



**BARON, Roland, D.D.S., Ph.D.,** Professor of Medicine, Harvard Medical School, Endocrine Unit Massachusetts General Hospital; Professor and Chair, Department of Oral Medicine, Infection and Immunity, Harvard School of Dental Medicine, Boston, Massachusetts, USA

Candidate For: President-Elect

Statement of Interest: My entire career has been devoted to the field of bone and mineral research. In fact, my career overlaps almost entirely with the life of ASBMR.

While I was not among the founders; I have participated in every ASBMR meeting since the first one in 1978, which gathered only a few hundred participants. My laboratory presented several abstracts at each of these ASBMR meetings and often received young investigator or travel awards. I was on the Council of ASBMR from 1991 to 1994 and was Chair of the Program for the 16<sup>th</sup> ASBMR Annual Meeting.

I also served the field in many other ways. In 1977, I founded *Bone* (then called *Metabolic Bone Disease and Related Research*); a journal I am very proud of. I became editor-in-chief many years later and have served until now. *Bone* has been the official journal of IBMS, and I have been on the IBMS board for many years as well. I have also organized and chaired a Bone and Teeth Gordon Conference (1991) and two meetings of the ECTS (2010 and 2011), and participated in the activities of the NIH, although only modestly.

Through research done in my laboratory, in industry or in collaboration with many scientists in the field, I have co-authored over 300 scientific papers on bone and mineral research. Finally, I have trained more than 110 PhD, MD, DDS, MD-PhD or DDS-PhD students and/or postdoctoral fellows, several of whom are now outstanding scientists in our field.

Having devoted my entire life to bone and mineral research and ASBMR being at the very center of this field, it is quite natural for me to be a candidate to become the next President of this extraordinary organization. Although I see it as a great honor if I was indeed elected, this is certainly not my only motivation. My main motivation is actually the sense that I could contribute to the further growth and continued success of ASBMR, particularly because I have been exposed to all aspects of our field during my career. Indeed, I see the future of ASBMR and of our field requiring strength in, and better communication between, all four pillars of medical science: both basic and clinical research, and performed both in academia and in industry. Having actively participated in all of these settings, I believe I can bring a complete vision of the field and help further develop and expand ASBMR. I also feel very strongly that we need at the same time to continue to ensure the financial soundness of ASBMR and find ways to better support research and education in our field at a time when NIH is subjected to so many restrictions. Finally, I truly believe that ASBMR is de-facto an international society and that all bone and mineral societies in the world should work together towards a common goal. This led me to propose to ASBMR to start an international federation when I was president of the ECTS and I am very pleased to see that this initiative has been taken. If elected I intend to put significant efforts into making this become a success and a further enhancement of our field worldwide.

Finally, I have been on several scientific society boards, sometimes as President, on fiduciary boards in industry and on multiple advisory boards, both pre-clinical and clinical, and I have headed large groups in both academia and industry. I believe this has prepared me well for running an organization such as ASBMR if elected.

Education/Training/Positions: B. S., University of Paris, Paris, France, 1962; D.D.S., University of Paris Medical School, Paris, France; 1968; Oral Biology Certificate, 1970; Periodontology Certificate, 1971; Ph.D., University of Paris, Paris France, 1972. Positions: Laboratory Instructor in Histology and Physiology, University of Paris V Dental School, 1968-1970; Assistant Professor in Physiology, University of Paris V Dental School, 1970-1975; Assistant Odontologist, Assistance Publique, Hospital A. Chenevier, Creteil,

France, 1970-1975; Associate Professor of Biology, University of Paris V Dental School, 1975-1977; Head, Section of Physiology, University of Paris V Dental School, 1977-1979; Odontologist, Assistance Publique, Hospital A. Chenevier, Creteil, France, 1975-1977 ; Assistant Professor in Pathology, Yale University School of Medicine, 1977-1979; Assistant Professor in Internal Medicine and Cell Biology, Yale University School of Medicine, 1979-1982; Associate Professor in Internal Medicine, Lecturer in Cell Biology, Yale University School of Medicine, 1982-1984; Associate Professor in Internal Medicine, Associate Professor in Cell Biology, Yale University School of Medicine, 1984-1985; Tenured Associate Professor in Orthopedics, Internal Medicine and Cell Biology, Yale University School of Medicine; 1985-1988; Member of the Yale Core Center for Musculoskeletal Disorders, 1985-2007; Member of the Yale Comprehensive Cancer Center, 1985-2007; Professor in Orthopedics and in Cell Biology, Yale University School of Medicine, 1988-2007; Professor and Chair, Department of Oral Medicine, Infection and Immunity, Harvard School of Dental Medicine, Boston, MA, 2008-Present; Professor, Department of Medicine, Harvard Medical School, Endocrine Unit, Massachusetts General Hospital, Boston, MA, 2008-Present

Honors/Awards: BoneKey Most Read Paper Award, IBMS, 2010; William F. Neuman Award, ASBMR, 2009; Gideon Rodan Honorary Lecture Award, New York Symposium on Skeletal Biology, New York, April 2009; D. Harold Copp Award in Basic Research, IBMS, Geneva 2005; Travel Award, Japan Society for the Promotion of Science, 2002; Louis V. Avioli Founders Award, ASBMR, 2002; Doctor Honoris Causa, University René Descartes, Paris Sorbonne, France, 2002; Seymour J. Kreshover Lecture Award, National Institute of Dental and Craniofacial Research (NIDCR), National Institutes of Health (NIH), Bethesda, Maryland, 1997; MERIT Award National Institutes of Health, NIDCR, Bethesda, Maryland, 1993; Ph.D. Thesis Prize, Silver Medal, Laureate of Paris V University, Paris, France, 1972

Editorial Duties/Peer Review Panels: Founder (1977) and Editor-in-Chief, *Bone*, 1995- present; Editorial Board, *Endocrinology*, 2011-present; Associate Editor, *Journal of Cellular Physiology*, 2003-present; Editorial Board, *Molecular and Cellular Endocrinology*, 2005- 2012; Editor, *Journal of Cellular Physiology*, 1995- 2003; International Advisory Board, *Journal of Bone and Mineral Metabolism*, 1995-present; Editor, *Bone*, 1985-1994; Associate Editor, *Journal of Cellular Physiology*, 1993-1994; Editorial Board, *Journal of Bone and Mineral Research*, 1985-1995; International Editorial Board of the Israel Workshop on Calcified Tissues, 1982

Professional Societies: Board of Directors, International Bone and Mineral Society (IBMS), 1995-2012; President Elect, European Calcified Tissue Society (ECTS), 2007-2008; President, European Calcified Tissue Society (ECTS), 2008-2011; Council Member, ASBMR, 1991-1994

Advisory and Award Committees: External Scientific Committee to INSERM and Nice University for the Mediterranean Research Center for Molecular Medicine, 2006-2010; Scientific Advisory Board, Harvard School of Dental Medicine, Cambridge, MA 2003-2007; Program Project Scientific Advisory Committee, Massachusetts General Hospital, Endocrine Section, 1992-2004; European Calcified Tissue Society Award Committee, 2003; ASBMR Award Committee, 2004

Meeting Organizer: *Chair positions:* Vice-Chairman, Gordon Research Conference on Cell and Molecular Biology of Bones and Teeth, 1989; Chairman, Gordon Research Conference on Cell and Molecular Biology of Bone and Teeth, 1991; Co-Chairman, Workshop on Bone Biology, International Institute Research Servier, 1992; Co-Chairman, Symposium Roussel - Hoescht on Ion Transport in Bone Cells, 1994; Chairman, Scientific Program Committee, ASBMR, 1994; Co-Chairman, Symposium Roussel on Growth Factors in Bone, Paris, France, 1996; Co-Chairman, Symposium Roussel on Integrins, 1997; Chair, European Symposium on Calcified Tissues, 2010; Chair, Merck Osteoporosis Global Therapeutic Expert Forum, 2010; Co-Chair, Scientific Program Committee, ECTS-IBMS Joint Meeting. *Committee positions:* Annual Meeting, ASBMR, 1982, 1987, 1989, 1990, 1992, 1993, 1995, 1997, 1999, 2000, 2001; Steering Committee for the NIH sponsored meeting on The Cell Biology of the Osteoclast and Paget's Disease, Washington, DC, 1985;

International Workshop on Cells and Cytokines in Bone and Cartilage, Davos, Switzerland, 1988, 1990, 1992, 1994, 1996, 1998, 2000, 2002; Meeting of the International Bone and Mineral Society, Melbourne, Australia 1995; Bone Histomorphometry Meeting, Sardinia, Italy, 1996; Joint Meeting of the IBMS and the ASBMR, San Francisco, CA, 1998; Meeting of the International Society for Bone Morphometry, Scottsdale, AR, 1999; Scientific Advisory Board, International Conference on the Growth Plate, San Antonio, TX, 2001; Meeting of the International Bone and Mineral Society, Madrid, Spain, 2001; IOF World Congress on Osteoporosis, Lisbon, Portugal, 2002; Meeting of the International Society for Bone Morphometry, Edinburgh, UK, 2002; Meeting of the European Calcified Tissue Society, Rome, Italy, 2003; Joint Meeting of the IBMS and JSBMR, Osaka, Japan, 2003; Meeting of the European Calcified Tissue Society, Nice, France, 2004; Frontiers of Skeletal Biology, Davos, Switzerland, 2004; Joint Meeting of IBMS and ECTS, Geneva, Switzerland, 2005; Meeting of the International Society for Bone Histomorphometry, Nashville, TN, 2005; European Calcified Tissue Society Meeting, Prague, Czech Republic, 2006; ASBMR Annual Meeting, Philadelphia, PA, USA, 2006; European Calcified Tissue Society Meeting, Copenhagen, Denmark, 2007; European Calcified Tissue Society Meeting, Barcelona, Spain, 2008; IBMS Progress in Skeletal Biology, Davos, Switzerland, 2008, 2010; European Calcified Tissue Society Meeting, Lisbon, Portugal, 2013

Pharmaceutical Industry Career: President and Chief Scientific Officer, Executive Director, Member of the Fiduciary Board, ProStrakan Group LLC., London, United Kingdom, 2004-2006; Head of Research and General Director, ProSkelia SAS., Paris France, 2004-2006; Managing Director, ProSkelia BV, Amsterdam, Netherlands, 2004-2006; President, and Chief Scientific Officer, ProSkelia Pharmaceuticals BV, Amsterdam, Netherlands 2002-2004; Executive Director and Head, Research and Development, ProSkelia Pharmaceuticals SAS, Paris, France, 2002- 2004; Founder, ProSkelia Pharmaceuticals (Amsterdam and Paris) Paris France, 2002; Vice-President, Aventis Pharma, and Head, Bone Diseases Group, 2000-2002; Director and Head, Bone Diseases Group, Hoechst Marion Roussel Pharmaceuticals, Paris, France, 1996-2000; Director of Research for Bone Diseases, Roussel Uclaf Pharmaceuticals, Paris France, 1994- 1996

Current Research: Osteoclast and osteoblast biology, transcriptional regulation of lineage determination, regulation of bone and energy by the brain, regulation of bone homeostasis.

Disclosures: Merck, Amgen, Novartis, Arcarios, Bone Therapeutics - Advisory Boards; Unigene, Roche, Lilly - Consulting; Merck – Research Grant; *Bone, Endocrinology, J Cell Physiology* – Journal Editorial Boards