



**LANSKE, Beate KM, Ph.D.,** Associate Professor of Oral Medicine, Infection, and Immunity, Harvard School of Dental Medicine, Boston, USA

Place of Birth: Salzburg, Austria

Candidate For: Councilor

Statement of Interest: I have been a member of the ASBMR for 22 years. As postdoctoral fellow, I found that the ASBMR was an invaluable resource for my career. Now as an established scientist, ASBMR continues to provide a source of knowledge, collaboration and professional growth. I have always encouraged young researchers to join the ASBMR and to take advantage of the opportunities membership provides. As an active member of the ASBMR Council, I would strive to further the development of mentoring, networking, and educational opportunities and programs.

My career at Harvard reflects my interest in supporting career development for young scientists. I have been co-director of pre-doctoral research at HSDM and teach in graduate/advanced graduate programs. I serve on thesis advisory committees, teach pre- and postdoctoral fellows, and sponsor an exchange program for German students enrolled in "Molecular-Medicine." I have also served the ASBMR in several capacities, including as reviewer for *JBMR*, as frequent abstract reviewer, session chair for annual meetings, evaluator of poster sessions, invited speaker as well as actively participation in symposia related to my work.

I have been involved in hosting international scholars for projects in my lab and have experienced the positive outcome and scientific productivity not only for the invitees but also for my own lab. I would be interested in expanding this effort by developing an exchange program in which students/postdocs could work in laboratories of colleagues to perform specific techniques, improve certain skills or just to be exposed to different environments. I think such a program would foster future collaborations and would serve all members of the ASBMR as basis for sharing mutual interests and to develop common grant applications.

The ASBMR continues to stimulate research, foster collaboration and develop new researchers. I would feel privileged to contribute my experience and expertise to the ASBMR, returning in some measure the benefit it provided for my career. I look forward to continuing to support the vital activities of the ASBMR in a new and exciting role.

Education/ Training/ Positions: Pre-Vet, University of Vienna, Vienna, Austria, 1983; M.A., Department of Urology, General Hospital Salzburg and Department of Zoology, University of Salzburg, Austria, 1988; Ph.D. Max-Planck Institute for Experimental Endocrinology, Hannover, Germany and University of Salzburg, Austria, 1991; Postdoctoral Training, Research Fellow in Medicine, Harvard Medical School, 1991-1995 and Massachusetts General Hospital (MGH), Boston, 1991-1996; Visiting Scientist, Whitehead Institute for Biomedical Research, Massachusetts Institute of Technology (MIT), Cambridge, MA, 1992-1995; Instructor in Medicine, Harvard Medical School, Boston, 1995-1998; Assistant in Biology, MGH, Boston, 1996-1999; Independent Group leader/Associate Professor Molecular Endocrinology, Max-Planck, Institute for Biochemistry, Martinsried, Germany, 1998-2001; Habilitation (venia docendi) in Molecular Biology, University of Salzburg, Austria, 2000; Staff Associate, 2001; Assistant Member of Staff II, 2002-2003; Associate Research Investigator, Forsyth Institute, Boston, 2003-2005; Associate Professor, Developmental Biology, Harvard School of Dental Medicine, Boston; 2002-2012; Director/Co-Director of HSDM Pre-doctoral Research Program, Harvard School of Dental Medicine, Boston, 2008-2012; Associate Professor, Oral Medicine, Infection & Immunity, Harvard School of Dental Medicine, Boston, 2012-Present

Honors/ Awards: Postgraduate fellowship of the German Academic Exchange Foundation (DAAD), 1989-1991; International Research Fellowship of the Max Kade Foundation, 1991-1993; Von-Recklinghausen Prize of the German Society for Endocrinology, 1991; Young Investigator Award of the American Society of Bone and Mineral Research (ASBMR), 1994; Travel Award of the International Conference on Calcium Regulating Hormone (ICCRH), 1995; Czitober Research Prize for Bone and Mineral Metabolism of the Austrian Society for Bone and Mineral Research, 1995; HMS Leadership Development for Physicians and Scientist, 2005

Editorial Duties/ Peer Review Panels: Editorial Board: *Bone*, 2007-Present; *Matrix Biology*, 2007-Present; *International Journal of Oral Science*, 2012-present; ad hoc reviewer: NIH/SBSR study section, 2006; ASBMR Career Enhancements Awards, 2006; The Wellcome Trust, 2007; NIH/SBSR study section, 2007; Swiss Foundation Grants, 2007; The Research Grants Council (RGC) of Hong Kong, 2008; P01 NIH-Special Emphasis Panel/Scientific Review Group, 2008/10, ZAG1 ZIJ-5, 2008; *European Calcified Tissue* grants, 2008; Special Emphasis Panel/Scientific Review Group, 2009/10 ZAG1 ZIJ-9 (O3), 2009; Special Emphasis Panel/Scientific Review Group, 2009/10 ZRG1 MOSS-C (58) R, 2009; *European Calcified Tissue* grants, 2010; P30 grant application, 2011; Special Emphasis Panel/Scientific Review Group, 2013/01 ENDB 1, 2012; Ad hoc reviewer: *Advances in Chronic Kidney Disease*, *American Journal of Physiology*, *American Journal of Nephrology*, *Biochimica et Biophysica Acta*, *Bone*, *Cell Metabolism*, *Developmental Biology*, *Developmental Cell*, *Developmental Dynamics*, *Endocrinology*, *Experimental Gerontology*, *Expert Review of Endocrinology and Metabolism*, *The FASEB Journal*, *FEBS Letter*, *Genesis*, *Kidney International*, *Journal of Anatomy*, *Journal of Orthopedic Research*, *Journal of Bone and Mineral Research*, *Journal of Cell Sciences*, *Journal of Cellular and Molecular Medicine*, *Journal of Clinical Investigations*, *Journal of Cellular Physiology*, *Journal of Orthopedic Research*, *Kidney International*, *Matrix Biology*, *Molecular and Cellular Endocrinology*, *Nephrology*, *Dialysis, and Transplantation*, *Pfluger's Archiv*, *PLOS One*, *PLOS Genetics*, *Proceedings of the National Academy of Sciences USA*, *Trends in Cell Biology*, *Trends in Endocrinology and Metabolism*

Professional Societies: German Society for Endocrinology, 1988-2001; American Society for Bone and Mineral Research, 1990-Present; Austrian Society for Bone and Mineral Research, 1992-Present; International Society for Matrix Biology, 1998-Present; Board of Directors of Advances in Mineral Metabolism, 1997-2000; New York Academy of Sciences, 2005; Association for Women in Science (AWIS), 2005-Present; The Endocrine Society 2005-Present; International Bone and Mineral Society (IBMS) 2007-Present

Meeting Organizer: Scientific Committee for 4th International Symposium on "Endocrinology under 35", 1994; Organization of the Advances in Mineral Metabolism Meeting, Snowmass, Colorado, 1999; Organization of one session at the GBM Tagung 2000, Munich, Germany, 2000; Scientific Program Committee, ASBMR, Phoenix, 2001; Scientific Program Committee, ASBMR, Phoenix, 2003; Scientific Program Committee, ASBMR, Nashville, TN, 2005; Organize and chair session at "Advances in Mineral Metabolism" meeting, Snowmass, CO, 2008; Judge for President's Poster Competition at ASBMR San Diego, 2011

Current Research: Regulation of chondrocyte maturation and calcification by Indian hedgehog and Regulation of Mineral Ion homeostasis by PTH, FGF23 and vitamin D

Disclosures: None