

II IAdChem WORKSHOP-1 Day

Materials 4 Biosensing & Bioimaging

17th Feb 2023

MODULE 0
Sala de Conferencias

9:30 INVITED SPEAKER: Fabiana Arduini

University of Rome "Tor Vergata"

Paper as smart material to deliver ecodesigned printed (bio)sensors with improved analytical features and unprecedented applications

10:30 Riccardo Marin - *It has been a long time...Fluorescence lifetime-based imaging and sensing techniques.*

10:45 Laura Gutiérrez Gálvez - *SARS-CoV-2 detection through a new electrochemiluminescence platform based on tetrahedral DNA nanostructures and few-layer bismuthine.*

11:00 COFFE BREAK-POSTER SESSION

SALA POLIVALENTE-FACULTY OF SCIENCES-UAM

11:30 INVITED SPEAKER: M^a Jesús Lobo Castañón

University of Oviedo

Using electrochemical aptasensors for early detection and diagnosis research in cancer

12:30 Jesús Lucía Tamudo - *Computational insight into electrochemical DNA-based biosensors.*

12:45 Rebeca M. Torrente Rodríguez - *Multiplexed electroanalytical biosensing of humoral immune markers assisted by modern receptors and chemistries: a magic gate to precision medicine.*

13:00 María Isabel Pividori - *Advances in biosensing devices for exosomes.*