

SIAMON GORDON - CURRICULUM VITAE

1938 Born: Cape Town, South Africa
Permanent resident U.K. (SA national)
6A Canterbury Road, Oxford OX2 6LU, England

1963 Married: Lyndall Getz
Children: Anna, born 1965, Olivia, born 1978

EDUCATION

1955 Completed High School, South African College
1961 Graduated M.B., Ch.B., University of Cape Town
1966-1971 Ph.D., The Rockefeller University, New York
Research advisor: Professor Zanvil A. Cohn
Thesis: Nuclear and plasma membrane properties of macrophage heterokaryons and hybrids

ACADEMIC HONOURS

1955 Best matriculant Cape Province of South Africa
1961 Received medical degree with 1st class honours with distinctions in first, second and final professional examinations.
Class Medals for Botany, Chemistry, Physics, Zoology, Anatomy, Pharmacology, Medical Jurisprudence, Public Health, Psychiatry, Medicine and Surgery. Special award, best student in surgery.
1971 Special Fellow. Leukemia Society of America, Inc.
1973-1976 Scholar. Leukemia Society of America, Inc.
1990 Friederich Sasse Award in Immunology
2002 Honorary D.Sc., University of Cape Town, RSA
2003 Fellow of The Academy of Medical Sciences, UK
2003 Marie T. Bonazinga Award (Soc. Luek. Biol.)
2004 Honorary member of American Association of Immunologists
2007 Fellow of The Royal Society

POST-DOCTORAL TRAINING AND EXPERIENCE

1962 Intern, Department of Medicine and Surgery, Groote Schuur Hospital, U.C.T. Medical School
1963 Registrar, Department of Pathology, U.C.T. Medical School
1964 Research assistant with Dr. S. Cohen in Professor R.R. Porter's Laboratory of Immunochemistry, Wright-Fleming Institute of Microbiology, St. Mary's Hospital Medical School, London
1965 Research Associate and Assistant Resident Physician with Professor A.G. Bearn, Department of Human Genetics, The Rockefeller University, New York

APPOINTMENTS

1971-1976	Assistant Professor and Associate Physician, The Rockefeller University, Department of Cellular Physiology and Immunology. Heads - Professor Z. Cohn and Professor J. Hirsch
1974-1975	Visiting Scientist, Genetics Laboratory, Department of Biochemistry, University of Oxford, with Professor W. Bodmer
1976-2005	Fellow of Exeter College, University of Oxford and Newton-Abraham Lecturer in Pathology
2005-	Emeritus Fellow, Exeter College
1976-	Adjunct Associate Professor, The Rockefeller University
1976-1989	Reader in Experimental Pathology, Sir William Dunn School of Pathology, University of Oxford
1989-1991	Professor in Cellular Pathology (ad hominem), Sir William Dunn School of Pathology, University of Oxford
1989-1990/ 2000-2001	Acting Head of Department, Sir William Dunn School of Pathology
1991-2008	GLAXO WELLCOME Professor in Cellular Pathology

SCIENTIFIC SOCIETIES

Member of British Society for Immunology
American Society for Cell Biology
American Society for Leukocyte Biology
British Society for Cell Biology
European Macrophage and Dendritic Cell Society
Henry Kunkel Society
Honorary member of American Association of Immunologists

EDITORIAL BOARDS

1982-1990	Journal of Cell Science
1989-1991	American Journal of Respiratory Cell and Molecular Biology
1993-	Journal of Experimental Medicine
1998-2006	Section Editor Journal of Leukocyte Biology
2000-2007	Immunology
2008-	Expert Reviews Molecular Medicine
2008-	Innate Immunity

ACADEMIC ADMINISTRATION: Oxford University

1979-1992	Member of Physiological Sciences Faculty Board, General Purposes Committee and Cancer Research Campaign Committee in lieu of Professor of Pathology
1983-1984	Vice-chairman Physiological Sciences Board
1986-1993	Organiser of Oxford Rockefeller Student annual exchange programme
1984-1986	Chairman of Physiological Sciences Board

1989-1992	Member of General Board
1992-1995	Official member of Physiological Sciences Board
1992-1993/1994	Member of Planning and Development, Bioresources, Graduate Studies, Staff, Health and Safety and Research and Equipment Committees
1993-1995	Member of Biosciences Research Board
1994-1995	Chairman, Technicians Annual Review Committee
1995-2005	Member of University Grievance Committee
1997-	Member of S.A. Taskforce, Oppenheimer Trust Academic Exchange (S.A.) Committee. Chairman since 2005
1997-2006	Co-principal investigator of Wellcome Cardiovascular Research Initiative
1998-2003	Sir William Dunn School; Chairman Search Committee for Edward Abraham Research Building
1998-2003	Member of Committee for Management of the Churchill Research Institute
1999	Member, University Review Committee for Dunn School of Pathology
2002-2005	Committee for combined doctoral programme of Oxford with NIH
2000-2003	Member of Medical Sciences Division Board and various committees
2003	Member of Oxford University Advisory Panel for future of Edward Jenner Inst.
2006-2007	Organiser, Medical Sciences Division Open Day symposia
2007-	Member Herbert Spencer Lecturers Committee

OUTSIDE

1985-1986	Member Arthritis and Rheumatism Council Scientific Advisory Committee
1987-1992	Member Lister Scientific Advisory Committee
1999-2002	Councillor, Society for Leukocyte Biology
2002-2005	Chairman of the International Advisory Board of the newly founded Institute of Infectious Disease and Molecular Medicine, University of Cape Town
2002-2004	Chairman of Scientific Programme Committee, John Humphrey Summer Workshop in Russia
2003-2007	Scientific Advisory Board, Paediatric Dengue Vaccine Initiative (Gates Foundation International Programme)
2001-	Co-ordinator AIDS education project in South Africa
2004-2008	Faculty of 1000 (Innate Immunity)
2007-	Royal Society Section 7(Panel member; International Grants/South Africa, Ghana, Tanzania)
2007	Assessor - Professor. S. Amigorena (Paris)
2008-	Scientific Advisory Board Area of Excellence Programme Professor M. Peiris, Hong Kong "Control of pandemic and Inter-pandemic influenza"
2008-	Advisor to Professor B. Mayosi, Head of Department of Medicine, University of Cape Town

REVIEWER

Grant Applications (MRC, Wellcome, Inserm, BBSRC, BHF); Journals (Nature, Immunity, J. Exp Med et al)

TEACHING

Undergraduate

Lectures, classes and examining in general pathology (1st B.M.), cell biology (1st BM and FHS) and Infection and Immunity option (FHS). BM examiner (2007/2008)

Postgraduate

Previous students and postdoctoral scientists hold positions at Oxford:

Nuffield Dept. Surgery, Oxford (J. Austyn)

Dunn School of Pathology (D.J. Vaux)

NHS Gastroenterology (S. Keshav)

University of Dundee (P.R. Crocker and E. McKenzie)

University College, London (D.A. Hughes)

University of Cardiff (P. Taylor)

University of Nottingham (L. Martinez-Pomares)

University of Southampton (N. Platt)

Dublin (J. Harris)

UCLA (P-B Andersson)

Scripps (H. Rosen)

CHU - Hôpital Saint-Jacques, France (G. Herbein)

Pasteur Institute (G. Milon)

Lund University, Sweden (T. Areschoug)

University of Verona (G. Berton)

University of Trieste (P. Dri)

Wistar Institute (L. Montaner)

University of Kentucky (W. de Villiers)

University of Amsterdam (S. Heinsbroek)

Universities of Queensland and Edinburgh (D. Hume)

Western Australis (A. McWilliam, D. Coombe)

Singapore (S.H. Lee)

Taiwan (H.H. Lin)

Pretoria (T. Mokoena)

Johannesburg (L. Morris)

Cape Town (G.D. Brown and J. Davies)

CSIR (M. Khati)

Appointees in industry include:

R.A.B. Ezekowitz, I. Fraser, H. Teppler (Merck)

R. Haworth and P.J. Gough (Glaxo Wellcome)

A. McKnight (Celltech)

S. Hirsch (Gamida, Israel)

A. Doyle (Sydney)

L. Peiser (Amgen)

Others who are consultants or undergoing further clinical training include:

M. Collin (New York)

Dr. S. Linehan is training in patent law

Mentor

Dr. Alan Salama (Imperial) Academy of Medical Sciences scheme 2006-

External Supervisor (PhD Project ICGEB, Trieste - co-supervisor Dr. R. Garcia)

Post Graduate teaching

e.g. 2007- (Marseilles, Glasgow, Seattle, Cincinnati)

2006-2008 European Network of Immunology Summer course (Sardinia)

PhD Examinations e.g. 2007 (Leeds, CRUK, Trieste)

RESEARCH SEMINARS, LECTURES AND INTERNATIONAL MEETINGS

Frequent speaker at local, national and international institutions, including 16 Keystone and Gordon Research Conferences over period 1995/2007, three Keynote addresses (most recent 2007).

Almroth Wright Lectures (1983, 1998) Wright-Fleming Institute of Microbiology

Organiser of National meetings in Oxford on macrophage biology (1987/1988)

Co-organiser major meetings on Mononuclear Phagocytes (Leiden 1980, 1985, 1991; South Carolina 1984, 1988; Elsinore, 1998; Paris 1998); Co-organiser of Keystone Conferences on Macrophages (1999/2002; 2005; 2007)

Founder member and organizing Committee International Conferences of Inflammation (Barcelona, 1990; Rome, 1991)

Visiting scientist, University of Cape Town (1991)

Organizer Penicillin meeting at Dunn School (1990) and member of organizing committee for University symposium (1991)

Friederich Sasse Award Lecture (1992; Berlin)

Organiser symposium on "Legacy of Cell Fusion" (1992), Oxford

British Council Visiting Professor and Lecturer (1994, Hebrew University, Jerusalem)

Organiser of one day symposia on macrophages, British Society of Immunology (1998, 2000, 2008)

Z.A. Cohn Lecturer, Gordon Research Conference (1999)

Co-organiser John Humphrey summer courses, Puschino, Moscow, Russia (2002, 2004)

Chairman, Novartis Foundation Symposium on Tumours and Inflammation (2002)

Marie T. Bonazinga Award Lecture, Philadelphia (2003)

Chief Organiser, Society of Leukocyte Biology symposium, Oxford (2005)

Co-organiser (with Dr. G.D. Brown) of an International Novartis Foundation Symposium on Innate Immunity in the lung (Cape Town, 2005)

Organiser, International Workshops on EGF-TM7 molecules (Oxford, Leipzig, Amsterdam, Oxford) 2002-2008

Research

Current Group consists of 9 postdoctoral scientists, 4 students and 1 research assistant

Current postdoctoral scientists: D. Bowdish, L. Helming, F. Martinez-Estrada, J. Miller, S. Mukhopadhyay, A. Plüddemann, M. Stacey, A. Varin, S. Yona

Research Assistant: Nazia Marook

Students:

DPhil students: C. Neyen, R. Seeds, W. Siu (with NIH co-supervisor, Dr. R. Nussenblatt).

MSc Student: M. Kroos

PATENTS

(With Dr. D.R. Greaves) - "Gene expression in monocytes and macrophages" Filed 2.5.96 Appn. No. 9609261.4. Taken over by Glaxo Wellcome

(With Dr. H-H Lin, Dr. A. McKnight and M. Stacey) - "Ligands" Filed 13th April 2000. Appn. No. 0009181.9

(With Dr. G.D. Brown) - "Macrophage β -glucan receptor". Filed 24th May 2001. Isis Innovation Project 1040

"Macrophage receptor agonist or antagonist" Filed 24th May 2002 Appn. No. 02730453. Patent No. 4-2405-GB0202457

RESEARCH AREAS

Macrophage immunobiology, receptors, innate immunity, infectious disease (bacterial, viral, fungal, parasitic), inflammation, atherosclerosis, tumour-host interactions.

HIV/AIDS Education

Organised Wellcome Trust/EMBO funded workshops on Immunology of Aids and TB in sub-Saharan Africa, Cape Town, 1999, 2001 and 2004.

Organised NIH funded publication of cartoon booklet 'Staying Alive: Fighting HIV/AIDS' for adolescents in South Africa (with Fran Balkwill, Mic Rolph and John Inglis) 2002.

2nd ed. "You, Me and HIV" published 2005, Gates funded expanded distribution, translation into Zulu and Afrikaans (90,000 copies printed, 70,000 distributed). Ongoing funding and research on efficacy of educational project with social scientist (L. Rabinowitz) and preparation and evaluation of teachers' guide.

Seminars on HIV Education Project

Oxford Department Social Studies (2006), Public Health (MSc course 2008), University of Third Age (2009)

Other Projects

2008- Coordinator Henry Stewart Lecture series (web learning) - Innate Immunity

Current Grants:

	Date	Number	Amount £
MRC Programme Grant	01/11/2005 - 31/10/2008	G0500623	475,216.00 (PI)
ENU mutagenesis	01/07/2006 - 30/09/2008	G0600727	824,980 (PI)
Paediatric Dengue Vaccine Initiative	15/11/2004 - 14/11/2007	PDVI-TR-10	373,048.16 No cost extension (July 2008)
Edward P. Abraham	01/07/2007 - 30/06/2008	RF 143	115,237.00

Co-applicant on Other Grants

Wellcome Trust (M. Peiris - PI) Hong Kong; Cancer Research, UK (F. Stevenson - PI) Southampton; NIH (C. Benoist - PI), Boston

Industrial Consultancies (Recent)

2007 - Amgen (Seattle), Genentech (San Francisco), Merck (Rahway, NJ); 2008 - Merck (Frosst, Montreal), Novo Nordisk (Denmark)

Research Collaborations

Dunn School

Professor K. Gull

Professor N. Barclay

Professor Q. Sattentau

Professor F. Powrie

Dr. D. Vaux

Dr. D. Greaves

Dr. A. Akoulitchev

Dr. K. Maloy

Dr. G. Macpherson

Oxford

Professor R.M. Moxon

Professor R.A. Dwek

Professor Y. Jones

Professor E. Sim

Dr. A. Pollard

Dr. R. Muschel

Dr. T. Marafioti

Dr. A. Russ

Dr. R. Sim

Outside Oxford

Professor R. Flower (Barts)
Professor N. Dear (Sheffield)
Professor F. Balkwill (Queen Mary, London)
Dr. A. Brown (Kings, Guys, St. Thomas)
Dr. L Martinez-Pomares (Nottingham)
Dr. P. Taylor (Cardiff)
Dr. S. Wong (Aberdeen)
Dr. A. Salama (Imperial)
Professor D. Davies (Imperial)

USA

Professor J. Stein-Streilein (Harvard)
Professor R. Nussenblatt (NIH)
Professor D. Van der Westhuizen (Kentucky)
Professor D. Russell (Cornell)
Professor J. Swanson (Michigan)
Professor K. Elkon (University of Washington, Seattle)
Professor M. Carroll (Harvard)
Consortium Professor C. Benoist (PI) (Harvard)
Professor D. Williams (E. Tennessee)
Dr. M. Rozendaal (Harvard)

Europe

Professor E. Vivier (Marseilles)
Professor J. Hamann (Amsterdam)
Professor K. Tryggvason (Stockholm)
Professor A. Mantovani (Milan)
Dr. R. Rappuoli (Siena)
Dr. T. Areschoug (Lund)
Dr. P. Dri (Trieste)

South Africa

Professor G. Brown (UCT)
Professor F. Brombacher (UCT)
Professor P. van Helden (Stellenbosch)

Asia

Dr. H-H Lin (Taiwan)
Professor M. Peiris (Hong Kong)

Australia

Professor J. Stow (Brisbane)