

International Symposium of Mass Spectrometry Applied to Biological Samples for Diseases Diagnosis

(São Paulo, Brazil, March 13th-16th, 2023)



Dr. Abraham Badu – Analytical Chemist, Fox Professor – Department of Chemistry and Biochemistry, The Ohio State University, Columbus-OH, US



Dr. Christina Ferreira – Lipidomics Researcher, Metabolomics Analyst, Bindley Bioscience Center, Purdue University, West Lafayette-IN, US

Organization: Graduated Program in Anatomy of Domestic and Wild Animals (FMVZ-USP)
In-person event (*for Brazilian undergrad and graduated students*)
or Online (*available for international students only*)

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For more information, please contact:

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Schedule

	Monday March 13rd, 2023	Tuesday March 14th, 2023	Wednesday March 15th, 2023	Thursday March 16th, 2023
8 – 10 AM	Fundamentals of Mass Spectrometry (Dr. Abraham Badu)	Lipid biomarker discovery with emphasis in developmental biology (Dr. Christina Ferreira)	Small molecule imaging by DESI and MALDI and intraoperative diagnostics (Dr. Christina Ferreira)	Lipidic quantification by HPLC and UPLC- MS/MS (Dr. Christina Ferreira)
10 – 12 AM	Discussion	Discussion	Discussion	Discussion
	Break	Break	Break	Break
2 – 4 PM	MS methods for Lipid structural diversity and pathways (Dr. Christina Ferreira)	Technological advances in chemical chemistry For developing countries (Dr. Abraham Badu)	Molecular probes for ambient MS (Dr. Abraham Badu)	Substrate-based ambient ionization and paper-based microfluidics (Dr. Abraham Badu)
4 – 6 PM	Discussion	Discussion	Discussion	Discussion

Join us!