




Nano-Bio Workshop

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DSMN



Ca' Foscari
University
of Venice
Department of Molecular
Sciences and Nanosystems



CRO
AVIANO

November 30th, 2022
Conference Room Orio Zanetto

9.15 Welcome Greetings

9.30 Design and site-directed immobilization of recombinant antibody fragments for sensitive immunodiagnosics

Yoichi Kumada, KIT Kyoto Institute of Technology

10.15 – 10.35 Coffee break

10.35 Proteins as inspiration for smart materials

Ivan Coluzza, IKERBASQUE. Basque Foundation for Science

11.20 Analysis of Lignocellulose – Adding Some New Methods to an Old Case

Antje Potthast, Universität für Bodenkultur Wien

12.05 Strategies to promote cancer nanomedicine performance and clinical translation

Twan Lammers, Rheinisch-Westfälische Technische Hochschule Aachen

12.50 Cellulose Nanocrystals as Scaffolds for Nano-Materials, Photo-reversible & Antimicrobial Self Assemblies

Dimitris S. Argyropoulos, North Carolina State University

13.35 – 14.30 light lunch

PhD students contributions and panel discussion

14.30 Yeast display platform for the discovery of new biomolecules

Sara Linciano, KIT and Università Ca' Foscari Venezia

14.50 Development of PS-tag-fused proteinL for site-specific immobilization of antibodies

Haruka Taniguchi, KIT Kyoto Institute of Technology

15.10 Screening of rabbit scFv against SARS-CoV-2 nucleocapsid protein from phage library

Ngoc Minh Nguyen, KIT Kyoto Institute of Technology

15.30 Two dimensional and inorganic nanomaterials hybrids for applications in renewable energy

Anastasiia Taranova, Università Ca' Foscari Venezia

15.50 Novel chiral luminescent nanomaterials: formation mechanism and origin of chirality

Lorenzo Branzi, Università Ca' Foscari Venezia

16.20 Metal Nitroprusside Materials for Targeted Cancer Therapy

Kanwal Asif, CRO, Aviano and Università Ca' Foscari Venezia

16.40 Final remarks and networking cocktail