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Joseph A. Loo is a Professor in the Department of Biological Chemistry, David Geffen School of Medicine, and in the Department of Chemistry & Biochemistry at the University of California, Los Angeles (UCLA).

He is also a member of UCLA/DOE Institute for Genomics and Proteomics and the UCLA Molecular Biology Institute. His research interests include analytical chemistry, the mass spectrometry characterization of peptides and proteins and post-translational modifications, and their application for proteomics and disease biomarkers.

He is the author of over 300 scientific publications. He is on the Editorial Boards of several scientific journals, and currently he is the Editor-in-Chief for the *Journal of the American Society for Mass Spectrometry*. He has held leadership and advisory positions with scientific organizations, including membership on the Board of Directors for the American Society for Mass Spectrometry (ASMS) and the US Human Proteome Organization (US HUPO).

Before he joined UCLA in 2001, he was an Associate Research Fellow and Group Leader of the Biological Mass Spectrometry and Proteomics Teams at Parke-Davis Pharmaceutical (currently Pfizer Global Research), Ann Arbor, MI. Dr. Loo received his Ph.D. in analytical chemistry from Cornell University with Professor Fred W. McLafferty, where he worked on the development of high resolution mass spectrometry for bioanalytical applications. He carried out research as a post-doctoral fellow, and later as a Senior Scientist, at Pacific Northwest National Laboratory (Richland, WA) with Dr. Richard Smith on the development of electrospray ionization mass spectrometry and capillary electrophoresis for protein characterization.