



American Society for Mass Spectrometry

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Program Organizer, ASMS Emerging Talent: Academia

**Michael Marty, University of Arizona**

Michael Marty, Ph.D., is an Assistant Professor in the Department of Chemistry & Biochemistry and Bio5 Institute at The University of Arizona. Prof. Marty earned his B.A. in chemistry and mathematics at St. Olaf College in 2010, and he completed his Ph.D. in chemistry as a Springborn Fellow at the University of Illinois Urbana-Champaign in 2013 under the direction of Prof. Stephen Sligar. He then performed postdoctoral research at the University of Oxford with Prof. Dame Carol Robinson before joining the faculty at The University of Arizona in 2016. Prof. Marty has been awarded the ASMS Research Award, the Bisgrove Scholar Award, an NSF CAREER award, and an NIH R35 Maximizing Investigators' Research Award (MIRA). His research applies lipoprotein nanodiscs with mass spectrometry to study membrane proteins, antimicrobial peptides, and their interactions with lipid bilayers. As the developer of UniDec, he is also interested in mass spectrometry data analysis and deconvolution.