

PREMIER Biosoft

PREMIER Biosoft announces a research collaboration with the Biomolecular Sciences Institute- FIU to advance lipidomics research.

Palo Alto, California -- January 11, 2018, PREMIER Biosoft today announced a research collaboration with Florida International University to provide advanced mass spectrometry-based data analysis solutions for lipidomics analysis.

Under the collaboration, PREMIER Biosoft and Dr. Francisco Fernandez-Lima, from the Biomolecular Sciences Institute at Florida International University will work closely to power research in small as well as large molecule identification and quantification. Dr. Francisco Fernandez-Lima, Associate Professor at the Department of Chemistry and Biochemistry and Director of the Advance Mass Spectrometry Facility, will lead the research efforts with PREMIER Biosoft. He will help develop lipidomics workflows using state-of-the-art mass spectrometry technologies such as high resolution Fourier Transform Ion Cyclotron Resonance (FT-ICR), Data-independent acquisition (DIA) and Data-dependent acquisition (DDA). Dr. Fernandez-Lima's laboratory features state-of-the-art instrumentation enabling a broad range of analytical approaches, ranging from synthetic small molecule identification to biological extract characterization to tissue imaging.

Dr. Fernandez-Lima's group will contribute with their expertise by generating volumes of high throughput FT-ICR, DIA, and DDA data from different instrumentation platforms to assist PREMIER Biosoft in data interpretation, heuristics and strengthening the product databases. Dr. Fernandez-Lima said, "Our goal is to push the limits of mass spectrometry by developing an integrated approach that involves next generation instrumentation and methodologies that help establishing advanced lipidomics analysis solutions for environmental, biomedical and behavioral research. Our collaboration with PREMIER Biosoft will support the goal and provide the necessary software support to carry out the analysis."

"The collaboration combines pioneering research from the laboratory of Dr. Fernandez-Lima, with the unique strength and expertise of PREMIER Biosoft in developing robust mass spectrometry-based software solutions that transform lipidomics research," said Arun Apte, CEO at PREMIER Biosoft.

About PREMIER Biosoft

Founded in 1994, is a group of computer scientists and biologists dedicated to producing cutting-edge intuitive software for research in life sciences. Our goal is to study the most recent innovations in life sciences and translate them into software products to aid research.

More information is available at- <http://www.premierbiosoft.com>

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