

PROFESSOR BARRY VICTOR LLOYD POTTER FRSB FRSC MAE FMedSci

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ACADEMIC CAREER SUMMARY

Fellow of University College, Oxford	2016 – 2025
Professor of Medicinal & Biological Chemistry, University of Oxford (Emeritus 2021)	2015 – date
Wellcome Trust Senior Investigator	2014 – 2021
Visiting Professor of Medicinal & Biological Chemistry, University of Bath	2015 – 2024
Visiting Professor of Medicinal & Biological Chemistry, University of Oxford	2006 – 2015
Professor & Head of Medicinal and Biological Chemistry, University of Bath (established chair)	1990 – 2015
Lister Institute Research Professor, University of Bath	1990 – 1995
Lister Institute Research Fellow, Leicester University	1987 – 1990
Lecturer in Biological Chemistry, Leicester University	1984 – 1990
Wissenschaftlicher Mitarbeiter der Max-Planck- Gesellschaft, Göttingen, Germany	1983 – 1984
Royal Society European Exchange Fellow, Max-Planck-Institut für Experimentelle Medizin Göttingen, Germany	1981 – 1984
Junior Research Fellow, Wolfson College, Oxford	1980 – 1981
Postdoctoral Research Associate, Dyson Perrins Laboratory, Oxford University	1979 – 1981
Graduate Scholar, Wolfson College, Oxford	1978 – 1980
SRC Research Student, Dyson Perrins Laboratory, Oxford	1977 – 1979
Open Exhibitioner, Worcester College, Oxford	1973 – 1977

EDUCATION

School: Hove County Grammar School, Hove, Sussex	1965 – 1972
University: Oxford University, Worcester College (1973–77); Wolfson College (1977–81)	1973 – 1981

QUALIFICATIONS

D.Sc, Oxford University	1993
D.Phil, Oxford, Investigation of Enzyme Mechanisms Using Substrate Analogues (Supervisor: G. Lowe FRS)	1981
B.A., Oxford University, Chemistry, 1st Class: Part I (1976); Part II (1977); M.A. (1980)	
Supplementary subjects: Chemical Pharmacology; Molecular Biophysics; History and Philosophy of Science	
Part II thesis: "The chemical modification of papain and the mechanism of action of fumarase"	

SCHOLARSHIPS, PRIZES & FELLOWSHIPS

Special Supernumerary Fellowship, University College, Oxford	2016 – 2025
Junior Research Fellowship, Wolfson College, Oxford	1980 – 1981
Graduate Scholarship, Wolfson College, Oxford	1978 – 1980
The Part II Thesis Prize in Organic Chemistry, Oxford University	1977
Worcester College Society Prize (best performance in science subjects honour schools)	1977
Open Exhibition in Natural Sciences, Worcester College, Oxford	1973 – 1977

MAJOR MEDALS & AWARDS

Royal Society of Chemistry, Biological & Medicinal Chemistry Section, 2 nd RSC-BMCS Lectureship	2015/16
European Life Science Award	2012
Royal Society of Chemistry Interdisciplinary Prize & Medal	2010
GlaxoSmithKline International Achievement Award	2009
Royal Society of Chemistry, Biological & Medicinal Chemistry Section, Malcolm Campbell Memorial Prize & Medal	2009
Royal Society of Chemistry, UCB-Celltech Industrially Sponsored Award & Medal for Chemical Biology	2007
Royal Society of Chemistry, George and Christine Sosnovsky Award & Medal in Cancer Therapy	2007/8
2018 Tu Youyou Award for Natural Product and Medicinal Chemistry	2018

HONOURS

Member of <i>Academia Europaea</i> (MAE)	2009
Fellow of the <i>Academy of Medical Sciences</i> (FMedSci)	2012
D.Sc <i>honoris causa</i> , University of Bath	2022

PROFESSIONAL MEMBERSHIPS & FELLOWSHIPS

Fellow of the Royal Society of Biology (CBiol, FRSB)	2008
Fellow of the Institute of Directors (FloD)	2008
Member of the American Chemical Society	2008
Member of the American Association for Cancer Research	2005
Member of the Lister Institute of Preventive Medicine	1995
Fellow of the Royal Society of Chemistry (CChem, CSci, FRSC; Member since 1981)	1990
Member of the Biochemical Society	1985

LECTURESHIPS (SELECTED)

RSC Biological & Medicinal Chemistry Section Endowed Lectureship (Medicinal Chemistry)	2015/16
RSC Interdisciplinary Prize Endowed Lectureship	2010/11
RSC George and Christine Sosnovsky Endowed Lectureship	2007/8
Prestige Lectureship (University of Bradford)	2000
Walsh Memorial Lecturer (University of Dundee)	1993

PUBLICATIONS & PATENTS

Placed in top <0.5% of all international authors in field up to 2020 according to the career long standard citation metric author database in J.P.A. Ioannis *et al PLOS Biology* **2019** *17*(8) e3000384 (updated **2020**); over 550 academic journal publications on biological and medicinal chemistry; h index 71 >21,500 cites, i10 index 400 (Google Scholar); senior co-inventor on ca 770 patent filings worldwide derived from 46 distinct families; 430 formally granted to date including 45 USPs, 25 EPs and 10 JPs.

RESEARCH GRANTS: BRIEF SUMMARY (1984 – 2021)

The Wellcome Trust: Senior Investigator Award £1.41M (1), Programme Grants £2.68M (3), Project grants etc £2.02M (16); Ipsen Group: £9.94M (5); Sterix Limited: £3.67M (4); SERC: £716K (11); BBSRC: £668K (4); The Wolfson Foundation: £370K (3); MRC: £258K (4); EPSRC: £235K (2); CRC: £348K (3); The Lister Institute: £278K (2); Welsh Government/University of Swansea: £134K (2); Imperial College, London/IMPEL: £66K (3); American Cyanamid Inc: £44K (1); Bath Enterprise Development Fund £30K (1); Oxford OIF: £27K (1); ESF: £18K (1); Royal Society: £17K (2); Hertie Foundation: £12K (1); ICI: £8K (1); The British Council: £8K (2); Bath HEIF: £7K (1); Merck Sharp & Dohme: £6K (1); SmithKline Beecham: £5K (1); Research Corporation Trust: £3K (1); **Total ca £23M**

ESTEEM/LEADERSHIP ACTIVITIES (SELECTED)

College of Experts, European Science Foundation (2018–21); Scientific Advisory Committee, Lister Institute of Preventive Medicine (2017–2022); Wellcome Trust Peer Review College (2012–date); Wellcome Trust Molecules Genes & Cells Funding Panel (2006–11); Advisory Board, *Successful Drug Discovery*, Vols 1–3 (IUPAC-Wiley) (2014–18); International Advisory Board *ChemMedChem* (2013–17); Editor *BJChemBio* and Editorial Board, *Biochem Journal* (2009–date); Selection Committee American Association of Cancer Research Award for Outstanding Achievement in Chemistry in Cancer Research (2009–10); ACS Committee to appoint Editor-in-Chief for *ACS Medicinal Chemistry Letts* (2010); ACS Committee to appoint Editors-in-Chief for the *Journal of Medicinal Chemistry* (2009); Associate Editor, *Journal of Steroid Biochemistry & Molecular Biology* (2009–2014); Editorial Board *Future Medicinal Chemistry* (2008–date); Editorial Board *Perspectives in Medicinal Chemistry* (2007–date); Editorial Board *Current Organic Synthesis* (2002–08); Editorial Board *Carbohydrate Research* (2000–09); Editorial Board *AACR Molecular Cancer Therapeutics* (2009–14); Editorial Board *ACS Journal of Medicinal Chemistry* (2009–14); International Advisory Board, Institute of Organic Chemistry & Biochemistry, Prague, Czech Republic (2001–date); Chairman, Medical Biopharma International Grant Awarding Panel Danish Council for Independent Research (2011) [equivalent to UK Research Council]; Sectional Committee, *Academy Medical Sciences* (2008–11); HEFCE REF Expert Group Panel (2009); External Examiner Chemical Pharmacology, Oxford University (2006–08); HEFCE Pharmacy/Pharmacology Panels RAE2001 and RAE2008; Society for Medicines Research, Committee (2002–06); BBSRC Committee, Intracellular Signalling Programme (1992–96); EPSRC Synthetic and Biological Chemistry College (1995–97); Editorial Board *Drug Design and Discovery* (1997–2004); Editorial Board *Biochem Journal* (1990–92).

RESEARCH GROUP Mentored over 80 postdocs and 41 graduate students, chemists and biologists. Student destinations: Academia 42%, Industry 15%, Publishing 4%, Patenting, 4%, Pharmacy/Pharmacology 15%. Sabbatical visitors: Prof D Cech (Berlin) 1988–1989; Prof S Shuto (Sapporo) 1998–1999; Prof R Gigg (London) 1996–2001; Prof A Ramos (Madrid) 2004 – 2005.

UNIVERSITY SPIN-OUT COMPANY/DIRECTORSHIPS

Sterix Limited (1997–2010) a biotech company in medicinal chemistry and hormone-related disorders; founded jointly between University of Bath and Imperial College, London; registered No: 3337831; Founder (1997); Director of Medicinal Chemistry (1998–2004); Chief Scientific Officer (2004–10); Non-Executive Director (2004–10); Acquired by the Ipsen Group, February 2004.

CONFERENCES & LECTURES (SELECTED RECENT ONLY)

Many national and international invitations to deliver invited, plenary and keynote lectures at universities, institutes, industry, at major US and international conferences, eg ACS, AACR, FASEB, ACS-EFMC and Gordon Conferences, organise/chair symposia and serve on advisory boards: eg SCI Cancer Drug Discovery London, 2010 (Invited); CRUK Cancer Medicinal Chemistry, St Andrews 2010 (Plenary); RSC Biological and Medicinal Chemistry Symposium, Cambridge 2010 (Plenary); RSC Cancer Chemistry, London, 2011 (Plenary); International Congress Steroid Research, Chicago, 2011 (Plenary); XV Symposium Chemistry Nucleic Acid Components, Český Krumlov, 2011 (Plenary); 14th RSC Firth Conference, 2011 (Invited); Gordon Research Conference Medicinal Chemistry, New London, USA, 2011 (Invited); International Congress Steroid Research, Chicago, 2013 (Invited & Session Chair); Discovery Chemistry, Munich, 2013 (Keynote); Gordon Conference Nucleosides, Nucleotides & Oligonucleotides, Newport, USA, 2013 (Invited); RSC-India Med Chem Congress, Hyderabad, 2013 (Invited); Human Therapeutics-Where Biology and Chemistry Meet, London, 2014 (Invited); Drug Discovery & International Collaboration, Shanghai, China, 2014 (Plenary); RSC Nucleosides & Nucleotides: Synthetic & Biological Chemistry, London, 2015 (Invited); 19th International Cytochrome P450 Conference, Tokyo, Japan, 2015 (Invited); International Congress Steroid Research, Chicago, 2015 (Co-organiser/Chair); Bridging the Gap between Academia & Industry, London, 2015 (Invited); Challenges Biological, Bioorganic, Organic & Medicinal Chemistry, Barcelona, 2016 (Plenary); Academic Drug Discovery, Cambridge, 2017 (Invited); Society for Endocrinology Conference, Birmingham, 2017 (Keynote); Drugs Discovered in Academia, Philadelphia, USA, 2017 (Plenary); Gordon Conference Drug Metabolism, Plymouth, USA, 2017 (Invited); Cellular Coenzymes in Health and Disease, London, 2018 (Invited); SUPA Conference, Giessen, Germany, 2019 (Invited); Novel Challenges Drug Discovery, Barcelona, 2019 (Keynote); German Congress of Endocrinology, Giessen, 2020 (Invited); Lister Institute for Preventive Medicine, Oxford, 2019 (Keynote); Gp2A, 2020 (Plenary); 56th International Conference Medicinal Chemistry, Bordeaux, France 2021 (Plenary).