

CURRICULUM VITAE

Name: Barry John Potter

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Mandeville, LA 70448

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Birthdate and Birthplace: 05/21/1945 Olney, Buckinghamshire, U.K.

Spouse and Children: Linda + 1 daughter + 3 step-sons

Citizenship: Permanent Resident (Green Card)

Education:

Undergraduate:

B.Sc. General Honours, London University, U.K, Zoology & Chemistry 1966.

Graduate

M.Sc. London University, U.K. Physical Biochemistry 1968.

M.R.I.C. [Member of the Royal Institute of Chemistry] London, UK - now M.R.S.C.
[Member of the Royal Society of Chemistry], 1970.

Ph.D. Clinical Biochemistry, The Royal Free Hospital (Mentors Professor B.H. Billing) &
Middlesex Hospital (Mentor Professor Brian Ketterer) Medical Schools, University of
London, U.K. 1975. Thesis: Complement Activity in Liver Disease.

Post-Doctoral Fellowships

Academic Department of Medicine, The Royal Free Hospital School of Medicine,
London, U.K. (Dr. D.P. Jewell) on The Immunology of Inflammatory Bowel Disease
1975-1980.

Certification: (if applicable, clinical boards, ECFMG, USMLE, etc)

Chartered Chemist (EU): C.Chem. Certification as an accredited chemist with the
European Union.

Chartered Scientist (EU): C.Sci. Certification as an accredited scientist with the
European Union.

Academic, Professional, and Research Appointments:

Research Assistant, Department of Postgraduate Molecular Biology, North East London Polytechnic, London, England. 1966 - 1968

Research Fellow, Department of Postgraduate Molecular Biology, North East London Polytechnic, London, England. 1968 - 1970

Lecturer in Chemistry and Biological Chemistry, Department of Applied Biology, Bromley College of Technology, Kent, England. 1970 - 1971

Biochemist, Academic Department of Medicine, The Royal Free Hospital, London NW3 2QG, England. 1971 - 1972

Senior Biochemist, Academic Department of Medicine, The Royal Free Hospital, London NW3 2QG, England. 1972 - 1980

Honorary Lecturer, Biochemistry Department, The Royal Free Hospital School of Medicine and Academic Department of Medicine, The Royal Free Hospital, London NW3, England. 1976 - 1980

Visiting Assistant Professor, Division of Hematology, Department of Medicine, Mount Sinai School of Medicine, New York, N.Y. 10029, 1980 - 1982

Visiting Professor, Departamento de Medicina Interna, Clinica Universitaria, Universidad de Navarra, Pamplona, Spain. 1981 - 1982

Assistant Professor, Hepatic Research Group, Division of Hematology, Department of Medicine, Mount Sinai School of Medicine, New York, NY 10029, 1982 - 1987

Associate Professor, Hepatic Research Group, Division of Hematology, Department of Medicine, Mount Sinai School of Medicine, New York, NY 10029. 1987 - 1990

Associate Professor, Division of Liver Diseases, Department of Medicine, Mount Sinai School of Medicine, New York, NY 10029, 1990 - 1992

Associate Professor, Department of Physiology, Louisiana State University Medical Center, New Orleans, LA 70112-1393. 1993 – 2012.

Professor, Department of Physiology, Louisiana State University Medical Center, New Orleans, LA 70112-1393. 2012 - present.

Deputy Director, Animal Core Facility, Alcohol Research Center, Louisiana State University Medical Center, New Orleans, LA 70112-1393. 1993 - 1999

Director, EPR Core Facility, Louisiana State University Medical Center, New Orleans, LA 70112-1393. 2004 - present

Adjunct Professor, School of Nursing, Louisiana State University, Health Sciences Center, New Orleans, LA 70112. 2006 – present.

Membership in Professional Organizations:

Chemical Society/Royal Society of Chemistry (1964/1970)
Biochemical Society, U.K. (1970)
Institute of Biology (1974)
European Association for the Study of the Liver (1974)
British Society of Immunology (1975)
American Association for the Study of Liver Diseases (1984)
American Association for the Advancement of Science (1985)
Tissue Culture Association (1986)
New York Academy of Sciences (1986)
Research Society on Alcoholism (1987)
International Association for the Study of the Liver (1988)
East Coast Iron Club (1990)
International Society on the Biological Reactions of Alcohol (1992)
International EPR Society (2004)
Society for Free Radical Biology & Medicine (2004)
International Society for Free Radical Research (2004)
ESR Section, Royal Society of Chemistry (2007)
American Chemical Society (2008)

Awards and Honors: (include sabbaticals)

1991 Elected to Fellowship of the Royal Society of Chemistry (England): F.R.S.C..

Teaching Experience/Responsibilities:

1966 - 1968 Demonstration and assistance in the organization of special (non-credit) courses, organized by the Department of Postgraduate Molecular Biology, including the following: centrifugation, amino acid analysis, protein fractionation, electrophoresis and isoelectric focusing, chromatography and electrophoresis, practical radioactivity for High School & technical college teachers and technicians at other institutions (North East London Polytechnic, Waltham Forest, London E 17, U.K.). Courses usually 6-8 weeks; participation on average 6-8 hours/week

1968 - 1970 Lecturing, demonstrating and organizing the above courses. Participation on average 10-12 hours per week on each course.

1969 - 1972 Organization and teaching on Evening Institute Courses (Chingford, London E4, U.K.) on the Natural History of European Forests. Specialist lectures on entomology and small mammals (2 hour lectures [8-10 total] – non credit – fall semesters).

1970 - 1971 Lecturing on Biological Chemistry to HNC (Higher National Certificate - Applied Biology/MLS) and M.I.Biol (Professional Membership of the Institute of

Biology) levels 918 hours/semester), Organic Chemistry to ONC (Ordinary National Certificate) level 12 hours/semester), Analytical Biochemistry as an HNC specialist subject (9 hours/semester), and Special Biochemistry of Macromolecules as an M.I. Biol specialist subject (24 hours/semester). Bromley College of Technology, Bromley, U.K.. Students enrolled predominantly from Burroughs Wellcome.

1971 - 1972 Teaching Research Techniques, including Biostatistics, Ultracentrifugation and Liquid Chromatography, to Hospital and (Royal Free School of Medicine) Medical School staff (24-27 hours /year).

1973 - 1974 Lecture series to (Royal Free School of Medicine) Hospital and Medical School staff on (1) Practical Aspects of Centrifugation (8 hours) and (2) on Immunochemistry (12 hours).

1975 - 1976 Demonstrator (Instructor) to Dr. W. Tampion in the Biochemistry Department, The Royal Free Hospital School of Medicine. Ran laboratory practical exercises on immunoassays for Medical Students (18 hours).

1976 - 1977 Locum Lecturer for Dr. W. Tampion (standing in while Dr. Tampion was on sabbatical). Lectures on endocrine function & laboratory exercises to Medical Students 30 hours).

1976 - 1980 Organization of lectures and short courses on specialist subjects for scientific and medical staff on behalf of the Scientific and Technical Advisory Committee (STAC) of the Royal Free Hospital and School of Medicine. Teaching on these courses, which included advanced statistical analysis, experimental design, immunology, cell and molecular biology (30 hours/year).

1988 - 1992 Lecturing to Medical Students on the Clinical Correlates Course in the Department of Biochemistry, Mount Sinai Medical Center. Lectures on hepatic function in health & disease (6 hours/year).

1993 - Lecturing to: (a) Medical Students in the Medical Physiology course (2-7 hours depending on year), (b) Allied Health Students in the human Physiology Course (3- 24 hours depending on semester) and (c) Nursing students in the Human Physiology Course (3-24 hours per semester) – run in spring & fall semesters.. Deputy Director of Allied Health Physiology Course (1994-1999). Involvement in the practical classes associated with all of these courses. Teaching on ICM course to 2nd year Medical Students on physiologic basics of cases involving liver diseases (3 hours). Involvement in physiology laboratory courses for all levels of students. Graduate course on History and Philosophy or Science (6 hours).

1995 Drug and Alcohol Abuse Course to Delgado Students (Non credit course). Lectures included alcohol metabolism & effects of ethanol abuse on the body (6 hours).

1995-1998 HLSC6410 Pathophysiology Course for Nurse-Practitioner Students (Graduate level) leading to the MN degree. Lectures on GI & hepatic pathophysiology (9 hours)

1997- 2001 Teaching on alcohol abuse to St. Tammany Parish High School students (6 hours).

1998 Teaching in graduate student course on Microbial Pathogenicity, Department of Medical Microbiology, Creighton University, Omaha NE (Course Director M. J. Gentry, Ph.D.) Lectures on transport processes for trace metals (4 hours).

1999-2001 Course Director on Graduate Special Topic Course on Liver Physiology and Pathophysiology, PHYS 283 (2 credit hours). Lectures covered modern transport theories & GI interaction as well as pathophysiology of representative hepatic & biliary disorders (2 credits ~ 30 hours).

1999-2005 Co-Director, Graduate course on History and Philosophy of Medical Science, PHYS 281 (2 credit hours). Course covered the development of medical science from ancient (prehistoric) time through to the start of the 20th Century. Students encouraged to prepare short presentations on selected historic medical & scientific figures.

2003-2005 Nurse Anesthetist Physiology Course (NUR 8303) – Masters level course – GI & Renal Physiology & Pathophysiology (3 Credit Hours).

2003 MD/Ph.D. Students – Problem-Oriented Research: The Liver (joint with Dr. Wayne Backes ~ 3hours)).

2004-present Co-Director/Course Director (2006), INTER 220, Graduate course on Ethics in the Biomedical Sciences (Required course for Masters and Doctoral students at LSUHSC). Lectures on the basis of ethics & discussion sessions on general medical & scientific ethical dilemmas (1 credit ~ 15 hours).

2004 Education Majors, Loyola University, New Orleans, LA. Lecture series on Infectious Diseases and Drugs of Abuse in Society (12 hours).

2005 – 2007 Teaching GI/Liver Physiology (INTER 213) to 1st year LSUHSC Graduate Students in the Interdisciplinary Introduction Course (3 hours).

2005 - present Course Director, HLSC 6410, Advanced Pathophysiology to Nurses in the General Master's Program for Nurse Practitioners (not CRNA) 3 credits ~ 45 hours).

2005 – 2010 Co-Course Director, HLSC 3410, Pathophysiology for BSN students (sophomore II level). Lectured on several sections including genetics, infection, immunology & GI pathophysiology (6-9 hours/semester; course run twice/year).

2006 Course Director, GENE 220, Ethics in the Biomedical Sciences to Students in School of Public Health, LSUHSC (at UNO Lakefront Science & Technology Center). Asynchronous course with INTER 220.

2006 - 2008 Course Director HLS 3410RN. Pathophysiology for Students with RN qualification leading to BSN degree. Web-enhanced course utilizing web-CT.

2007 Course Director, PCHL4310, Xavier University School of Pharmacy. Advanced pathophysiology for Pharm.D. students (4 credit hours).

2011 – present Course Director HLSC 3410 CARE/RN/Traditional Pathophysiology for nurses leading to the BSN degree. 3 credit hour courses run in both fall & spring semesters.

2014 Course Director Physiology Special course (PHYS 219 [2]): Physiology & Pathophysiology of the Gastrointestinal System – Update, 2 credit hours.

Curriculum Development/Implementation

Development of Nursing Pathophysiology & Advanced Pathophysiology Courses (2005 – present).

Creation of Enduring Teaching Materials

Archived Wimba lectures on Human Pathophysiology.

Formal Course Responsibilities

Medical School:

Liver Lectures 2 hrs 1994-2001.

GI Physiology Lectures 7 hrs/yr (2006 – present)

Graduate Studies:

Ethics in the Biomedical Sciences Lecture 10-12 hrs/yr. 3-4 hrs leading discussion (2004 –present).

Physiology & Pathophysiology of the Gastrointestinal System (PHYS 219[2]) 2 credit hours – 18 hrs lecture

Occupation Therapy:

Physiology lectures 7-15 hrs/yr (1993 – present), laboratory 18 hours (1993-2005)

Nursing:

Advanced Pathophysiology (Master's) Lecture 45 hrs/yr (2005 – present)

Pathophysiology (BSN) Lecture, 12 hrs lecture, 36 hours laboratory (2001 - 2005) 18 hrs lecture (2005-2010), 80-90 hrs/yr (2011 – present)

Pathophysiology (BSN to RN) Lecture, 45 hrs lecture (2005-2008 & 2011 – present).

Pathophysiology (BSN -CARE) Lecture, 12 hrs lecture (2005-2008), 45 hrs (2011 – present)

Physiology (BSN) lecture 30-36 hrs/yr (2001-2010), 24 hrs (2011- present)

Teaching Awards:

Nominated for Aesceplarian Award for excellence in teaching 2011

Graduate Students Trained:

Mount Sinai Medical Center:

Dr R.M. Nunes (1978 - 81) & Dr. O.M. Beloqui (1982 - 1984) [Universidad de Navarra, Pamplona, Spain]. Thesis and Dissertation Committees:

LSUHSC (Dissertation Committees):

Renee M Bergeron : Regulatory factors influencing the ethylbenzene-mediated expression of cytochrome P450 enzymes. Ph.D., 1995.

Sonia C. Serron: Hydrocarbon-modulated cytochrome P450 expression- pituitary hormone regulation and a possible mechanism of toxicity. Ph.D., 1997.

Mathew M. Edevetaal: The effects of the Walker 256 carcinosarcoma on myocardial performance. Ph.D., 1997.

Julie L. Ponthier: Cellular anti-oxidant and pro-oxidant actions of nitric oxide. Ph.D., 2001.

Russell W. Kelley: Functional interactions of multiple cytochrome P450 isoforms in liposomal membranes. Ph.D., 2004.

Nicole LeCapitaine: Deletion of the p66^{shc} gene attenuates the cardiomyopathy produced in a murine model of diabetes by preserving cardiac stem cell function. Ph.D., 2006.

Paige S. Katz: The role of angiotensin II type 1 receptors in type 2 diabetes-induced coronary artery remodeling. Ph.D., 2011.

Kirk Hutchinson: Functional and molecular remodeling following reversal of volume overload heart failure. Ph.D., 2011.

Jessica Bradley: Environmental particulate matter and the aryl hydrocarbon receptor: impact on cardiac structure and function. Ph.D., 2013.

Post-Doctoral or Post-Residency Fellows Trained:

Mount Sinai Medical Center:

Dr W. Stremmel (1980 - 1983),

Dr. R.M. Nunes (1981 - 1985),

Dr. H. Okuda (1983 - 1986),

Dr. O. Beloqui (1984-86),

Dr H. Zhang (1988 - 1991)

Dr. J.-Z. Ni (1990 - 1992),

Dr. Z.-H. Zheng (1991 -1992).

**Grants and Contracts: (note role on grant; i.e. PI, co PI, consultant, etc)
Funded**

1977 - 1980 L.O.C.R. (N.H.S. - England). Joint project (co-PI) with Dr. D.P. Jewell on the Isolation and characterization of immune complexes in Inflammatory Bowel Disease. Approximately \$90,000

1981 - 1984 Monique Weill-Caulier Foundation award (Potter PI) for a project on the interaction of iron and transferrin with the liver in the rat. \$115,000.

1982 - 1986 Consultant to the University of Navarra and the Government of the Region of Navarra (S.A.N.D.E), Spain, during the establishment of a University-run Industry for the production of monoclonal antibodies. Preparation of proposals for submission to regional government. Negotiations with national and international biotechnology companies and various government departments. Start-Up and initial development commenced in 1987.

1986 - 1989 NIAAA (National Institute on Alcoholism and Alcohol Abuse) award on the effects of alcohol on iron homeostasis (Potter PI). \$217,852 (direct costs) [1RO1 AA06860]

1988 - 1992 NIAAA award on the use of cultured rat hepatocytes as a model of alcohol metabolism (Potter PI). \$230,325 (direct costs) [1RO1AA 07383].

1989 - 1993 NIAAA award - Competitive Renewal on the effects of alcohol on iron homeostasis (Potter PI). \$282,630 (direct costs). [2RO1 AA06860].

1990 - 1994 NIAAA award on the effects of ethanol on hepatic organic anion uptake (Potter PI). Direct costs - \$307,212 [1RO1AA 08742].

1993 - 1998 NIAAA award to Institution for Center Grant on Alcohol, Infection and Host Response (AAP50-09803, J. J. Spitzer, Director), 5% Salary as Deputy Director, Animal Core Facility.

1996 - 1997 Consultant to Skyy Vodka/Expert Witness on the Effects of Congeners in alcoholic Beverages. Scientific advice to lawyers on congener content of alcoholic beverages & relevant toxicities.

1998 - 2003 NIAAA competitive continuation award to Institution for Center Grant on Alcohol, Infection and Host Response (AAP50-09803, J. J. Spitzer, Director), 5% Salary as Deputy Director Laboratory Core Facility.

2001 - 2002 Institutional Seed money for a project titled: "Modulation of hepatitis C viral pathogenesis by alcohol abuse (Potter PI).

2001 - 2003 Consultant to Taylor, Porter, Brooks & Phillips, L.L.P./Expert witness on Blood Alcohol Levels & breathalyzer design.

2003 –2006 N.I.A.A.A. award to Xavier University of Louisiana/LSUHSC for Alcohol Research Planning and Development Program (U01 AA 014293 -V. Kishore PI), 5% salary co-investigator/ mentor to Dr. Patience Obih.

2008 - 2013: COBRE award [P20 RR018766 D Kapusta PD]. Co-Director, Cell & Molecular Analysis Core (Includes EPR & Proteomics units) & Mentor.

2008 - 2013: R01 subcontract P. Rocic PI at University of South Alabama, Mobile, AL. 10% effort: "Regulation of Coronary Collateral Growth in the Metabolic Syndrome" NHBLI R01 HL093052

2008 - 2013: Consultant - E.Lazartigues PI: "Role of Brain-targeted ACE2 over-expression on angiotensin-II-mediated hypertension "NHBLI R01 HL093178.

2009 – 2012 Deans Award Allied Health for preliminary work on prognostic indicators in COPD; co-investigator - J. Zamjahn PI, Allied Health (\$60,000).

Pending funding

Non-funded applications (last three years)

Vitamin E-mediated Organ Protection in Alcohol Abuse (Potter PI) 2009

Oxidative Stress & Cardiovascular Function during Sepsis (McDonough PI) 2009.

Development of a Prognostic Indicator in Pulmonary Sarcoidosis (Zamjahn PI) 2009

Protection against antioxidant stress in a model of NASH (Potter PI) 2009

Bruker ELEXSYS EPR Dual Frequency Imaging and Spectroscopy System (Potter PI) 2009.

Quantum Dot Probes for Alcohol Biomarker Detection (R43 – Aguilar PI) 2009.

Bruker EMX plus EPR spectroscopy system (Potter PI) 2010 & 2011.

Research Review Committee: (NIH study section, etc)

AdHoc Reviewer, Center for Scientific Review NIH (AlcTox 4 study section). 1998

Reviewer, Center for Scientific Review (N.I.H.) Special Emphasis Panel, ZRG1 SSS8 (10): Bioengineering/Physiology (name changed to SSMI-K (10B) in 2004, SSMI Q(10) in 2007 & SBIB-Q(11) in 2011) 1999-present [3x per year – missed 2 sessions].

Reviewer, Center for Scientific Review (N.I.H.) Special Emphasis Panel, ZRG1 SSMI-K (50B): Nanotechnology. 2004 – present 1 x per year].

Chairman, NIH AIDS & Alternative Medicine, Center for Scientific Review (N.I.H.), Special Emphasis Panel ZRG1 AARR-B (05). 2004.

Reviewer for American Institute of Biological Sciences SPARS program: Hemorrhage and Resuscitation Panel. 2004 – 2006.

Reviewer for Center for Scientific Review (N.I.H.), ZRG1 AARR-A (91): Applications dealing with special topics outside the scope of AARR SRGs. 2005.

Reviewer for American Institute of Biological Sciences SPARS program: Technologies for Metabolic Management (TMM) Panel. 2005 - 2007.

Reviewer for American Institute of Biological Sciences K-INBRE program (Kansas IDeA Network of Biomedical Research Excellence). 2005 – present.

Reviewer, Center for Scientific Review (N.I.H.) Special Emphasis Panel, ZRG1 SBIB-K (26L): Fellowships: Biomedical Sensing and Instrumentation. 2005 – present [1 x year].

Chairperson, Center for Scientific Review (N.I.H.), Special Emphasis Panel, ZRG1 SSMI-K (10B) Bioengineering/Physiology. 2007.

Reviewer, Center for Scientific Review (N.I.H.), Special Emphasis Panel, ZRG1 SBIB-K (40) (P). 2007.

Reviewer, National Institute on Alcohol Abuse and Alcoholism Special Emphasis Panel, ZAA1 JJ(11). 2007 – 2009.

Chairperson, National Institute on Alcohol Abuse and Alcoholism Special Emphasis Panel, ZAA1 JJ(11). 2009 – present.

Reviewer, National Center for Manufacturing Sciences (NCMS), for the Michigan 21st Century Job Fund Business Plan Competition. 2008 - present.

Chairperson, National Institute on Alcohol Abuse and Alcoholism Special Emphasis Panel, ZAA1 GG(40) (changed to DD(40) in 2011). 2009 – present [As needed].

Chairperson, National Institute on Alcohol Abuse and Alcoholism Special Emphasis Panel, ZAA1 GG(01), 2011.

Papers Presented:

Seminars and Invited Presentations: (include visiting professorships)

April 1979 National Institutes of Health, Bethesda, MD. Lecture entitled: "Complement activation and metabolism in liver disease".

June, 1983 Universidad de Navarra, Pamplona, Spain. Department of Medicine Research Seminar entitled: "Transferrin metabolism in liver disease".

November, 1984 Universidad de Navarra, Pamplona Spain. Department of Medicine Research Symposium on Iron, transferrin and alcohol.

June, 1985 Universidad de Navarra, Pamplona, Spain. Medical Grand Rounds lecture entitled: "The effects of alcohol on iron homeostasis". Department of Medicine Research Seminar entitled: "The kinetics of organic anion uptake by liver membrane vesicles".

February, 1987 Albert Einstein College of Medicine, The Bronx, New York, U.S.A., Liver Unit Seminar entitled: "Transferrin, iron and alcohol".

November, 1991 Foreign Medical Graduate Review Course, Slade House, New York. Seminar entitled: "Liver Function Tests".

July, 1992 Alcohol and Drug Abuse Center, Department of Physiology, Louisiana State University Medical Center, New Orleans. Seminar entitled: "New Insights into Endotoxin-Induced Hypoferremia".

September, 1992 Department of Medicine, SUNY at Stony Brook, NY. Lecture entitled: "The Effects of Alcohol and Endotoxins on Liver Iron Homeostasis".

September, 1997 VA Medical Center, Omaha, NE. Lecture entitled: "The N'Awlins Model of Alcohol Abuse".

February, 1998 VA Medical Center, Omaha, NE. Lecture entitled: "The Enigma of First Pass Ethanol Metabolism in Male and Female Guinea pigs".

April 2013, LSUHSC Physicians @ Ochsner, Kenner: Seminar: Human Research subject Protection – History & current guidelines.

Plenary lectureships at professional meetings/symposia

May, 1979: British Association for Clinical Biochemistry meeting, Westcliffe, England. State of the art lecture entitled: "Complement activation in disease states".

April, 1981: Universidad de Navarra, Pamplona, Spain. Medical Grand Rounds lecture entitled: "Complement activation in liver disease".

May, 1981: Universidad de Navarra, Pamplona, Spain. Departamento de Medicina Interna lecture entitled: "Complejos Inmunes y Activacion del Complemento en Enfermedades del Hgado".

May, 1986: University of Brisbane, Queensland, Australia, Satellite Iron Symposium lecture entitled: "Transferrin-bound iron metabolism in the alcoholic rat".

May, 1986: Westmead Hospital, The Paramatta Hospitals, New South Wales, Australia, Medical Grand Rounds lecture entitled: "Alcohol and iron".

June, 1989: Research Society on Alcoholism meeting, Beaver Creek, Denver, Colorado. Lecture in Symposium on the Pathogenesis of alcoholic liver disease entitled: "The

effects of prostaglandins and other secondary modulators on the pathogenesis of alcoholic liver damage".

June, 1990: Second International Symposium on Artificial Liver Support, Celle, Germany. Lecture entitled: "Animal models of fulminant hepatic failure and hepatic encephalopathy".

May, 2003: VA Cooperative Studies Program; Iron and Atherosclerosis Study meeting, New Orleans, LA. Keynote Address: "Cellular Iron Homeostasis: Implications for Alcoholism and Infection".

Visiting professorships or seminars

1980 - 1982 Visiting Assistant Professor, Division of Hematology, Department of Medicine, Mount Sinai School of Medicine, New York, N.Y. U.S.A.

1981 - 1982 Visiting Professor, Departamento de Medicina Interna, Clinica Universitaria, Universidad de Navarra, Pamplona, Spain.

Editorial Posts and Activities:

1991-1994 Editorial Board of Hepatology (editor - Dr. P.D. Berk).

1991-1996 Editorial Board of Alcoholism: Clinical and Experimental Research (editor - Dr. M. Rothschild).

Reviewer status

1992 – present Reviewer for Alcoholism: Clinical and Experimental Research

2011 – present Reviewer for Nanomedicine.

University/Institutional Service:

Departmental committees

School of Medicine committees

LSUHSC (campus) committees

1998 – 1999 Alternate member (for Dr. H.I. Miller) on Institutional Review Board (IRB) at LSUMC.

1999-2007 Full member of Institutional Review Board(IRB) for research on human subjects at LSUHSC.

2007 – present. Vice-Chair, Institutional Review Board, Louisiana State University Health Sciences Center, New Orleans, LA. Chair meetings in Chairman's absence & countersign research documents (signatory authority for IRB decisions).

Professional society committees

1994-1996 Executive Committee Member, Royal Society of Chemistry, U.S. Section.

2008 – present Member Outreach Committee, Society for Free Radical Biology & Medicine

Special assignments – ad hoc task forces/working groups, projects, etc

2001 - 2002 Chair IRB Tissue Banking Sub-committee

2010 – present (ongoing) Member AAHRP (Association for the Accreditation of Human Research Protection Programs) accreditation IRB sub-committee working on accreditation of the Institution for human research & clinical trials.

Departmental

1993 - 1996. Organization and management of Departmental Research Seminars. This entailed contacting and arranging for speakers both from within the department & from other institutions

Books:

Ultracentrifugation. J.S. McCall and **B.J. Potter** (1973). Laboratory Monographs, Bailliere-Tindall, London.

Book Chapters:

1. Mechanisms of hepatic bilirubin uptake (1985). P.D. Berk, W. Stremmel, H. Okuda, N. Tavoloni, S. Kochwa, **B. Potter**, R. Nunes, M. Shepard and C-L Kiang. In: Hepatology: A festschrift for Hans Popper, edited by H. Brunner and H. Thaler. Raven Press, New York, pp 359 - 370.
2. Progress in understanding the mechanisms of organic anions uptake by the liver (1985). P.D. Berk, W. Stremmel, R. Nunes, **B.J. Potter**, H. Okuda, N. Tavoloni, S. Kochwa, C-L Kiang, M. Shepard, B. Blades and M.J.T. Jones. In: Trends in Hepatology, edited by L. Bianchi, W. Gerok and H. Popper. MTP Press, Lancaster, pp 41-52.
3. Update on bilirubin metabolism (1986). P.D. Berk, N. Tavoloni, **B.J. Potter**, W. Stremmel, R. Nunes and H. Okuda. In: Recent advances in hepatology, Vol 2, edited by H.C. Thomas and E.A. Jones. Churchill Livingstone, London, pp 13-44.
4. The sinusoidal surface of the hepatocyte: a dynamic plasma membrane specialized for high volume molecular transit (1987). P.D. Berk, **B.J. Potter** and W. Stremmel. In: Modulation of liver cell expression, edited by W. Reutter. MTP Press, Lancaster, pp 107-125.

5. Characteristics of organic anion binding proteins from rat liver sinusoidal plasma membranes (1989). P.D. Berk, **B.J. Potter**, D. Sorrentino, W. Stremmel, D. Stump, C.-L. Kiang and S.-L. Zhou. In: Hepatic Transport in Organic Substances, edited by E. Petzinger, R.K.-H. Kinne and H. Sies, Springer-Verlag, Berlin and Heidelberg, pp. 195-210.
6. Mechanisms of cellular uptake of free fatty acids (1989). **B. J. Potter**, D. Sorrentino and P.D. Berk. Annual Review of Nutrition, volume 9, Annual Reviews Inc., Palo Alto, California, pp 253 - 270.
7. From albumin to the cytoplasm: the hepatic uptake of organic anions (1990). D. Sorrentino, **B.J. Potter** and P.D. Berk. In Progress in Liver Disease, volume IX, edited by H. Popper and F. Schaffner, Academic Press, pp 203-224.
8. Alcohol and hepatic iron homeostasis (1991). **B.J. Potter**. In: Alcohol and Drug Abuse Reviews: Volume II: Liver Pathology and Alcohol, edited by R.R. Watson, Humana Press, New Jersey, pp 1-60.
9. Animal models of hepatic failure and hepatic encephalopathy (1992). **B.J. Potter** and P.D. Berk. In: Artificial Liver Support: Concepts, Methods, Results, second edition, edited by G. Brunner and M. Mito, Springer-Verlag, Berlin, pp 94-120.
10. Liver plasma membrane fatty acid binding protein (1993). **B.J. Potter** and P.D. Berk. In: Hepatic Transport and Bile Secretion: Physiology and Pathophysiology, edited by N.Tavoloni and P.D. Berk, Raven Press, New York, pp 253-267.
11. The impact of alcohol on free radical formation and chemokine release by Kupffer cells: The role of tolerance, sensitization, iron and HIV-1 GP120 (1999). A.P. Bautista, J.J. Spitzer, **B.J. Potter** and M. Bukara. In: Cells of the Hepatic Sinusoids, volume 7, edited by E. Wisse, D.L. Knook and R. Fraser, The Kupffer Cell Foundation, Leiden, 90-95.
12. Regulation of Coronary Microvascular Resistance in Health and disease (2008). C. Zhang, P.A. Rogers, D. Merkus, J.M. Muller-Delp, C.T. Tiefenbacher, **B. Potter**, J.D. Knudson, P. Rocic and W.M. Chilian. In: Handbook of Physiology: Microcirculation, edited by R.F. Tuma, W.N. Duran and K. Ley, Academic Press (Elsevier), The Netherlands, 521-549.

Videos and Multimedia:

1. The Liver: Overview (2004). **B.J. Potter**, X-Pharm (Pharmacology-on-line), executive editors S. J. Enna and D.B. Bylund, Principles section editor L. Wecker. Elsevier Life Sciences; http://www.xpharm.com/citation?Article_ID=394 .
2. The Liver: Structure (2004). **B.J. Potter**, X-Pharm (Pharmacology-on-line), executive editors S. J. Enna and D.B. Bylund, Principles section editor L. Wecker. Elsevier Life Sciences; http://www.xpharm.com/citation?Article_ID=10231 .
3. Biliary and Fecal Drug Excretion (2004). **B.J. Potter**, executive editors S. J. Enna and D.B. Bylund, Principles section editor L. Wecker. Elsevier Life Sciences; http://www.xpharm.com/citation?Article_ID=66 .

4. Components of the Hepatic System (2004). **B.J. Potter**, X-Pharm (Pharmacology-on-line), executive editors S. J. Enna and D.B. Bylund, Principles section editor L. Wecker. Elsevier Life Sciences; http://www.xpharm.com/citation?Article_ID=395 .
5. Drug Biotransformation (2004). **B.J. Potter**, X-Pharm (Pharmacology-on-line), executive editors S. J. Enna and D.B. Bylund, Principles section editor L. Wecker. Elsevier Life Sciences; http://www.xpharm.com/citation?Article_ID=361 .
6. Hepatic Transport Mechanisms (2004). **B.J. Potter**, X-Pharm (Pharmacology-on-line), executive editors S. J. Enna and D.B. Bylund, Principles section editor L. Wecker. Elsevier Life Sciences; http://www.xpharm.com/citation?Article_ID=396 .
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