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ACADEMIC APPOINTMENTS

- Assistant Director, Chemoproteomics, Sarafan ChEM-H

Publications

PUBLICATIONS

- **A Prototype timsOmni Platform Enables Confident Annotation of the Key Hypervariable CDR3 Regions of IgG Immunoglobulins Using Low- and High-Energy Electron-Based Fragmentation** *ANALYTICAL CHEMISTRY*
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- **Mass spectrometry-based strategies for membrane protein pharmacology.** *Trends in pharmacological sciences*
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- **Antibody-Drug Conjugate Stability Probed by Variable-Temperature Electrospray Ionization Mass Spectrometry** *JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY*
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- **Mechanism of connexin channel inhibition by mefloquine and 2-aminoethoxydiphenyl borate** *PLOS ONE*
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- **Comprehensive Overview of Bottom-Up Proteomics Using Mass Spectrometry** *ACS MEASUREMENT SCIENCE AU*
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- **Protein-Centric Analysis of Personalized Antibody Repertoires Using LC-MS-Based Fab-Profiling on a timsTOF** *JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY*
  Fiala, J., Schuster, D., Ollivier, S., Pengelley, S., Lubeck, M., Busch, F., Jankevics, A., Raether, O., Greisch, J., Heck, A. J. R.
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- **Structure of the connexin-43 gap junction channel in a putative closed state** *ELIFE*

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- **Structures of wild-type and selected CMT1X mutant connexin 32 gap junction channels and hemichannels** *SCIENCE ADVANCES*
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- **Multiomics-empowered Deep Phenotyping of Ulcerative Colitis Identifies Biomarker Signatures Reporting Functional Remission States** *JOURNAL OF CROHNS & COLITIS*
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