

Lingjun Li, PhD: Dr. Lingjun Li is a Vilas Distinguished Achievement Professor and the Charles Melbourne Johnson Distinguished Chair Professor of Pharmaceutical Sciences and Chemistry at the University of Wisconsin-Madison (UW-Madison). Dr. Li received her Ph.D. degree in Analytical Chemistry/Biomolecular Chemistry from the University of Illinois at Urbana-Champaign under Jonathan Sweedler in 2000. She then did joint postdoctoral research at the Pacific Northwest National Laboratory (w/ Richard Smith) and Brandeis University (w/ Eve Marder) before joining the faculty at UW-Madison in December 2002. Dr. Li's research interests include the development of novel mass spectrometry (MS)-based tools such as new isotopic and isobaric labeling reagents (e.g., DiLeu, DiPyrO, and SUGAR tags) and strategies that enable hyperplexing for quantitative proteomics, peptidomics, and glycomics. She and her team also develop microscale separations, in vivo microdialysis and imaging MS tools for functional discovery of neuropeptides in model organisms and (glyco)protein biomarkers in neurodegenerative diseases such as Alzheimer's disease. Her lab also explores novel use of ion mobility MS to address technical challenges in peptidomic research, including site-specific peptide epimer analysis and improvement of isobaric tandem MS quantitation. Professor Li has established a highly productive research program and published more than 300 peer-reviewed research journal papers and has given more than 200 invited talks. She has successfully graduated 50 PhDs and is currently training 21 PhD graduate students and 6 postdoctoral scientists. She has been recognized with numerous awards, including ASMS Research Award, NSF CAREER Award, Sloan Fellowship, PittCon Achievement Award, and ASMS Biemann Medal, and was named one of the Top 50 most influential women in the analytical sciences in 2016 and was recently featured in the 2019 Top 100 Power List by the Analytical Scientist. Dr. Li is currently serving as an Associate Editor for the Journal of the American Society for Mass Spectrometry (JASMS) and has been a member of the Board of Directors for the US Human Proteome Organization (US HUPO) since 2015 and co-organized the 2018 US HUPO Conference. Dr. Li is the current Chair of the Board of Directors for the Chinese American Society for Mass Spectrometry (CASMS).