21-G.81 Conference on Common Denominators in Art and Science, University of Edinburgh, 11-12 November 1981. 1979-1983

This conference was organised by Pollock and colleagues in the School of Epistemics at the University of Edinburgh. It brought together scientists, historians, philosophers and artists.

The proceedings were published, with Pollock as editor, but there was some difficulty with the recording of the discussions that followed each paper and there is significant material relating to Pollock's efforts to produce an accurate and intelligible version of what was said by each contributor.

At G.43-G.81 is an extensive sequence of correspondence, found in Pollock's expanding wallet, with possible speakers, participants and funders.

The audio cassette tapes of sessions three and four are in section K, K.5-K.8.
- G.21 Draft and final programme; list of participants.
- G.22 Manuscript notes 'Some quotes relevant to theme of conference'.
- G.23-G.28 Typescripts of papers presented at the conference.

In alphabetical order by contributor.

6 folders.

Visits and conferences

- G.29 'Some conclusions: what have we done and why have we tried to do it?' by Arthur Marwick.
- Typescript draft with extensive manuscript correction; corrected typescript version.
- G.30-G.32 Correspondence with participants *re* post-paper discussions. 1981-1982
- This chiefly relates to Pollock's efforts to produce an accurate and intelligible version of what each participant said in the discussions that followed the papers.
- 3 folders.
- G.33-G.40 Typescript drafts of discussion remarks.
- As the cassette audio recordings of proceedings could not be used to produce an accurate and intelligible text, the first transcripts had to be considerably revised and sent to the participants for their approval.
- 8 folders.
- G.41 Typescript drafts of Foreword and Acknowledgements.
- G.42 Report on the conference for the journal *Leonardo* by Christopher Cornford, November. 1981
- 8pp photocopy manuscript.
- G.43-G.81 Correspondence with prospective speakers, participants and funders. 1978-1983
- This sequence of correspondence was found in Pollock's expanding wallet, organised in an alphabetical order by dividers. This arrangement has been retained in the catalogue entries.
- G.43 A. 1980-1981
- G.44 Ba.-Bl. 1980-1982

Visits and conferences

G.45	Br.	1980-1981
G.46	Bryson, N.	1980-1981
G.47	Bu. and first name only.	1980-1981
G.48	C.	1980-1981
G.49	Davies, I.J.	1980-1983
G.50	Emmer, M.	1981-1983
G.51	E.	1980-1982
G.52	F.	1980-1981
G.53	Ga.	1980-1982
G.54	Gell, P.	1980-1982
G.55	Gregory, R.L.	1980-1982
G.56	Go.-Gu.	1980-1982
G.57	Harré, R.	1980-1982
G.58	Ha.-Hi. and first name only.	1980-1981

Visits and conferences

G.59	Holloway, J.H.	1980-1981
G.60	Keller, A.	1980-1982
G.61	Ke.-Kr.	1980-1981
G.62	Kinmont, D.	1980-1982
G.63	Knight, D.	1980-1981
G.64	<i>Leonardo</i> The editor of the journal <i>Leonardo</i> , F.J. Malina was to have participated in the Conference but died very shortly beforehand.	1980-1981
G.65	Le.-Lo.	1980-1981
G.66	Lloyd Jones, P.	1980-1982
G.67	Ma.	1979-1981
G.68	Marwick, A.	1980-1982
G.69	Me.-Mo.	1980-1982
G.70	Mermoz, G.	1980-1982

Visits and conferences

G.71	Michaelis, A.R.	1980-1982
	Michaelis was editor of <i>Interdisciplinary Science Reviews</i> which published Pollock's and T. Barrett's essay 'Common denominators in Art and Science' in volume 6 (1981). See E.48-E.51.	
G.72	N.,O.	1980-1981
G.73	P.	1980
G.74	Ra.-Re.	1980-1982
G.75	Ri.-Ro.	1979-1981
G.76	Rupke, N.A.	1980-1982
G.77	S.	1979-1980
G.78	T., V.	1980-1981
G.79	Wa.-We.	1978-1981
G.80	Wilson, C.B.	1979-1981
G.81	Wi.-Wo.	1980-1981
G.82	Miscellaneous invitations.	1951-1973
	Invitations declined or for which there is no evidence of acceptance.	

SECTION J	POLITICS, J.1-J.80	1955-1983
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This section brings together material that reflects Pollock's political concerns, in their broadest sense. He was on the Left politically and much of the material relates to his active support for political causes associated with the Left, including the social responsibility of scientists and nuclear disarmament, as well as support for academic freedom and human rights in general.

The material is arranged as follows:

ORGANISATIONS	J.1-J.58
HUMAN RIGHTS	J.59-J.78
MISCELLANEOUS CORRESPONDENCE	J.79, J.80

J.1-J.58	ORGANISATIONS
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Arranged in alphabetical order. The single largest component is material relating to the British Society for Social Responsibility in Science, including the Working Party on International Responsibility of Scientists and the Edinburgh Society for Social Responsibility in Science.

J.1-J.32	British Society for Social Responsibility in Science (BSSRS)	1969-1976
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J.1-J.12: Working Party on International Responsibility of Scientists

J.13-J.26: Edinburgh Society for Social Responsibility in Science

J.27-J.30: Science and Society Trust

J.31, J.32: Miscellaneous BSSRS material

For talks given by Pollock on the subject of international responsibility of scientists in 1970 and 1971 see F.65, F.78.

Politics

J.1-J.12	Working Group on International Responsibility of Scientists	1969-1974
	<p>The idea of a working group of the BSSRS came from correspondence in <i>Nature</i> in 1969 <i>re</i> the forced resignations of scientists in Brazil on political grounds and the resulting discussions about the sort of action that should be taken in response. Pollock's letter was published on 4 October.</p> <p>Arising from Pollock's letter and others, it was suggested that an international body should be established by the BSSRS and sister bodies in other countries in order to monitor the situation.</p> <p>In May 1970 Pollock wrote proposing that the BSSRS establish a working party on the international responsibility of scientists. After extensive correspondence with colleagues, the working party was convened in December 1970. It did not flourish and became moribund in 1971.</p>	
J.1	Correspondence <i>re</i> Brazilian scientists and wider issue of freedom of scientists, June-September.	1969
J.2	Copies of articles in <i>Nature</i> and other publications. Includes copy of Pollock's letter as published.	1969-1970
J.3	Correspondence, chiefly arising from the letters in <i>Nature</i> , October-December.	1969
J.4	Correspondence, chiefly discussing the possibility of a BSSRS working party, January-April.	1970
J.5	Papers <i>re</i> proposed working party, May. Circular letter from Pollock seeking support for the idea; manuscript list of those to whom the letter (and the follow-up letter, see J.7) was sent, with annotations indicating supporters.	1970
J.6	Letters received in reply to circular, May.	1970

Politics

J.7	Second circular letter and further replies received, June.	1970
J.8	Correspondence arising from responses to circulars, July-September.	1970
J.9	Correspondence, October-December. Includes correspondence <i>re</i> case of alleged US State Department refusal of visas to Cuban scientists. Pollock was concerned that he had been given inaccurate information on this case.	1970
J.10	Correspondence and papers.	1971, 1974
J.11	'Proposed Working Group on Restrictions to Freedom in Science'. 6pp typescript draft; manuscript notes.	c 1970
J.12	Printed background information	
J.13-J.26	Edinburgh Society for Social Responsibility in Science (ESSRS) The ESSRS was established in 1969. Pollock served on the Committee. Most of the material concerns a 'Teach-in' on Chemical and Biological Weapons (CBW) at Edinburgh University in January 1969. The issue of CBW remained a concern of Pollock's thereafter.	1969-1971
J.13	Agenda and minutes of ESSRS Committee and General meetings.	1969-1971
J.14-J.24	Edinburgh 'Teach-in' on Chemical and Biological Warfare', 24 January 1969. The tape-recordings of the proceedings of the Teach-in are at K.1-K.4.	1969

Politics

J.14	Programme of Teach-in, with manuscript notes found therewith.	1969
J.15	Transcript of 'Teach-in'. Duplicated typescript, 114pp + figure.	
J.16	Reports on the 'Teach-in'. Photocopy of 'Impressions of a teach-in' by John Lowe, 'Edinburgh University Bulletin', vol 5 (February 1969); pages from French-language journal <i>Atomes</i> , vol 24 (1969); copy of 'Edinburgh University Bulletin', vol 6 (February 1970), with Pollock's letter on the success of the 'Teach-in' on pp10-11.	1969
J.17	Correspondence and papers arising. These chiefly relate to SIPRI (Stockholm International Peace Research Institute) interest in CBW.	1969
J.18	Correspondence <i>re</i> CBW.	1969
J.19	Correspondence <i>re</i> CBW.	1970-1971
J.20-J.22	Duplicated typescript papers <i>re</i> CBW. 3 folders.	
J.23	Newspaper cuttings etc on CBW. Includes photocopies of press articles	1969-1971
J.24	Correspondence with Department of Peace Studies, University of Bradford, and others, <i>re</i> documentation of opposition to CBW.	1976 /...

Politics

- /... Includes correspondence *re* disposition of Pollock's collection of literature relating to CBW, and correspondence *re* documentation of Pollock's and others' motion on CBW to the Society for General Microbiology in 1952 (see also H.37).
- J.25 Correspondence, March-December. 1970
Includes correspondence *re* ESSRS role in the working party on international responsibility of scientists.
- J.26 'Context', vol. 1, no.1 (June/July 1970). 1970
This was the first issue of the ESSRS newsletter.
- J.27-J.30 Science and Society Trust 1970-1976
This was established by the BSSRS in 1971 as an educational charity. Pollock was a Trustee.
- J.27 Draft constitution and related correspondence. 1970
- J.28-J.30 Papers for meetings. 1971-1976
Includes a little related correspondence.
3 folders.
- J.31, J.32 Miscellaneous BSSRS material. 1976
- J.31 Questionnaire and data on attitudes to 'Pure Science'.
Material found in folder inscribed 'Pure Science forms'.
Pollock gathered this information from colleagues in Edinburgh for a paper he was preparing. It was found with the BSSRS material, although the relationship between the paper and the BSSRS is not clear.
- J.32 Miscellaneous publicity material.

Politics

Includes issues of *BSSRS Bulletin* and *Science for Peace*.

J.33 Council for Academic Freedom and Democracy 1970

Pamphlets.

J.34-J.44 Council for Science and Society 1975-1978

Material relating to the Council's Working Group on Scholarly Freedom and Human Rights. The Group met during 1976. Its Report was issued in February 1977.

Pollock was invited to join this Working Group on its formation. The convenor was J.M. Ziman.

J.34 Correspondence *re* establishment of the Working Group, 1975
November-December.

J.35 Photocopies of existing international legislation protecting 1975
scholarly freedom.

Sent to Pollock by J.M Ziman.

J.36 Correspondence and papers, January-February. 1976

Includes papers prepared by J.M. Ziman and P. Sieghart (members of the Working Group) outlining their initial thoughts on the remit of the Group; minutes of the First Meeting, 19 February.

J.37 Correspondence and papers, March-May. 1976

J.38 First draft report of the Group, April. 1976

27pp typescript with manuscript annotation by Pollock.

J.39 Correspondence and papers, June-August. 1976

Politics

J.40	Second draft report of the Group, July. Photocopy typescript and manuscript annotated 'Uncorrected'.	1976
J.41, J.42	Draft of Final Report, September. 2 folders.	1976
J.43, J.44	Correspondence and papers arising from work of the Group. 2 folders.	1976-1978
J.45-J.46	Index on Censorship	1974-1976
J.45	Miscellaneous correspondence.	1974
J.45A	Correspondence. Correspondence and papers <i>re</i> publication of text of J.D. Bernal Peace Library Lecture 'Freedom in Science' by Pollock (see F.96-F.98).	1975-1976
J.46	Draft of 'Freedom in Science'. 24pp typescript + references.	1975
J.47	J.D. Bernal Peace Library Miscellaneous correspondence and papers <i>re</i> Library activities. Pollock gave the J.D. Bernal Peace Library Lecture on 'Freedom in Science' in November 1975 (see F.96-F.98 and J.45A).	1967-1982

Politics

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|------------------|---|--------------------|
| J.48 | Medical Association for the Prevention of War | 1980, 1982 |
| | Correspondence and papers. | |
| | Pollock was a sponsor of the Association's 'Appeal on Disarmament'. | |
| J.49 | Scientists Against Nuclear Arms | c 1981-1983 |
| | Miscellaneous papers and appeals. | |
| J.50 | Society for the Protection of Science and Learning | 1969-1970 |
| | Correspondence <i>re</i> work of the Society and support for Brazilian scientists. | |
| J.51-J.57 | World Federation of Scientific Workers | 1955-1975 |
| J.51 | Correspondence and papers. | 1955-1959 |
| J.52 | Correspondence and papers <i>re</i> WFSW Conference on European Scientific Co-operation, Vienna, Austria, 16-19 April 1968. | 1968 |
| | Pollock attended the Conference. He spoke on the European Molecular Biology Organisation, published in <i>Scientific World</i> . | |
| J.53 | Correspondence and papers <i>re</i> proposed meeting between US and North Vietnamese scientists on use of chemical agents in Vietnam. | 1968 |
| J.54 | Correspondence and papers <i>re</i> concern over US use of chemical agents in Vietnam. | 1970 |

Politics

J.55	Papers and correspondence <i>re</i> appeal for support for scientific equipment for North Vietnam. Pollock was a sponsor of the appeal.	1971
J.56	Correspondence <i>re</i> plight of I. Malek and other Czechoslovak scientists.	1971-1973
J.57	Correspondence <i>re</i> conference on plight of I. Malek and other Czechoslovak scientists.	1974-1975
J.58	Other organisations Correspondence and papers <i>re</i> appeals for support etc from other political organisations.	1960-1982
J.59-J.78	HUMAN RIGHTS This is a sequence of correspondence, circular letters, campaigning newsletters etc relating to human rights abuses, support for scientific freedom etc, throughout the world. Given Pollock's well-documented interest in the protection of the freedom of scientists, there is a particular focus on the plight of scientists overseas. Following Pollock's arrangement, the material is presented alphabetically by name of the country concerned.	1955-1981
J.59	Brazil	1969-1970
J.60-J.62	Chile	1976-1981
J.60, J.61	Correspondence <i>re</i> arrest of Chilean refugee academics in Argentina. Pollock helped organise a campaign at the University of Edinburgh to appeal to the Argentinean government not to return the refugees to the Chilean authorities.	1976

Politics

J.60	Letters of protest signed by Edinburgh Professors and list of those signing.	
J.61	Letters to the press drawing attention to the protest.	
J.62	Correspondence <i>re</i> arrest of Chilean refugee academics in Argentina.	1979-1981
J.63	Cuba Includes lists of scientific literature sent to support Cuban science.	1963-1970
J.64, J.65	Czechoslovakia Correspondence <i>re</i> Czechoslovak scientists.	1970-1973
J.64	Correspondence, chiefly <i>re</i> Professor O. Wichterle.	1970
J.65	Correspondence.	1971, 1973
J.66	El Salvador	1981
J.67-J.70	Greece Correspondence and papers, chiefly <i>re</i> response of scientists to the Greek military junta's 'cleansing' of the universities. There was much support for a boycott of scientific meetings held in Greece and much of the material relates in particular to a Summer School on Molecular Biology organised by F.H.C. Crick and others to be held on the Greek island of Spetsai.	1969-1973
J.67, J.68	Correspondence, chiefly <i>re</i> Summer School in Spetsai. 2 folders.	1969

Politics

J.69	Duplicated typescript and printed material <i>re</i> situation in Greek universities and calls for a boycott.	
J.70	Chiefly circulars, newsletters etc of Greek Committee Against Dictatorship.	1970, 1973
J.71	Hungary Includes 1955 correspondence <i>re</i> export of technical equipment; correspondence 1956 <i>re</i> message of solidarity with Hungarian universities.	1955-1968
J.72	South Africa	1965, 1969
J.73-J.76	Soviet Union Chiefly <i>re</i> issues of emigration of Jewish scientists and detention of dissidents (including Zhores Medvedev) in psychiatric clinics.	1970-1980
J.73	Correspondence and papers.	1970, 1972
J.74	Correspondence and papers. Includes correspondence with J.M. Ziman and E.H.S. Burhop.	1974-1975
J.75	Correspondence and papers.	1980
J.76	Background material. Photocopies and newspapers cuttings	
J.77	USA Miscellaneous newspaper clippings and photocopies of articles.	1960s

Politics

J.78	Vietnam	1966-1974
J.79, J.80	MISCELLANEOUS	1967-1982
J.79	'Developing countries'. Contents of folder so inscribed. Papers on support for scientists and technologists in developing countries.	1967-1973
J.80	Correspondence and papers on various political issues.	1974-1982

SECTION K

NON-TEXT MATERIAL, K.1-K.8

1969, 1981

This section presents tape recordings of the proceedings of two conferences which Pollock helped to organise; the Edinburgh 'Teach-in' on Chemical and Biological Warfare', 24 January 1969 (J.14-J.24) and the Conference on Common Denominators in Art and Science, Edinburgh, November 1981 (see G.21-G.81).

K.1-K.4	Edinburgh 'Teach-in' on Chemical and Biological Warfare', 24 January 1969. Four boxed reel-to-reel tapes of proceedings. The tapes are numbered in a sequence 1-5. Number 2 is missing.	1969
K.1	Tape 1. Box inscribed on verso, 'C. & B.W. 24/1/69 Tape I. 3 3/4 IPS'.	
K.2	Tape 3. Box inscribed on verso, 'C. & B.W. 24/1/69 Tape 3. 3 3/4 IPS'.	
K.3	Tape 4. Box inscribed on verso, 'C. & B.W. 24/1/69 Tape 4. 3 3/4 IPS'.	
K.4	Tape 5. Box inscribed on verso, 'C. & B.W. 24/1/69 Tape 5. 3 3/4 IPS'.	
K.5-K.8	Conference on Common Denominators in Art and Science, University of Edinburgh, 11-12 November 1981. Four C90 audio cassette tapes of proceedings. The cassette tapes record parts of sessions 3 and 4.	1981
K.5	'Session 3 13/11/81...11.15am-12.40pm'.	

Non-text material

K.6 'Session 3 13/11/81...12.40pm-1.05pm...Session 4
2.00pm-2.45pm'.

K.7 'Session 4 2.45pm-3.30pm...3.30pm-3.50pm'.

K.8 'Session 4 4.00pm-5.30pm'.

SECTION L

CORRESPONDENCE, L.1-L.454

1941-1983

This is the largest section in the collection. Pollock kept his correspondence, which includes incoming letters and carbons of outgoing letters, arranged in a single alphabetical sequence by correspondent. This arrangement has been retained.

Although it does include extensive documentation on the progress of Pollock's research, the correspondence is not exclusively scientific in content. There are arrangements for visits made by Pollock not documented in section G, and for visitors working with Pollock at the National Institute of Medical Research (NIMR), Mill Hill, London. Many colleagues were also friends and there is personal and social news, expressions of political views and career advice.

L.1-L.7

Abraham, E.P.

1950-1974

Correspondence *re* work on antibiotics, in particular the action of penicillinase.

L.1

1950-1953.

L.2

1955.

Supply of penicillinase to Abraham for work on cephalosporins. Includes Abraham's letter of 14 January 1955 referring to 'our new crystalline antibiotic ("C")', the newly discovered cephalosporin c.

L.3

1956-1959.

Includes correspondence *re* Pollock's induction work on cephalosporin c.

L.4

1960-1964.

Includes correspondence *re* cephalosporinase.

L.5

1964-1974.

Correspondence

- | | | |
|------|--|-----------|
| L.6 | 1965-1967.

Includes correspondence <i>re</i> beta-lactamases. | |
| L.7 | 1969-1974.

Chiefly <i>re</i> beta-lactamases. | |
| L.8 | Ada, G.L.

Work on neuraminidase.

Ada worked at the Walter and Eliza Hall Institute for Medical Research, Royal Melbourne Hospital, Australia. | 1958-1961 |
| L.9 | Ad.-An. | 1951-1981 |
| L.10 | Alfoldi, L.

Includes 1974 correspondence <i>re</i> visit by Pollock to Hungary.

Alfoldi worked at the University of Szeged, Hungary, and then the Biological Research Centre of the Institute of Genetics, Hungarian Academy of Sciences. | 1956-1974 |
| L.11 | Anker, L.

Standardisation of penicillinase. | 1958-1959 |
| L.12 | An. | 1951-1975 |
| L.13 | Ar. | 1965-1969 |
| L.14 | Askonas, I.

Askonas worked at the NIMR, Mill Hill, London. | 1973 |

Correspondence

L.15	As.-At.	1946-1965
L.16	Bacon, J.S.D. Bacon was Head of the Department of Biochemistry at the Macaulay Institute for Soil Research, Aberdeen.	1959-1969
L.17, L.18	Barber, M. Professor Mary Barber worked in the Department of Bacteriology, St Thomas's Hospital Medical School and later at the Postgraduate Medical School, London. She died in 1965 and much of the later material concerns the obituary written by Pollock for the <i>J. clin. Path.</i>	1949-1966
L.17	1949-1961.	
L.18	1963-1966. Includes 9pp typescript draft of 'Inactivation of benzylpenicillin and methicillin by hospital staphylococci' by Barber and G.A.J. Ayliffe, sent to Pollock for comment; 3pp typescript of Pollock's obituary.	
L.19	Ba.	1945-1979
L.20	Beale, G.H. Beale worked at the Institute of Animal Genetics, Edinburgh.	1950-1961
L.21	Becker, R. M. Chiefly <i>re</i> penicillinase. Becker was a medical researcher working in Madison, Wisconsin.	1958-1963
L.22	Be.	1955-1965

Correspondence

L.23-L.25	Bhargava, P.M.	1958-1979
	Bhargava was an Indian colleague based at the Regional Research Laboratory in Hyderabad.	
L.23	1958-1966.	
	Chiefly <i>re</i> visits by Bhargava to Europe.	
L.24	1970-1975.	
	Includes correspondence <i>re</i> visit to Edinburgh.	
L.25	1979.	
	Correspondence and papers <i>re</i> science exhibition organised by Bhargava.	
L.26	Bi.-Bj.	1956-1967
L.27-L.31	Boman, H.G.	1962-1973
	Boman worked at the Biochemical Institute, Uppsala, then at the University of Umeå, Sweden.	
L.27	1962-1966.	
	Planned visits; penicillinase.	
L.28	1967-1968.	
	Chiefly <i>re</i> visit of Swedish colleagues of Boman to Edinburgh.	
L.29	1969.	
	Correspondence <i>re</i> joint Swedish Biochemical Society/ Swedish Society for Microbiology meeting in Umeå, 2-3 June 1969.	

/...

Correspondence

- /... Pollock attended the meeting and spoke on 'Evolution of penicillinases'.
- L.30 1971.
Includes correspondence *re* visit to Edinburgh, 1971.
- L.31 1973.
- L.32 **Bo.-Br.** 1947-1978
- L.33 **Brachet, J.** 1960-1970
Chiefly *re* visit to Edinburgh, 1970.
Brachet was Professor and Director of the Laboratoire de Cytologie et Embryologie moléculaires at the Université Libre de Bruxelles, Belgium.
- L.34 **Brenner, S.** 1955-1975
Correspondence 1955 *re* penicillinase, RNase and DNase; later correspondence chiefly *re* visits.
- L.35 **Brian, P.W.** 1956-1970
Includes correspondence *re* ecological significance of antibiotics.
Brian worked for ICI before becoming Professor of Botany successively at Glasgow and Cambridge universities.
- L.36 **Britten, R.J.** 1960-1969
Britten was based at the Carlsberg Laboratory, Copenhagen, Denmark, later moving to the Carnegie Institution of Washington D.C, USA.

Correspondence

L.37	Bunn, C.W.	1963-1965
	Correspondence <i>re</i> x-ray analysis of penicillinase.	
	Bunn was based at the Davy Faraday Research Laboratory at the Royal Institution, London.	
L.38	Burhop, E.H.S.	1973-1974
	Chiefly <i>re</i> political causes.	
L.39	Bu.	1962-1968
L.40	Cabello, J.	1959-1967
	Chiefly <i>re</i> visits to Chile.	
	Cabello was based at the School of Medicine, University of Chile.	
L.41	Ca.	1955-1966
L.42-L.44	Cantoni, G.L.	1957-1972
	Cantoni worked at the US National Institutes of Health, Bethesda, Maryland.	
L.42	1957.	
	Correspondence <i>re</i> visit by Pollock to the National Institutes of Health in May 1958.	
L.43	1958.	
	Correspondence <i>re</i> visit to the National Institutes of Health.	
L.44	1959-1972.	
	Includes correspondence <i>re</i> planned and possible visits.	

Correspondence

L.45	Catcheside, D. G.	1956-1968
	Catcheside was Professor of Microbiology at the University of Birmingham.	
L.46	Cavalli-Sforza, L. L.	1952
L.47	Chain, E.B.	1950-1975
L.48	Ch.-Ci.	1948-1976
L.49, L.50	Cinader, B.	1955-1967
	Cinader worked at the Lister Institute of Preventive Medicine, London and then at the Department of Medical Biophysics, University of Toronto, Canada.	
L.49	1955-1964.	
	Correspondence <i>re</i> visits, meetings etc.	
L.50	1965-1967.	
	Chiefly correspondence <i>re</i> preparation of book edited by Cinader <i>Antibodies to Biologically Active Molecules</i> and delays in the publication thereof.	
L.51-L.62	Citri, N.	1955-1975
	Citri worked in the Department of Bacteriology (later the Department of Molecular Biology), Hebrew University of Jerusalem, Israel. His association with Pollock dated from a year spent working on penicillinase in Pollock's laboratory at the NIMR, Mill Hill, 1955-1956.	
L.51	1955-1956.	
	Visit to work with Pollock at Mill Hill.	

Correspondence

- L.52 1957.
- Chiefly *re* paper on penicillinase by Citri.
- L.53 1958.
- Chiefly *re* work on penicillinase. Includes copy of draft paper sent to Pollock for comment.
- L.54 1959-1960.
- Penicillinase.
- L.55 1961-1962.
- Includes Pollock's comments on drafts (not surviving) sent to him for comment.
- L.56 1963.
- Chiefly work on *B. cereus* penicillinase. Includes draft sent to Pollock for comment.
- L.57 1964-1965.
- Penicillinase; comments on drafts
- L.58 1966 (1).
- L.59 1966 (2).
- Includes comments on drafts by Citri.
- L.60 1967.
- Includes data and draft on beta-lactamase work by Citri, with comments by Pollock.

Correspondence

L.61	1968-1969. Penicillinase.	
L.62	1970-1975.	
L.63	Cl.	1962-1970
L.64	Cohen, G.N. Includes correspondence <i>re</i> visit to England, 1956, and visiting French researchers. Cohen worked at the Institut Pasteur, Paris, France.	1956-1972
L.65-L.67	Cohen, S.S. Cohen was based at the University of Pennsylvania School of Medicine.	1954-1970
L.65	1954. Correspondence <i>re</i> paper by Cohen on enzyme adaptation.	
L.66	1963-1964. Chiefly visit to England by Cohen and arrangements for lecture on 'Virus-induced enzymes'.	
L.67	1966, 1970.	
L.68-L.70	Cohn, M. Cohn worked at the Institut Pasteur, Paris, France, before moving to work in the USA in 1954. He was based at Washington University in St Louis, Stanford University and later the Salk Institute for Biological Studies.	1950-1970

L.68	1950-1957.	
	Correspondence chiefly <i>re</i> scientific research on penicillinases but also including news about colleagues, social matters and visits.	
L.69	1958-1962.	
	Chiefly news on research, colleagues etc.	
L.70	1965-1970.	
	Chiefly visit of Cohn to Edinburgh 1966, planned visit of Pollock to USA 1967 and visit to the USA 1970.	
	Pollock was unable to travel to the US in 1967 because he was refused a visa. See A.4.	
L.71	Co.	1949-1982
L.72	Cr.-Cu.	1950-1971
L.73	Crick, F.H.C.	1956-1965
	Chiefly arrangements for Crick to lecture at the NIMR, Mill Hill, 5 October and Pollock to speak at Cambridge, 27 November 1956.	
L.74	Csanyi, V.	1962-1969
	Correspondence <i>re</i> work on penicillinase.	
	Csanyi worked at the University Medical School, Budapest, Hungary, though much of the correspondence dates from a year he spent in the USA, 1966-1967.	
L.75	Curle, A.	1976-1977
	Curle was Professor of Peace Studies, University of Bradford.	

Correspondence

L.76	Da.	1949-1975
L.77	Datta, N. Datta was based at the Postgraduate Medical School, London.	1965, 1967
L.78	Delaporte, B. Supply of bacillus cultures to Pollock. Delaporte worked at the Université de Paris, France.	1971-1973
L.79	De.	1958, 1969
L.80	Distillers Company (Biochemicals) Ltd Correspondence <i>re</i> supply of penicillin and penicillinase.	1949-1963
L.81	Di.-Du.	1955-1964.
L.82	Dodson, B.C. Chiefly letters sent by Dodson to Pollock keeping him informed of departmental business while he was out of the country, and correspondence <i>re</i> incoming letters received at Mill Hill following Pollock's move to Edinburgh. Mrs Dodson was Pollock's secretary at the NIMR, Mill Hill.	1962-1969
L.83	Drysdale, C.D. Correspondence <i>re</i> meeting 4 November 1966 to discuss Scottish students' access to universities in Scotland. Drysdale was an Executive Vice-Chairman of the Scottish National Party and their spokesman on university affairs.	1966

Correspondence

- L.84 **Drysdale, J.W.** 1967-1969
- Drysdale was an Assistant Professor of Physiological Chemistry at MIT. He came to work as a visiting scientist in the Department of Molecular Biology at Edinburgh in 1968-1969.
- L.85-L.88 **Dubnau, D.A.** 1960-1966
- Dubnau was an American post-doctoral researcher studying the mechanism of protein synthesis by bacterial systems. He was awarded a two year Fellowship for 1961-1963 (subsequently renewed for a further year) to work with Pollock at the NIMR, Mill Hill.
- Dubnau returned to the US to take up a post at the Albert Einstein Medical School, Yeshiva University, New York.
- L.85 1960-1961.
- Correspondence *re* possibility of researching under Pollock and financial support therefor.
- L.86 1962-1963
- Includes renewal of Fellowship for a further year.
- L.87 1964.
- Chiefly correspondence about research, personal and social news etc after Dubnau's return to the US.
- L.88 1965-1966.
- Chiefly correspondence about research, personal and social news etc.
- L.89-L.94 **Duerksen, J.D.** 1957
- Duerksen was an American researcher studying the mechanism of enzyme synthesis. He was awarded a one year Fellowship for 1958-1959 to work with Pollock at the NIMR, Mill Hill.

/...

Correspondence

- /... Duerksen returned to the US to take up a post at the University of Kansas Medical Center.
- L.89 1957-1958.
Correspondence and papers *re* application and arrangements for fellowship.
- L.90 1959-1960.
Correspondence chiefly *re* research and career after Duerksen's return to the USA.
- L.91 1961-1962.
Career and research on penicillin fixation.
- L.92 1963-1965.
Chiefly *re* penicillin fixation research.
- L.93 1966-1967.
Chiefly work on penicillinase.
- L.94 1969-1975.
Career.
- L.95-L.99 **Dyke, K.G.H.** 1964-1972
Dyke was an Australian post-doctoral researcher studying staphylococcal penicillinase. He joined Pollock's team at the NIMR, Mill Hill in 1964. Dyke subsequently moved to the Public Health Laboratory Service, Colindale, London, and then worked under J. Mandelstam in Oxford. He was appointed to a Lecturership in Microbiology at Oxford in 1968.
- L.95 1964-1965.
Correspondence *re* appointment to work under Pollock.

Correspondence

- L.96 1966-1967.
- Correspondence chiefly *re* Dyke's position on Pollock's move to Edinburgh.
- L.97 1968.
- Chiefly *re* career.
- L.98 1969.
- Correspondence and papers *re* Dyke's results on penicillinase ('An unusual constitutive mutant of *S. Aureus* PS 80').
- L.99 1969-1972.
- Research and career.
- L.100 **Ec.-El.** 1960-1976
- L.101 **Elliott, S.D.** 1958-1962
- Elliott worked in the Department of Animal Pathology, Cambridge.
- L.102 **Elsden, S.D.** 1952-1969
- Elsden worked in the Agricultural Research Council Unit of Microbiology at Sheffield University and was then appointed Director of the Food Research Institute, Norwich.
- L.103 **Elsworth, R.** 1963
- Correspondence *re* supply of samples for work on penicillinase.
- Elsworth worked at the Microbiological Research Establishment, Porton, Wiltshire.

Correspondence

L.104	En.-Ep.	1951-1967
L.105	Fa.-Fe.	1965, 1968
L.106	Fildes, P. Includes correspondence 1945 <i>re</i> work on 'tetrathionase'; and correspondence 1952 <i>re</i> Pollock's motion to the Society for General Microbiology on Chemical and Biological Warfare (see J.24) and personal disagreements arising. Sir Paul Fildes worked at the Experimental Station, Porton, Wiltshire, before moving to the Sir William Dunn School of Pathology, Oxford.	1945-1963
L.107, L.108	Fincham, J.R.S. Fincham was in the Department of Genetics, University of Leicester, then moving to the University of Leeds.	1956-1975
L.107	1956-1973.	
L.108	1974-1975.	
L.109	Fleming, J. Correspondence reporting on results. Joan Fleming was a researcher working with Pollock in the Department of Molecular Biology, Edinburgh.	1968-1982
L.110	Földes, J. Includes correspondence <i>re</i> work on <i>B. cereus</i> strains. Földes worked in the Institute for Microbiology, University of Szeged, Hungary.	1960-1964
L.111	Fo.-Fu.	1955-1958

Correspondence

- | | | |
|-------------|---|-----------|
| L.112 | Fraser, D.K. | 1968-1970 |
| | Correspondence chiefly <i>re</i> work on <i>B. cereus</i> cells, 1968, and visit to Edinburgh, 1969. | |
| | Fraser was based in the Department of Microbiology, Oregon State University, USA. | |
| L.113-L.117 | Gale, E.F. | 1948-1974 |
| | Sir Ernest Gale headed the Medical Research Council Unit for Chemical Microbiology (later the Subdepartment of Chemical Microbiology), University of Cambridge. | |
| L.113 | 1948-1950. | |
| | Includes correspondence <i>re</i> staphylococci resistance to penicillin, and summer school lectures at Cambridge on bacterial adaptation. | |
| L.114 | 1951-1956. | |
| L.115 | 1957-1959. | |
| | Includes correspondence <i>re</i> research workers, meetings of the Chemical Microbiology Committee. | |
| L.116 | 1960-1970. | |
| | Includes correspondence <i>re</i> research students, and radiopenicillin. | |
| L.117 | 1971-1974. | |
| L.118 | Garen, A. | 1960-1961 |
| | Alkaline phosphatase. | |
| | Garen worked in the Department of Biology, Massachusetts Institute of Technology, USA. | |

Correspondence

L.119	Ga.	1958-1978
L.120, L.121	Gell, P.G.H. Gell was at the Department of Experimental Pathology, University of Birmingham for most of this period.	1941-1969
L.120	1941. Includes work on research on tetrathionate.	
L.121	1950-1969.	
L.122	Ge.-Gi.	1957-1967
L.123	Glauert, A.M. Chiefly <i>re B. subtilis</i> illustration, 1960, and strains of <i>Pseudomonas saccharophilia</i> , 1962-1963. Glauert worked at the Strangeways Research Laboratory, Cambridge.	1960-1966
L.124, L.125	Glaxo Laboratories Ltd. Glaxo supplied Pollock with penicillin, cephalosporin and other substances, tested samples sent to them, and offered advice on preparation of penicillinase.	1949-1964
L.124	Glaxo Laboratories, Greenford, Middlesex.	1949-1964
L.125	Glaxo Laboratories, Stoke Poges, Buckinghamshire.	1950-1963
L.126	Gl.-Go.	1948-1974

Correspondence

- | | | |
|--------------|--|-----------|
| L.127 | Gregory, R.L. | 1969-1972 |
| | Includes correspondence <i>re</i> visits, and possible collaboration on 'Dictionary of Scientific Concepts'. | |
| | Gregory worked in the Department of Machine Intelligence and Perception, University of Edinburgh, then moved to the Brain and Perception Laboratory of the Department of Anatomy, University of Bristol. | |
| L.128 | Grossowicz, N. | 1955-1970 |
| | Includes correspondence <i>re</i> visit to Israel by Pollock in 1957. | |
| | Grossowicz worked in the Medical School, Hebrew University, Jerusalem. | |
| L.129 | Grunstein, J. | 1975-1977 |
| | Career. | |
| L.130 | Gr.-Gu. | 1956-1966 |
| L.131 | György, B. | 1956-1957 |
| | Correspondence <i>re</i> supply of <i>Serratia</i> and <i>Sarcina</i> cultures to György. | |
| | György worked in Budapest, Hungary. | |
| L.132 | Haldane, J.B.S. | 1954-1963 |
| | Correspondence chiefly <i>re</i> genetics of penicillinase, 1963. | |
| L.133, L.134 | Halvorson, H.O. | 1953-1968 |
| | Halvorson was based at the Department of Bacteriology, University of Michigan Medical School and later at the Department of Bacteriology, University of Wisconsin, USA. | |

Correspondence

- L.133 1953-1955.
- Chiefly correspondence and papers *re* work on penicillinase.
- L.134 1956-1968.
- Chiefly visits and research colleagues.
- L.135 **Handler, P.** 1964
- Possible symposium on biochemical evolution of proteins.
- L.136-L.146 **Harington, C.R.** 1945-1965
- As Pollock's Head at the National Institute for Medical Research during most of the period of Pollock's employment there, the bulk of this correspondence concerns the running of Pollock's laboratory, including requests to attend conferences, purchase and maintenance of equipment, approval of articles, visitors to the Institute etc.
- Sir Charles Harington was Director of the National Institute for Medical Research 1942-1962. He was succeeded by P.B. Medawar.
- L.136 1945-1951.
- Includes Pollock's request for a year's leave of absence to work at the Institut Pasteur, Paris, 22 June 1951.
- L.137 1952-1955.
- L.138 1956.
- L.139 1957.

Correspondence

- | | | |
|-------|--|-----------|
| L.140 | 1958. | |
| L.141 | 1959. | |
| | Includes correspondence <i>re</i> proposed course on 'The enzymic basis of variation in microorganisms' (see B.8-B.14). | |
| L.142 | 1960. | |
| L.143 | 1961. | |
| L.144 | January-April 1962. | |
| L.145 | May-July 1962. | |
| | Includes 2pp typescript memorandum by Pollock on 'The future of bacterial taxonomy', 14 May 1962. | |
| L.146 | 1963-1965. | |
| L.147 | Harris, H. | 1962-1966 |
| | Harris worked at the John Innes Institute before being appointed Professor of Pathology at the Sir William Dunn School of Pathology, Oxford. | |
| L.148 | Hastings, J.W. | 1958-1976 |
| | Hastings was at the University of Illinois, then moved to Harvard University. | |

Correspondence

L.149-L.154	Hayes, W.	1952-1975
	<p>Hayes was Director of the MRC Microbial Genetics Research Unit at the Hammersmith Hospital, London from 1957 to 1967. He worked closely with Pollock and in 1967 Hayes and staff from his Unit followed Pollock to Edinburgh where Hayes took up a Personal Chair in Molecular Genetics and helped develop the Department of Molecular Biology.</p> <p>Hayes moved to Australia in 1973.</p>	
L.149	1952-1959.	
	<p>Includes correspondence and papers <i>re</i> 'Akiba type' induced heredity change to streptomycin resistance, and course on 'Enzymic basis of variation in microorganisms'.</p>	
L.150	1960-1965.	
	<p>Includes correspondence <i>re</i> visit to Edinburgh by Hayes, 1965.</p>	
L.151	1966.	
	<p>Correspondence <i>re</i> staffing Edinburgh Department of Molecular Biology, including announcement of Hayes's Chair.</p>	
L.152	1967.	
	<p>Includes correspondence <i>re</i> arrangements for Hayes's move.</p>	
L.153	1968.	
	<p>Includes correspondence and papers <i>re</i> equipment and accommodation for Hayes and his staff.</p>	
L.154	1969-1975.	
	<p>Includes personal correspondence.</p>	

Correspondence

L.155	Hag.-Hap.	1957-1961
L.156	Har.-Hau.	1958-1969
L.157	Heatley, N.G. Heatley worked on antibiotics at the Sir William Dunn School of Pathology, Oxford.	1949-1960
L.158	Hendler, R.N. Correspondence <i>re</i> research on penicillinase, visits. Hendler was based initially at the Université Libre de Bruxelles, Belgium, later returning to the USA to work at the Laboratory of Cellular Physiology and Metabolism, National Institutes of Health, Bethesda, Maryland.	1954-1962
L.159-L.161	Henriques, S.B. and O.B. The Henriques were Brazilian scientists who left Brazil when their political affiliations made it difficult to find scientific employment. Sebastian Henriques, who had worked with Pollock at the NIMR, came to work with Pollock in the Edinburgh Department of Molecular Biology, and Olga in the Edinburgh Western General Hospital. The Henriques moved to Cuba in 1972.	1964-1974
L.159	May-June 1969. Correspondence <i>re</i> possible post at Edinburgh and S.B. Henriques' plans for book on biophysics.	
L.160	July-December 1969. Correspondence <i>re</i> post at Edinburgh.	
L.161	1972-1974.	

Correspondence

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|-------------|---|-------------|
| L.162 | Herbert, D. | c 1951-1961 |
| | Correspondence <i>re</i> work on penicillinase, visits to Porton. | |
| | Herbert worked at the Microbiological Research Department, Experimental Station, Porton, Wiltshire. | |
| L.163-L.165 | Heyningen, W.E. van | 1947-1969 |
| L.163 | 1947-1953. | |
| | Chiefly correspondence <i>re</i> Society for General Microbiology matters. | |
| L.164 | 1954. | |
| | Chiefly correspondence <i>re</i> enzyme adaptation explanation of van Heyningen's research results | |
| | Includes data from van Heyningen. | |
| L.165 | 1958-1969. | |
| | Chiefly correspondence <i>re</i> visits. | |
| | Also includes correspondence with Ruth van Heyningen. | |
| L.166 | He. | 1947-1962 |
| L.167 | Himsworth, H.P. | 1960-1967 |
| | Chiefly correspondence <i>re</i> relationship between the Medical Research Council and its staff, 1960. | |
| | Sir Harold Himsworth was Head of the MRC. Pollock and J.H. Humphrey corresponded with him about their concern that experienced scientific staff were not being able to make a contribution to MRC policy. | |
| L.168 | Hi. | 1946-1967 |

Correspondence

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|-------|--|------------|
| L.169 | Hogness, D.S. | 1962, 1970 |
| | Hogness worked at the Medical Center, Stanford University, California, USA. | |
| L.170 | Ho.-Hu. | 1944-1972 |
| L.171 | Hughes, D.E. | 1952-1970 |
| | Includes correspondence <i>re</i> spore-crushing of <i>B. cereus</i> , 1952, and cell-wall destroying enzymes, 1958. | |
| | Hughes worked at the Medical Research Council Unit for Research in Cell Metabolism, University of Sheffield (later at the University of Oxford), before moving to University College of South Wales, Cardiff as Professor of Microbiology. | |
| L.172 | Humphrey, J.H. | 1952-1974 |
| | Humphrey was a colleague of Pollock's at the NIMR, Mill Hill. | |
| L.173 | Hurwitz, J. | |
| | Correspondence and papers <i>re</i> work on actinomycin, including data and draft of paper on actinomycin D. | |
| | Hurwitz was based at the New York University School of Medicine, USA. | |
| L.174 | Imsande, J. | 1964-1972 |
| | Chiefly correspondence <i>re</i> work on penicillinase, and year in Edinburgh, 1968-1969. | |
| L.175 | Ivanovics, G. | 1955-1973 |
| | Chiefly correspondence <i>re</i> visits. | |
| | Ivanovics worked at the Microbiological Institute, Medical University, Szeged, Hungary. | |

Correspondence

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|-------|--|------------|
| L.176 | I. | 1965, n.d. |
| L.177 | Jackson, F.L.

Jackson worked at the NIMR, Mill Hill. | 1952-1956. |
| L.178 | Janczura, E.

Correspondence chiefly <i>re</i> visit of Janczura to England and Pollock to Poland 1963.

Janczura was a researcher at the State Institute of Hygiene, Warsaw, Poland. She came to work with Pollock at the NIMR in 1958-1959. | 1958-1963 |
| L.179 | Jeljaszewicz, J.

Correspondence chiefly <i>re</i> supply of reprints and penicillinase to Poland.

Jeljaszewicz was a Polish colleague at the Department of Bacteriology, Medical Academy, Poznan. | 1956-1964 |
| L.180 | Jerne, N.K.

Jerne was Chief of the Section of Biological Standardisation for the World Health Organisation in Switzerland, and later the Department of Microbiology, University of Pittsburgh, USA. | 1958-1969 |
| L.181 | Johnson, M.J.

Correspondence <i>re</i> supply of and work with radioactive penicillin.

Johnson was based at the Department of Biochemistry, University of Wisconsin, USA. | 1949-1956 |

Correspondence

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|--------------|---|-----------|
| L.182 | Johnstone, R.M. | 1950-1960 |
| | Correspondence chiefly <i>re</i> visit to NIMR, Mill Hill. | |
| | Johnstone worked at Pollock's laboratory at the NIMR during 1954-1955. She then worked at Strangeways Research Laboratory, Cambridge before taking up a post at the Research Institute, McGill-Montreal General Hospital, Canada. | |
| L.183 | J. | 1948-1953 |
| L.184 | Kacser, H. | 1956-1965 |
| | Correspondence chiefly <i>re</i> publication of proceedings of symposium on 'The Mechanism of Biological Specificity'. | |
| | Kacser was secretary of the Royal Physical Society of Edinburgh. | |
| L.185 | Kalckar, B.W. | 1953-1962 |
| | Includes correspondence with H.M. Kalckar. | |
| | Kalckar worked at the US National Institutes of Health, Bethesda, Maryland. | |
| L.186 | Kamen, M. | 1968-1969 |
| | Correspondence <i>re</i> visits. | |
| | Kamen was working at the Laboratoire de Photosynthèse of the French Centre National de la Recherche Scientifique. | |
| L.187, L.188 | Kaplan, J.G. | 1955-1975 |
| | Kaplan was a Canadian physiologist based at Dalhousie University, Halifax, Nova Scotia, and later the Department of Biology, University of Ottawa. He worked with Pollock at the NIMR, Mill Hill, for six months 1956-1957. | |

Correspondence

L.187	1955-1961. Chiefly <i>re</i> visit to Pollock's laboratory; later social and personal news.	
L.188	1962-1975. Visits to Canada by Pollock, 1962 and 1970, and to UK by Kaplan 1965.	
L.189	Ka.-Ke.	1953-1972
L.190, L.191	Kendall, P.A. Kendall was a colleague of Pollock's who spent two years working in Cuba, 1965-1967.	1965-1967
L.190	1965-1966. Correspondence <i>re</i> move to Cuba and possible employment on return to the UK.	
L.191	1967. Correspondence <i>re</i> career.	
L.192	Kendrew, J.C.	1960-1968
L.193	Keynan, A. Chiefly <i>re</i> visits. Keynan was based at the Israeli Institute for Biological Research, Ness-Ziona.	1963-1966
L.194	Ki.-Ku.	1949-1981

Correspondence

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|-------------|--|-----------|
| L.195 | Klein, H.P. | 1958-1961 |
| | Work on <i>Pseudomonas saccharophilia</i> amylase. | |
| | Klein was based at Brandeis University, Waltham, Massachusetts, USA. | |
| L.196 | Kluyver, A.J. | 1955 |
| | Possible visit to Delft by Pollock. | |
| | Kluyver was based at the Laboratorium voor Microbiologie, Technische Hogeschool, Delft, The Netherlands. | |
| L.197 | Knight, B.C.J.G. | 1952-1971 |
| | Includes correspondence <i>re</i> articles for <i>Journal of General Microbiology</i> . | |
| | Knight was Professor of Microbiology at Reading University. | |
| L.198-L.201 | Knox, R. | 1943-1967 |
| | Knox worked with Pollock in the Emergency Public Health Laboratory Service during the Second World War. After the war he continued with the Public Health Laboratory Service before being appointed to a Chair in the Department of Bacteriology, Guy's Hospital Medical School, London. | |
| L.198 | January-May 1943. | |
| | Correspondence and draft papers <i>re</i> research on tetrathionate. | |
| L.199 | June-December 1943. | |
| | Work on tetrathionate. | |

Correspondence

- L.200 1944-1948.
- Personal news, comments on and progress of papers for publication.
- L.201 1949-1967.
- Includes correspondence *re* papers on tetrathionase, 1949; meeting on work on penicillinase, 1963.
- L.202 **Knox, W.E.** 1953-1959
- Knox was based at Tufts College Medical School, Boston, Massachusetts, USA.
- L.203-L.206 **Kogut, M.** 1953-1974
- Kogut was a worker at the Agricultural Research Council's Unit for Microbiology (later Department of Microbiology), Sheffield. She did research under Pollock at the NIMR on factors affecting induced penicillinase in *B. cereus* 1953-1954.
- Kogut later moved to the Department of Biochemistry, King's College London.
- L.203 1953-1954.
- Arrangements for coming to work with Pollock.
- L.204 1955.
- Correspondence and papers arising from Kogut's research with Pollock, chiefly *re* joint paper.
- L.205 1956.
- Chiefly work on penicillinase; research workers.
- L.206 1957, 1974.

Correspondence

L.207	Kornberg, H.L.	1964-1974
L.208	Kosikov, K.V. Kosikov's letters are in Russian, with English translations by a colleague of Pollock's. Kosikov worked at the Institute of Genetics of the USSR Academy of Sciences. He researched on the biochemistry of yeasts.	1954-1962
L.209	Kunicki-Goldfinger, W.J.H. Chiefly visits of Polish colleague and Kunicki-Goldfinger to the NIMR, Mill Hill and possible visit by Pollock to Poland. Kunicki-Goldfinger worked in the Department of Microbiology, University of Warsaw, Poland.	1957-1963
L.210-L.213	Kushner, D.J. Kushner came from the Forest Biology Laboratory of the Canadian Department of Agriculture Science Service to work with Pollock on extracellular enzyme biosynthesis and excretion at the NIMR, Mill Hill, 1958-1959.	1952-1975
L.210	1952-1958. Chiefly arrangements to come to Mill Hill.	
L.211	1960. Correspondence arising from research 1958-1959; career options.	
L.212	1961. Joint paper on penicillinase.	
L.213	1962-1975.	

Correspondence

L.214-L.217	Lampen, J.O.	1959-1983
	Lampen was Director of the Institute of Microbiology, Rutgers, The State University, New Jersey, USA. In 1963-1964 he came to work with Pollock on penicillinase at the NIMR, Mill Hill. He returned to work for a year at Mill Hill in 1973.	
L.214	1959-1962.	
	Includes correspondence <i>re</i> visit by Pollock to the Rutgers' Institute of Microbiology and visit by Lampen to Mill Hill.	
L.215	1963-1964.	
	Visit to Mill Hill.	
L.216	1965-1966.	
	Work on penicillinases; visit to Edinburgh by Lampen.	
L.217	1967-1983.	
	Chiefly work on penicillinases.	
L.218	La.	1956-1974
L.219	Lederberg, J.	1956-1958
	Lederberg was Professor of Genetics, University of Wisconsin, USA.	
L.220	Levinthal, C.	1962
	Work on penicillinase production after treatment with actinomycin.	
	Levinthal was at the Department of Biology at Massachusetts Institute of Technology, USA.	

Correspondence

L.221	Le.-Lo.	1953-1967
L.222	Luckey, T.D. Luckey was Professor at the Medical Center, Department of Biochemistry, University of Missouri, USA. In 1962 he came to study penicillinase techniques at the NIMR, Mill Hill.	1960-1964
L.223	Luria, S.E.	1952-1969.
L.224, L.225	Lwoff, A.	1946-1971
L.224	1946-1952. Includes correspondence <i>re</i> Pollock's visit to the Institut Pasteur, Paris, France, in 1948 and year's study there in 1952-1953.	
L.225	1955-1971. Includes correspondence <i>re</i> researchers.	
L.226	Maas, W.K. Chiefly <i>re</i> visits to NIMR, Mill Hill, 1958 and 1963. Maas was based at the New York University College of Medicine, USA.	1958-1974
L.227	Macfarlane, M.G. Macfarlane worked at the Lister Institute of Preventive Medicine, London.	1951-1960
L.228	Mackenzie, J.S. Mackenzie was a researcher in the Institute of Animal Genetics, Edinburgh.	1965-1967

Correspondence

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|-------------|--|-----------|
| L.229 | McLaren, A.L. | 1961-1975 |
| | Chiefly <i>re</i> Pollock's article for 'Science Survey' edited by McLaren, to be published by Penguin Books. | |
| | McLaren worked at the Institute of Animal Genetics, Edinburgh. | |
| L.230 | Mac. | 1945-1972 |
| L.231 | Magasanik, B. | 1958-1960 |
| | Visits and researchers. | |
| | Magasanik was based at the Harvard Medical School. | |
| L.232 | Málek, I. | 1954-1978 |
| | Includes correspondence <i>re</i> volume of <i>Science and Mankind</i> to which Pollock contributed. | |
| | Málek was a Czechoslovak colleague. He was Honorary Secretary of the World Federation of Scientific Workers in the 1960s. See also J.56, J.57. | |
| L.233 | Mandel, H.G. | 1956-1957 |
| | Work on penicillinase. | |
| | Mandel was working at the Molteno Insitute, Cambridge | |
| L.234-L.241 | Mandelstam, J. | 1952-1981 |
| | Mandelstam came to work with Pollock at the NIMR in the early 1950s. In 1966 he was appointed Iveagh Professor of Microbiology at Oxford. | |
| L.234 | 1952-1958. | |
| | Includes arrangements to work at Mill Hill, correspondence to Pollock from visit by Mandelstam to Harvard Medical School, 1958. | |

Correspondence

- L.235 1959.
- Correspondence from Mandelstam's visit to University of Wisconsin Department of Bacteriology.
- L.236 1963-1965.
- Includes correspondence *re* joint paper to *Nature* on terminology of enzyme mutants.
- L.237 1966.
- Chiefly career.
- L.238 1967.
- L.239 1967-1968.
- Progress of research, news of colleagues etc.
- L.240 1968-1969.
- L.241 1969-1981.
- Progress of research, visits etc.
- L.242 **Manson, E.** 1952-1963
- Chiefly *re* joint paper on penicillinase 1953-1954 and visit to Pollock's laboratory 1956.
- Manson worked on penicillinase with Pollock at the NIMR.

Correspondence

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|-------------|--|-----------|
| L.243 | Markham, R. | 1965-1970 |
| | Markham worked at the Agricultural Research Council's Virus Research Unit, Cambridge before becoming Director of the John Innes Institute, Norwich. | |
| L.244 | Marmion, B.P. | 1964-1971 |
| | Marmion was based at the Microbiology Department of Monash University, Australia before moving to Edinburgh to take up the Chair in Bacteriology in the University Medical School. | |
| L.245 | Marmur, J. | 1963-1967 |
| | Chiefly taxonomy of bacteria. | |
| | Marmur worked at Brandeis Univeristy, Massachusetts, USA. | |
| L.246 | Ma.-Mi. | 1958-1976 |
| L.247-L.249 | Medawar, P.B. | 1962-1974 |
| | Medawar succeeded Sir Charles Harington as Director of the NIMR in 1962. | |
| | As Pollock's Head at the NIMR, Mill Hill, London, during the last three years of Pollock's time there, much of this correspondence concerns the running of Pollock's Department, including requests to attend conferences, purchase and maintenance of equipment, approval of articles, visitors to the Institute etc. | |
| L.247 | 1962-1963. | |
| L.248 | 1964-1965. | |
| L.249 | 1966-1974. | |
| | Includes correspondence <i>re</i> lecture by Medawar to the Edinburgh University School of Epistemics, 1973-1974. | |

Correspondence

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|-------------|--|--------------------|
| L.250 | Medvedev, Z.A. | 1957-1973 |
| | After leaving the USSR Medvedev worked for a time at the NIMR | |
| L.251-L.257 | Meltzer, B. | 1967-1982,
n.d. |
| | Much of the correspondence relates to discussion between Meltzer, Pollock, the Earl of Halsbury and others on the philosophy of science. | |
| | Meltzer was based in the Metamathematics Unit (later the School of Artificial Intelligence) of the University of Edinburgh. | |
| L.251 | 1967-1968. | |
| | Includes responses (Pollock's included) to 'Note by Lord Halsbury' on 'Some awkward questions related to empiricism and other philosophies likely to be entertained by scientists'. Meltzer circulated this prior to Halsbury's seminar at the Edinburgh Philosophy of Science Group, 28 October 1968. | |
| L.252 | 1970-1971. | |
| | Includes correspondence and papers on the method of investigation in mathematics and natural science. | |
| L.253 | 1972-1974. | |
| | Chiefly on explanations of human behaviour. | |
| L.254 | 1975-1976. | |
| L.255 | 1977-1978. | |
| | Includes correspondence on morality and existence. | |

Correspondence

L.256	1980-1982.	
L.257	N.d.	
L.258	Merck & Co. Inc. Supply of penicillin-related compounds to Pollock.	1950-1958
L.259-L.261	Michie, D. Michie was based in the Experimental Programming Unit, Department of Machine Intelligence and Perception, University of Edinburgh, for most of this period.	1960-1973
L.259	1960-1968. Meetings, career.	
L.260	1969-1970.	
L.261	1971-1973. Chiefly correspondence 1971 <i>re</i> Pollock's proposal for a 'Federation of Machine (later Artificial) Intelligence' at Edinburgh. See also C.23-C.26.	
L.262	Mitchell, P.D. Includes correspondence <i>re</i> Mitchell's work on cytoplasmic membranes 1960. Mitchell worked on antibiotics in the Biochemistry Unit of the Department of Zoology, University of Edinburgh.	1956-1964
L.263	Mitchison, J.M. Includes correspondence <i>re</i> science faculty and university matters.	1959-1975

/...

Correspondence

/... Mitchison headed the Department of Zoology, University of Edinburgh for much of this period.

L.263A, L.264 **Mitsui, H.** 1958-1963

Mitsui was a Japanese researcher from the University of Tokyo, who worked with Pollock at the NIMR, Mill Hill, for the year 1960. He worked on *B. subtilis* and its penicillinase.

L.263A 1958-1959.
Funding and arrangements.

L.264 1960-1963.
Progress of research.

L.265 Not used.

L.266-L.268 **Mizuno, D.** 1954-1964

Mizuno worked at the National Institute of Health, Tokyo, Japan.

L.266 1954-1958.
Includes correspondence *re* visits and comments on Mizuno's work on pneumococcus transformation.

L.267 1959-1960.
Includes literature on Japanese science films 'The battle of microbes', 'Cancer cells' and 'The world of microbes'.

L.268 1964.
Includes correspondence *re* visits.

Correspondence

L.269-L.275	Monod, J.	1947-1976
	Monod was a close friend as well as being a scientific colleague of Pollock's. Pollock spent two spells in 1948 and 1952-1953 working in Monod's laboratory in the Institut Pasteur, Paris, France.	
L.269	1947-1950.	
	Includes correspondence <i>re</i> visits to the Institut Pasteur, 1948 and 1950.	
L.270	1951-1952.	
	Includes correspondence <i>re</i> acquiring a 'Monod bactogen' for mass-cultivation of micro-organisms.	
L.271	1953-1955.	
L.272	1956-1958.	
	Includes correspondence <i>re</i> work of R.L. Munier on analysis of penicillinase and visits by British researchers to the Institut Pasteur.	
L.273	1960-1963.	
	Includes correspondence <i>re</i> Pollock's visit to Paris 1962 and Monod's to London to deliver a Royal Institution lecture, 1963.	
L.274	1966-1971.	
	Chiefly <i>re</i> visits, including Monod's visit to Edinburgh for the inauguration of the Department of Molecular Biology.	
L.275	1974-1976.	
	Includes 13pp typescript tribute to Monod by M. Cohn, 1976.	

Correspondence

L.276	Mo (1).	1958-1965
L.277	Mo (2).	1965-1969
L.278	Mu.	1950-1976
L.279	Najjar, V.A. Chiefly <i>re</i> conformational change in antigens. Najjar worked at the Department of Microbiology, Vanderbilt University, Tennessee, USA.	1963-1964
L.280	Na.-Ne.	1953-1965
L.281	Nirenberg, M. Work on <i>B. cereus</i> penicillinase. Nirenberg worked at the National Institutes of Health, Bethesda, Maryland, USA.	1959-1960
L.282	Nishimura, S. Work on ribonuclease of <i>B. subtilis</i> . Nishimura worked at the Cancer Research Institute, Tokyo, Japan.	1961-1962
L.283	Ni.-No.	1957-1968
L.284	Nomura, M. Chiefly <i>re</i> work on amylase production by <i>B. subtilis</i> 1958-1959, and visit to Edinburgh 1973. Nomura worked at the Department of Bacteriology, University of Illinois, USA.	1958-1973

Correspondence

L.285	Nordström, K.	1967-1974
	Chiefly <i>re</i> visit to the UK, 1971.	
	Nordström worked at the Department of Microbiology, University of Umeå, Sweden.	
L.286-L.290	Novick, R.P.	1959-1973
	Novick was based at the National Institutes of Health, Bethesda, Maryland, USA. He came to work for two years in Pollock's laboratory at the NIMR 1960-1962 studying bacterial exo-enzymes. He then returned to the US, first at the Rockefeller Institute, then to the Public Health Research Institute, New York.	
L.286	1959-1961.	
	Arrangements for move to Mill Hill, including funding and area of research.	
L.287	1962-1963.	
	Chiefly correspondence arising from research with Pollock.	
L.288	1964-1965.	
	Progress and direction of research; visits; career.	
L.289	1966-1969.	
	Visits, research, personal news.	
L.290	1970-1973.	
	Visit by Pollock to USA, 1970; personal news.	

Correspondence

L.291, L.292	Ogston, A.G.	1953-1958
	Penicillinase analyses and drafts of papers.	
	Ogston worked on penicillin at the Oxford Department of Biochemistry.	
L.291	1953-1954.	
L.292	1955-1958.	
L.293	Olby, R.C.	1975
	Olby was based in the Division of History and Philosophy of Science, Department of Philosophy, University of Leeds.	
L.294	O.-Pa.	1959-1970
L.295	Pappenheimer, A.M.	1952-1958
	Visits, visiting researchers.	
	Pappenheimer was Professor of Microbiology at the New York University Medical School.	
L.296	Pardee, A.B.	1957-1963
	Work on penicillin induction.	
	Pardee worked in the Biochemistry Department, Princeton University, New Jersey, USA.	
L.297	Paul, J.	1962
	Chiefly correspondence <i>re</i> cell biology course at Glasgow and invitation to Pollock to lecture in the series.	
	Paul worked in the Biochemistry Department, Glasgow University.	

Correspondence

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|-------------|--|------------|
| L.298 | Pechère, J.F. | 1962-1970 |
| | Includes draft of 'On the possible production of several exopenicillinases by <i>Bacillus cereus</i> ', 5pp typescript + figure. | |
| | Pechère was based at the University of Liège, Belgium. | |
| L.299 | Pereira, H.G. | 1960-1966 |
| | Chiefly correspondence <i>re</i> visit by Pollock to Brazil, 1961. | |
| L.300 | Perlman, D. | 1956-1964 |
| | Work on bacterial penicillinases; visits. | |
| | Perlman worked at the Squibb Institute, New Brunswick, New Jersey, USA. | |
| L.301 | Perrett, J. | 1952-1956 |
| | Perrett worked at the NIMR, Mill Hill. | |
| L.302 | Perutz, M.F. | 1960-1975 |
| L.303 | Pe.-Po. | 1950-1970 |
| L.304 | Phillips, D.C. | 1966-1967. |
| | Three-dimensional lysozyme model. | |
| | Phillips was working at the Davy-Faraday Laboratory of the Royal Institution at this time. | |
| L.305-L.308 | Pichinoty, F. | 1960-1971 |
| | Pichinoty worked for the Centre de Recherche Scientifiques, Industrielles et Maritimes of the Centre Nationale de la Recherche Scientifique, Marseilles, France. | |

Correspondence

- L.305 1960-1961.
- Chiefly correspondence and papers *re* nitrate-reductase, including two typescripts drafts by Pichinoty (one in English and one in French) on the 'Inhibition of biosynthesis and activity of nitrate-reductase in *Aerobacter aerogenes* by oxygen'.
- L.306 1962.
- Tetrathionate-reductase.
- L.307 18pp typescript draft + 15 figures by Pichinoty and J. Bigliardi-Rouvier 'Regulation de l'activite et de la biosynthese de la tetrathionate-reductase chez une bacterie anaerobie facultative'. 1962
- L.308 1962-1971.
- Work on nitrate reductases, visits etc.
- L.309 **Pirie, N.W.** 1957-1973
- L.310-L.313 **Pontecorvo, G.** 1946-1970
- The correspondence includes arrangements for visits and lectures, progress of research, possible research students.
- Pontecorvo worked in the Department of Genetics, University of Glasgow.
- L.310 1946-1953.
- Includes 4pp typescript draft 'Need for research into the genetics of infectious diseases' by Pontecorvo, 1953.
- L.311 1954-1957.

Correspondence

- L.313 1964-1970.
- Includes correspondence *re* Pollock's move to Scotland.
- L.314 **Pope, C.G.** 1959-1962
- Work on diphtheria toxin.
- Pope worked at the Wellcome Research Laboratories, Beckenham, Kent.
- L.315 **Porter, R.R.** 1953-1975
- Chiefly correspondence *re* staffing and accommodation of the Oxford University Department of Genetics, 1968.
- L.316 **Postgate, J.R.** 1949-1967
- Postgate worked in the Department of Microbiology, Chemical Research Laboratory, Teddington, Middlesex, for most of this period.
- L.317 **Proom, H.** 1947-1960
- Work on culture samples sent to Pollock by Proom.
- Proom worked at the Wellcome Research Laboratories, Beckenham, Kent.
- L.318 **Pr.** 1965-1974
- L.319 **Rapkine, S.** 1953-1960
- Chiefly personal news.
- Sarah Rapkine was the widow of the French biochemist Louis Rapkine.

Correspondence

L.320	Rattue, M.S.	1965-1976
	Mrs Rattue argued that bacteria do not cause disease.	
L.321	Raynaud, M.	1958-1959
	Raynard worked in the Service Anaërobies of the Institut Pasteur, Paris, France.	
L.322	Ra.-Ri.	1950-1966
L.323, L.324	Reich, E.	1962-1968
	Reich was based in the Laboratory of Biochemical Genetics, Rockefeller Institute, New York, USA.	
L.323	1962-1963.	
	Work on actinomycins, including 3pp typescript of Reich's 'Summary of results with Actinomysin D'.	
L.324	1965-1968.	
	Chiefly <i>re</i> visit by Pollock to New York, November 1966.	
L.325	Reiner, J.M.	1946-1957
	Career, progress of research.	
	Reiner was an American colleague who moved between a number of institutions on the East Coast of the USA.	
L.326-L.331	Richmond, M.H.	1958-1975
	Richmond came to work with Pollock at the NIMR, Mill Hill, in 1958. After a period at the University Institute of Microbiology, Copenhagen, Denmark in 1960, he returned to Mill Hill. He moved with Pollock to the University of Edinburgh, being appointed Senior Lecturer, then Reader in the Department of Molecular Biology. He was appointed Professor of Bacteriology at the University of Bristol in 1968.	

Correspondence

- L.326 1958-1960.
- Chiefly correspondence *re* progress of research at Copenhagen.
- L.327 1963-1967.
- Chiefly *re* career.
- L.328 1968.
- Career.
- L.329 1969.
- Includes correspondence labelled 'Coli TEM pen. ase sequencing project' relating to joint project between Bristol and Edinburgh.
- L.330 1970.
- L.331 1971-1975.
- Includes correspondence *re* work on beta-lactamases and visits.
- L.332, L.333 **Rickenberg, H.V.** 1955-1974
- Rickenberg worked at the Institut Pasteur, Paris, France, in the mid 1950s, then spent the year 1955-1956 working with Pollock at the NIMR at Mill Hill, before returning to the US to work at the Department of Microbiology, University of Washington, Seattle. He later moved to the Department of Bacteriology, Indiana University, and then became Director of Research, National Jewish Hospital, Denver, Colorado.
- L.332 1955-1958.
- Chiefly correspondence on Rickenberg's return to the US on progress of joint research and publication.

Correspondence

- L.333 1959-1974.
- Progress of research, career, visits by Rickenberg to the UK and Pollock to the US.
- L.334 **Roddam, J.** 1965
- Correspondence *re* book.
- L.335, L.336 **Rogers, H.J.** 1948-1971
- Rogers worked in the Dental School and Hospital, University of Leeds before joining Pollock at the NIMR, Mill Hill.
- L.335 1948-1951.
- Correspondence *re* career, researchers.
- L.336 1952-1971.
- Includes correspondence *re* Pollock's move to Edinburgh.
- L.337 **Rose, S.P.R.** 1969-1971
- Career, teaching at the Open University, personal news.
- Rose was Professor of Biology at the Open University.
- L.338 **Rotman, B.** 1956-1963
- Correspondence *re* work of Ruth Urba in Rotman's department and correspondence arising.
- Rotman worked at the Instituto de Quimica, Fisiologica y Patologia, University of Chile, and later the Syntex Institute for Molecular Biology, Palo Alto, California, USA.
- L.339 **Ro.-Ry.** 1948-1970

Correspondence

L.340, L.341	Sager, R. Sager was based at the Department of Zoology, Columbia University, New York, USA.	1959-1969
L.340	1959-1967.	
L.341	1969. Includes Sager's 23pp typescript draft 'Biology and education for the future', sent to Pollock for comment.	
L.342	Sakaguchi, K. Sakaguchi worked in the Department of Agricultural Chemistry, University of Tokyo, Japan.	1951-1953
L.343	Sanger, F.	1958-1965
L.344	Sanyal, A. Work on penicillinase in India. Sanyal was based at the Indian Institute of Experimental Medicine, Calcutta.	1969-1970
L.345	Saz, A.K. Includes correspondence <i>re</i> visit by Pollock to New York in 1964, and Saz to Edinburgh, 1966; work on homogamicidin S and penicillinase. Saz headed the Laboratory of Infectious Diseases, US National Institutes of Health, Bethesda, Maryland before moving to Georgetown University, Washington D.C., as Professor of Microbiology in 1965.	1964-1970
L.346	Sa.-Se.	1948-1981

Correspondence

- | | | |
|-------|---|-----------------------|
| L.347 | Seelig, M.S. | 1968 |
| L.348 | Segal, S.

Chiefly correspondence <i>re</i> work in Pollock's laboratory.

Segal was based in the Clinical Endocrinology Branch of the US National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland. He spent a year, 1963-1964, working with Pollock at the NIMR, Mill Hill. | 1962-1966 |
| L.349 | Seguel, H.M.

Seguel was a Chilean researcher who wished to do research in London. | 1962 |
| L.350 | Senez, J.C.

Includes correspondence <i>re</i> collaborative research.

Senez worked at the Laboratoire de Chimie Bacterienne, Centre National de la Recherche Scientifique, Marseilles, France. | 1962-1968 |
| L.351 | Sermonti, G.

Sermonti worked at the Istituto Superiore di Sanità, Rome, Italy. | 1956 |
| L.352 | Shah, R.M.

Includes correspondence on penicillinase research using <i>B. cereus</i> strains.

Shah was an Indian researcher working in the US on penicillinase initially at the University of Cincinnati and later Eli Lilly & Co. | 1960-1967 |
| L.353 | Sheehan, J.C.

Chiefly supply of penicillins. | 1951-1958

/... |

Correspondence

/... Sheehan worked at the Department of Chemistry,
Massachusetts Institute of Technology.

L.354-L358 **Sheinin, R.** 1955-1975

Sheinin was a Canadian researcher working at the Medical Research Council Unit for Chemical Microbiology in the University of Cambridge School of Biochemistry. She came to work with Pollock in 1957-1958, studying penicillinase production in *B. cereus* membranes. She returned to Canada in 1958, taking up a post at the Ontario Cancer Institute, later moving to the Department of Medical Biophysics, University of Toronto.

L.354 1955-1957.

Chiefly *re* possibility of working with Pollock.

L.355 1958-1960.

Progress of research and publications.

L.356 1961-1964.

Includes correspondence *re* visit by Pollock to Canada, 1962, and personal news.

L.357 1965-1969.

Chiefly personal news.

L.358 1970-1975.

L.359 **Shockman, G.D.** 1955-1969

Staphylococcus penicillinase; visits to the UK.

Shockman was an American microbiologist.

L.360 **Sh.** 1948-1971

Correspondence

- | | | |
|-------------|---|-----------|
| L.361 | Sibatani, A. | 1957-1972 |
| | Includes correspondence on Japanese science. | |
| | Sibatani was at the Cytochemistry Laboratory, Yamaguti Medical School, Japan before becoming Professor in the Department of Biochemistry and Biophysics, Hiroshima University. | |
| L.362 | Silverglade, A. | 1973-1974 |
| | Work on <i>B. cereus</i> penicillinase. | |
| | Silverglade worked for Riker Laboratories, Inc. | |
| L.363 | Siminovitch, L. | 1953-1972 |
| | Includes correspondence <i>re</i> researchers coming to work under Pollock. | |
| | Siminovitch was a Professor in the Department of Medical Physics, University of Toronto, Canada. | |
| L.364-L.366 | Slonimiski, P. | 1949-1975 |
| | Slonimiski worked at the Laboratoire de Genetique, University of Paris and later was Professor in the Laboratoire de Genetique Physiologique, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France. | |
| L.364 | 1949-1954. | |
| | Chiefly correspondence <i>re</i> personal news and progress of research. | |
| L.365 | 1955-1958. | |
| | Includes manuscript draft 'Induced conversion of lactic-dehydrogenase (from yeast)' by Slonimiski and W. Tysarowski and related correspondence. | |
| L.366 | 1959-1975. | |

Correspondence

- | | | |
|--------------|---|-----------|
| L.367 | Smith, H. | 1965-1975 |
| | Smith was Professor of Microbiology at the University of Birmingham. | |
| L.368 | Smith, J.D. | 1954-1955 |
| | Research on the incorporation of 8-azaguanine in bacterial RNA. | |
| | Smith worked at the Agricultural Research Council's Unit for Plant Virus Research, Molteno Institute, Cambridge. | |
| L.369 | Smith, J.M. | 1963-1973 |
| | Smith was based at the Department of Zoology, University College London before appointment to a Chair in the School of Biological Sciences, University of Sussex. | |
| L.370, L.371 | Smith, K. | 1965-1971 |
| | Correspondence principally <i>re</i> Ph.D. studies. | |
| | Smith was a Ph.D. student of Pollock's at Edinburgh studying constitutive mutations in penicillinase. | |
| L.370 | 1965-1967. | |
| L.371 | 1968-1971. | |
| | Includes typescript notes outlining the Ph.D. thesis. | |
| L.372 | Sm.-Sp. | 1955-1976 |
| L.373-L.376 | Sneath, P.H.A. | 1953-1970 |
| | Sneath, a bacterial taxonomist, joined the staff of the Division of Bacterial Physiology at the NIMR, Mill Hill in 1953. He then spent some time in the USA before joining the Medical Research Council Microbial Systematics Research Unit at Leicester University in the mid 1960s. | |

Correspondence

- L.373 1953-1958.
- Chiefly arrangements to join the NIMR.
- L.374 1959-1960.
- Chiefly career and personal news. Also includes 5pp typescript paper 'The case for a research unit on microbial systematics'.
- L.375 1962.
- Includes papers by Sneath 'Studies on staphylococcal penicillinase' and 'The case for encouraging new methods in microbial systematics'.
- L.376 1963-1970.
- Includes typescript papers by Sneath 'Introduction to session on numerical taxonomy' (1964) and 'Amino acid sequences in proteins: a computer study' (1965); correspondence 1969-1970 *re B. cereus* mutants.
- L.377 **Spencer, B.** 1958
- Spencer worked in the Department of Biochemistry, University of Wales, Cardiff.
- L.378-L.381 **Spiegelman, S.** 1946-1966
- Spiegelman was initially in the Department of Bacteriology, Washington University, Saint Louis, USA, later moving to the University of Illinois as Professor of Bacteriology (later Microbiology).
- L.378 1946-1951.
- Correspondence on penicillinase work.

Correspondence

- L.379 1953-1957.
- Chiefly *re* visits to the UK by Spiegelman; arrangements for N. Citri to work in Spiegelman's department at Illinois.
- L.380 1962-1965.
- Chiefly *re* visits, establishment of an International Cell Research Organization (ICRO) Information Exchange Group.
- L.381 1966.
- Chiefly *re* meeting of the ICRO to discuss the Information Exchange Group, Naples, Italy, May 1966.
- L.382-L.385 **Stanier, R.Y.** 1948-1975
- For much of this period Stanier was Professor of Bacteriology at the University of California, Berkeley, USA.
- L.382 1948-1955.
- Work on penicillinase, visits, and proposed book on bacteria (Pollock was to write a chapter on enzymes).
- L.383 1956-1961.
- Chiefly correspondence *re* Pollock's contribution on 'Exo-enzymes' to Stanier's book on bacteria.
- L.384 1965-1968.
- Includes 2pp typescript copy of Stanier's review of the Proceedings (edited by Pollock and M.H. Richmond) of the Society for General Microbiology symposium, 1965. Also correspondence *re* visits.
- L.385 1970-1975.
- Chiefly *re* visit by Stanier to Edinburgh, 1970.

Correspondence

- | | | |
|--------------|---|-----------|
| L.386 | Stent, G. | 1956-1973 |
| | For most of the period Stent was based at the University of California, Berkeley, USA. | |
| L.387 | Stephenson, M. | 1941 |
| | Progress of Pollock's research. | |
| L.388 | Stewart, G.T. | 1962-1964 |
| | Includes correspondence on bacterial resistance to cephalosporins and penicillins. | |
| | Stewart worked at the Queen Mary's Hospital for Children, Carshalton, Surrey. | |
| L.389 | Stocker, B.A.D. | 1949-1968 |
| | Correspondence on progress of research. | |
| | Stocker moved from the Lister Institute of Preventive Medicine, London to the Department of Medical Microbiology, Stanford University, California, USA. | |
| L.390, L.391 | Strahs, G. | 1963-1968 |
| | Strahs was a researcher in the Department of Chemistry, University of Illinois and later the California Institute of Technology, Pasadena, USA. | |
| L.390 | 1963. | |
| | Correspondence and papers <i>re</i> X-ray analysis of <i>B. subtilis</i> and staphylococcal penicillinases. | |
| L.391 | 1964-1968. | |
| | Includes correspondence reporting and data from work on crystalline penicillinase, 1964. | |

Correspondence

- | | | |
|--------------|--|-----------|
| L.392, L.393 | Straub, F.B. | 1954-1974 |
| | Straub was Professor at the Chemical Institute of the Medical University, Budapest, Hungary. | |
| L.392 | 1954-1956. | |
| | Includes correspondence and papers <i>re</i> work on penicillinase production by <i>B. cereus</i> , visits to Hungary by Pollock, 1955 and by Straub to London, 1956. | |
| L.393 | 1957-1974. | |
| L.394 | Strominger, J.L. | 1970-1973 |
| | Chiefly correspondence <i>re</i> visit to Edinburgh, 1973, work on beta-lactamases. | |
| | Strominger worked in the Harvard University Biological Laboratories. | |
| L.395 | St.-Su. | 1944-1964 |
| L.396 | Swann, M.M. | 1968-1971 |
| | Correspondence <i>re</i> Antibiotics Committee, biological sciences at Edinburgh. | |
| | Swann, as Dean of the Faculty of Science (later becoming Principal and Vice-Chancellor) of the University of Edinburgh, had been instrumental in Pollock's move to Edinburgh and the establishment of the Department of Molecular Biology. | |
| L.397 | Symonds, N.D. | 1956-1971 |
| | Symonds moved from the Medical Research Council's Microbial Genetics Research Unit to become Professor of Microbial Genetics at Sussex University. | |

Correspondence

- | | | |
|-------|--|-----------|
| L.398 | Szabó, G. | 1955-1959 |
| | Szabó was a Hungarian colleague who came to the UK in 1959. | |
| L.399 | Talbot Rice, D. | 1967-1971 |
| | Correspondence <i>re</i> newspaper reference to member of the Fine Arts Department. | |
| | Talbot Rice was Vice Principal and Professor of Fine Arts at Edinburgh. | |
| L.400 | Ta.-Th. | 1948-1962 |
| L.401 | Tebyakina, A.E. | 1960-1967 |
| | Production of penicillinase with <i>B. subtilis</i> . | |
| | Tebyakina worked in the Laboratory for Microbiological Control in the USSR Research Institute for Antibiotics, Moscow. | |
| L.402 | Thatcher, D. | 1977 |
| | Research grant proposal. | |
| | Thatcher was a member of the Department of Molecular Biology, Edinburgh. | |
| L.403 | Thorne, C.B. | 1965-1968 |
| | Work with <i>B. cereus</i> strains. | |
| | Thorne worked in the Biological Laboratories of the United States Army before taking up a post in the Department of Microbiology, University of Massachusetts. | |
| L.404 | Tomlinson, A.H. | 1949-1951 |
| | Tomlinson worked for the Public Health Laboratory Service, Oxford. | |

Correspondence

- | | | |
|-------------|--|--------------|
| L.405 | Tonomura, K. | 1959 |
| | Correspondence and papers <i>re</i> alpha-amylase formation in <i>Aspergillus oryzae</i> . | |
| | Tonomura worked in the Biology Division at Oak Ridge National Laboratory, Tennessee, USA. | |
| L.406-L.411 | Torriani, A. | 1952-1970 |
| | The correspondence ranges widely in subject matter. Torriani and Pollock were close friends and the letters include personal news as well as possible visits, progress of research and joint papers. | |
| | Torriani's letters are in French. | |
| | Torriani (later Madame Gorini) was a French colleague who worked in the Institut Pasteur, Paris. In the early 1950s Torriani and Pollock worked closely together on penicillinase. In 1956 Torriani moved with her husband, L. Gorini, to the US, where they were based at the New York University College of Medicine and then at the Department of Biology, Massachusetts Institute of Technology. | |
| L.406 | 1952-1953 | |
| | Visit to England by Torriani; research on penicillinase; personal news. | |
| L.407 | 1954. | |
| | Correspondence and papers <i>re</i> work on penicillinase by Pollock in England and Torriani in France. Letter from Pollock of 31 May describes technique for producing his protein crystals. | |
| L.408 | 'Action des radiation U.V. sur la biosynthèse induite de la pénicillinase de <i>B. cereus</i> ', by Pollock and Torriani. | 1954 or 1955 |
| | Typescript draft in French with manuscript corrections in English by Pollock. | |

Correspondence

- L.409 1955.
- Correspondence, papers and photograph *re* research and joint publications on penicillinase in *B. cereus*.
- L.410 1956-1959.
- Chiefly news from stay in the US.
- L.411 1960-1970.
- Visits, personal news etc.
- L.412 **To.-Ts.** 1949-1966
- L.413 **Tridgell, E.J.** 1956-1966
- Includes correspondence *re* work on cephalosporins.
- Tridgell worked under E.B. Chain at the Istituto Superiore di Sanità, Rome, Italy, before returning to the UK to take up a post at the National Research Development Corporation.
- L.414-L.419 **Urbá, R.C.** 1956-1975
- Ruth Urbá came from the Istituto de Quimica, Fisilogia y Patologia of the University of Chile, Santiago, to work in Pollock's laboratory at the NIMR, Mill Hill, 1957-1958. She returned to Chile to continue her research but moved to Cuba with her husband B. Holmgren following the Revolution there in 1961. They returned to Chile in 1967 but fled back to Cuba following Pinochet's coup in 1973.
- L.414 1956-1958.
- Arrangements to work with Pollock; typescript draft of 'Protein breakdown in *Bacillus Cereus*' by Urbá.

Correspondence

- | | | |
|-------------|--|-----------|
| L.415 | 1959. | |
| | Progress of research, social and personal news, arrangements for Pollock's visit to Chile, November-December. | |
| L.416 | 1960-1961. | |
| | Includes correspondence <i>re</i> move to Cuba. | |
| | Most of Urbà's letters from this period are in Spanish. | |
| L.417 | 1962. | |
| | Chiefly <i>re</i> supply of diisopropylfluorophosphate to Cuba. | |
| L.418 | 1966-1970. | |
| | Chiefly personal news. | |
| L.419 | 1973-1975 | |
| L.420 | V. | 1952-1961 |
| L.421 | Vogel, H.J. | 1956-1971 |
| | Vogel worked at a number of US universities before moving to the Department of Pathology, College of Physicians and Surgeons, Columbia University, New York. | |
| L.422-L.425 | Waddington, C.H. | 1951-1971 |
| | Waddington was Professor at the Institute of Animal Genetics, Edinburgh University. | |

Correspondence

- L.422 1951-1959.
- Chiefly correspondence and papers *re* UNESCO Symposium on Patterns of Cellular and Sub-Cellular Organisation, Edinburgh, 6-10 September 1957.
- Waddington organised this Symposium to which Pollock made a number of contributions.
- L.423 1962-1964.
- Includes correspondence *re* proposed Royal Society discussion meeting on differentiation.
- L.424 1966-1969.
- Chiefly University matters.
- L.425 1971.
- Includes 17pp photocopy typescript by Waddington, 'Assessment and Prognoses', and typescript note of proceedings of 'Dinner given by Professor C.H. Waddington in order to discuss possible University action in the World Environment field', 11 December.
- L.426-L.432 **Wainwright, S.D.** 1950-1972
- After research under Sir Paul Fildes and Pollock 1947-1950 and a period of study at the Institut Pasteur, Paris, Wainwright moved to the USA. He worked at the Department of Zoology, Columbia University, New York before joining the Chalk River Project of the Atomic Energy of Canada in 1953. He moved to the Department of Microbiology, Yale University in 1955, then to the Department of Biochemistry, Dalhousie University, Halifax, Nova Scotia, Canada.
- L.426 1950-1951.
- Progress of research at the Institut Pasteur; career options.

Correspondence

- L.427 1952-1953.
- Wainwright's correspondence includes detailed accounts of research in progress on biological effects of irradiation. Also includes typescript draft of 'Modification of the biological effects of ultra-violet irradiation by post irradiation treatment with iodoacetate and peptone' by Wainwright and A. Nevill.
- L.428 1954.
- Career, detailed accounts of research.
- L.429 1955.
- Includes typescript drafts of 'Menadione derivatives and ferrous iron as cofactors of the nitrate reductase system of a coliform organism' and 'Components of the nitrate reductase system of *Escherichia coli* "1433": a menadione derivative one cofactor of the system' by Wainwright.
- L.430 1956-1960.
- Career, progress of research.
- L.431 1962-1964.
- Includes correspondence *re* Wainwright's work on tryptophan synthetase.
- L.432 1965-1972.
- L.433 **Wang Y.-I.** 1957-1976
- Wang was Professor at the Institute of Physiology and Biochemistry, Academia Sinica, Shanghai, China.
- L.434 **Wa.-We.** 1963, 1976

Correspondence

L.435	Winsor & Newton Ltd	1948
	Supply of carbon black for research on whooping cough.	
L.436	Wi.	1944-1978
L.437	Wollman, E.L.	1951-1971, n.d.
	Wollman worked at the Institut Pasteur, Paris, France.	
L.438	Woods, D.D.	1948-1964
	Includes correspondence <i>re</i> supply of samples of penicillinase to Woods.	
	Woods worked in the Department of Biochemistry at Oxford, being appointed Professor of Chemical Microbiology there in 1955.	
L.439	Wr.	1953, 1978
L.440	Y.	1951-1964
L.441	Yudkin, M.D.	1965-1967
	Chiefly correspondence <i>re</i> Yudkin's work on penicillinase formation.	
	Yudkin worked in the Department of Biochemistry, Oxford.	
L.442	Za.	1951-1957
L.443	Zanini, J.C.	1956-1961
	Correspondence <i>re</i> contacts in Mexico, personal news.	
		/...

Correspondence

/... Zanini was a Mexican colleague.

L.444-L.446 **Zuckerlandl, E.** 1965-1974

Zuckerlandl was a French colleague and friend based at the Department of Macromolecular Biochemistry of the Centre National de la Recherche Scientifique, Montpellier, France

The Pollocks spent many holidays in the south of France and some of the correspondence refers to these holidays.

L.444 1965-1966.

Chiefly *re* visit to France by Pollock, 1966, including arrangements for lecture at Montpellier on 'Considerations sur l'evolution des mecanismes regulateurs de la biosynthese des enzymes', 29 October 1966 (see F.51).

L.445 1967-1968.

Chiefly *re* visit by Zuckerlandl to Edinburgh, June 1967.

L.446 1969-1974.

Includes correspondence *re* the Pollocks' holidays at Annamas in southern France.

L.447 **Zugaza, A.** 1964

Zugaza worked for the Spanish company Antibiotics S.A.

L.448 **First name and unidentified.** 1964-1982,
n.d.

Correspondence

L.449-L.453	References and recommendations. Arranged alphabetically by name of subject.	1955-1982
L.449	B.-H.	1956-1976
L.450	I.-K.	1955-1968
L.451	L.-P.	1958-1982
L.452	P.	1958
L.453	R.-W.	1956-1979
L.454	Requests for offprints. Requests for copies of offprints of papers.	1954-1971

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