

# FASEB Board of Directors President



Mark O. Lively, Ph.D.  
Wake Forest University  
Winston-Salem, NC

## Biographical Sketch

Mark O. Lively, Ph.D. is professor of biochemistry at Wake Forest University School of Medicine in Winston-Salem, North Carolina. He is the director of the WFU Biomolecular Resource Laboratory, a core laboratory of the Comprehensive Cancer Center of Wake Forest University. The core laboratory provides services for protein sequence analysis, protein mass spectrometry (ion trap and MALDI-TOF), amino acid analysis, DNA sequencing, and DNA/RNA synthesis to Wake Forest investigators. He is also the founding director of the WFUSM inter-departmental graduate training program in Molecular Genetics and Genomics. Lively has taught biochemistry and molecular biology in the WFUSM medical curriculum since 1983.

Lively received his B.S. (1975) and his Ph.D. (1978) degrees in chemistry from the Georgia Institute of Technology in Atlanta. After an NIH postdoctoral fellowship in biochemistry at the University of Washington, Seattle, Lively joined the faculty of the biochemistry department at the Bowman Gray School of Medicine, now Wake Forest University School of Medicine, in 1983. Lively is a protein chemist with a long standing interest in protein structure and function. His research activities involve a number of different projects to isolate and characterize proteins and peptides including those involved in promoting lipolysis in cancer cachexia, hypertension, and iron transport. He has also developed a diagnostic test for gastroesophageal reflux that is being used in clinical studies with children.

Lively was appointed to the FASEB board in 2004 as the representative for the Association of Biomolecular Resource Facilities (ABRF). He participated in the Strategic Planning Retreat in 2004 and then served on the Business Model subcommittee of the strategic planning process. Until June 2007, he led the FASEB Membership committee to identify new societies for FASEB membership. He was elected by the FASEB board to serve as Vice President for Science Policy (2007-2008) and as President (2009-2010). Lively is a member of the ASBMB and the American Society for Mass Spectrometry. He was one of the early members of ABRF, a FASEB member society dedicated to advancing core and research biotechnology laboratories through research, communication, and education. He was a member of its Executive board (2000-2004) and served as President from 2001 through 2002.

Lively has extensive research grant review experience. He has served on grant review groups including a term as a full member of the NIH Biochemistry study section, the NIH Shared Instrumentation Grant Program, NIH Fellowship grants, NIH reviews of applications for Centers of Biomedical Research Excellence (COBRE) since the initiation of that program in 2000, as well as the NSF Instrumentation and Instrument Development program. He was a member of one of the first review panels for NIH Roadmap Initiative applications. He was appointed to a four year term on the NIH/NCRR National Advisory Research Resources Council in 2009. He has served on the editorial boards of *The Journal of Biological Chemistry*, *Biochemistry*, and *Protein Science*. He is currently chair of the external advisory board for the Delaware IDEa Networks of Biomedical Research Excellence (INBRE) grant.