

# PhD program in Science and Technology of Bio and Nanomaterials

## **Nano-Bio Workshop**

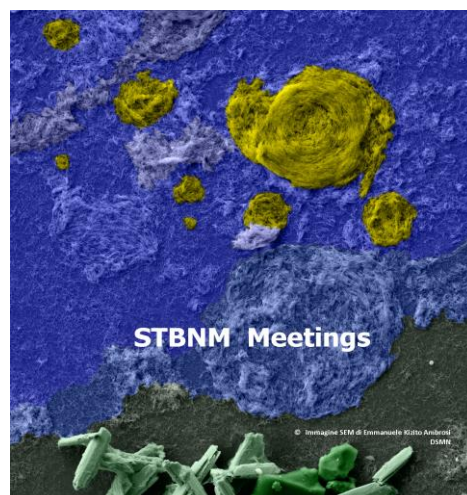
June 28<sup>th</sup>-29<sup>th</sup>, 2021

Auditorium Danilo Mainardi  
ALFA Building

and on-line at  zoom

<https://zoom.us/j/86936273412>

Passcode: workshop1



## *Program of June 28<sup>th</sup>*


9:25	Welcome opening	
9:30	Sara Linciano	Development of genetically encoded cyclic peptides for therapeutic applications
9:50	Stefano Pluda	Peptide engineering for the development of novel inhibitors of osteoarthritis targets by using yeast surface display technology
10:10	Asia Saorin	Drugs and nanoparticles metabolomics studies
10:30	Gloria Saorin	Synthesis, characterization and applications of nanoparticles in bio-medical field
10:40	Coffee Break	
11:10	Kossivi Jean D' Arc Pacome Andele	Self-therapeutic nanomaterials targeting 2D and 3D cancer model
11:20	Kanwal Asif	Metal Nitroprusside Nanoparticles for Targeted Cancer Therapy
11:40	Ilenia Rigo	Characterization of a long non-coding RNA associated with colorectal cancer predisposition
12:00	Maria Chiara Mattevi	Elucidating the Molecular Diversity of Luminal Breast Cancer arising in Young Women to Personalize Therapy
12:10	Enrico Amedeo Cavarzerani	Delivery Systems in Cancer Therapy
12:20	Lunch	
13:30	Lorenzo Branzi	Cysteine Based Chiral Carbon Dots: a Copper (II) Catalysed Radical Assisted Synthesis
13:50	Anastasiia Taranova	Two dimensional and inorganic nanomaterials hybrids for applications in renewable energy
14:00	Sandro Zorzi	Confinement in 2D Nanostructures for the Photocatalytic Reduction of CO <sub>2</sub>
14:10	Marco Spinaci	Coarse-Grained Modelling of Biological Polymers
14:20	Concluding remarks	

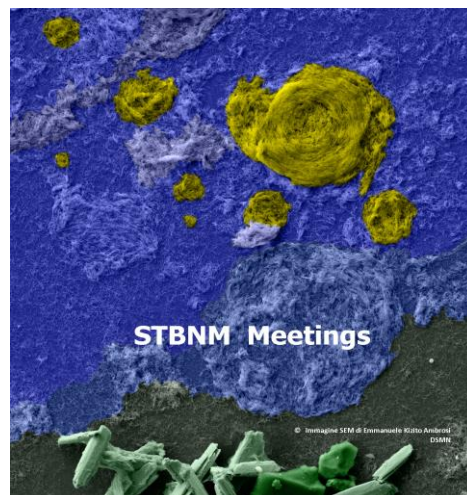
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*Program of June 29<sup>th</sup>*

9.25	Welcome opening	
9:30	Muhammad Adeel	Smart Nanomaterials for Biomedical Applications
10:00	Albina Fejza	EMILIN 2 as a Regulator of Vascular Efficiency
10:30	Emanuela De Gregorio	Exploring Metabolomics to predict Pharmacological Phenotype in cancer treatment
11:00	Coffee Break	
11:30	Davide Campagnol	Developing strategies to create biosensors for clinical biomarkers
11:50	Mirena Sakaj	New drug delivery strategies for antibiofouling
12:20	Sota Hirano	Workflow evolution and new standards for Synbio
12:50	Concluding remarks	
13:00	Lunch	
14:00	Meeting of the Steering Committee	

The Director  
Prof. Alberto Vomiero