

Dr. Ying Ge is a Professor in the Department of Cell and Regenerative Biology and Department of Chemistry at the University of Wisconsin (UW)-Madison. She received a B.S. from Peking University (Beijing, China) in 1997 and a Ph.D. from Cornell University under the joint supervision of Prof. Fred McLafferty and Prof. Tadhg Begley in 2002. After graduate school, Dr. Ge explored a career in pharmaceutical industry before she joined UW-Madison as the Director of Mass Spectrometry in the Human Proteomics Program. In 2012, Dr. Ge started her tenure-track Assistant Professor position, received tenure in 2015, and was promoted to Full Professor in 2019. Dr. Ge's research is highly interdisciplinary that cuts across the traditional boundaries of chemistry, biology, and medicine. By creatively integrating her expertise in mass spectrometry/proteomics with cardiac biology/medicine, she aims to develop and employ novel top-down proteomics strategies in conjunction with functional studies to gain new insights into the molecular mechanisms of cardiac disease and regeneration. It is her belief that to make significant impact in molecular medicine, it is necessary to combine technological advances with functional studies and bridge the silos between basic and translational/clinical research. Recently her lab has developed a multi-pronged approach to address the challenges in top-down proteomics in a comprehensive manner. Dr. Ge is passionate about education and is currently mentoring students from chemistry, biology and medicine. At home, she enjoys spending her time with her family (taking care of her two children), gardening, cooking, and listening to music. (Ge group website: <http://labs.wisc.edu/gelab/>)