



1st ICGEB – Elettra Symposium on Multidisciplinary Research



Elettra Sincrotrone Trieste

Thursday, June 4th

Virtual room: Bassi Laura

Join url: <https://zoom.us/j/99065455284?pwd=QWN6V1R4QjR0eGxIUQTQ4WEIQY29tZz09>

Meeting id: 99065455284

Password: cDjEETurPu

14:00 – 14:10	Prof. Sergio Paoletti Welcome by AREA Science Park
14:10 – 14:20	Prof. Lawrence Banks Welcome by ICGEB
14:20 – 14:30	Prof. Alfonso Franciosi Welcome by Elettra

Molecular Biology and Structural Analysis

14:30-14:45	Silvia Onesti Structural and functional insights into DNA replication and genome maintenance: unexpected RNA connections
14:45-15:00	Paola Storici The Elettra Protein Facility, a tool for research and development in drug discovery
15:00-15:15	Annie Heroux Elettra XRD2 beamline: Structural biology information using macromolecular crystallography
15:15-15:30	Jasper Plaisier Supporting the development and the enhancement of drugs using X-Ray Diffraction @Elettra
15:30 -15:45	George Kourousias Elettra ICT advanced support to remote collaborative experiments, scientific computing and artificial intelligence
	Short Break
16:00-16:15	Emanuele Buratti Structural approaches to unravel TDP-43 functions in aggregation
16:15-16:30	Natasa Skoko Production and quality control of biotherapeutics products
16:30-16:45	Andrés Muro Gene therapy and genome editing of liver diseases: how can we improve efficacy?
16:45-17:00	Luca Braga High-throughput screening at ICGEB
17:00 – 18:00	Discussion and planning

Friday, June 5th

Virtual room: Bassi Laura

Join url: <https://zoom.us/j/93014299076?pwd=aVdnTE1iU05YeFVZdkVxay81VHR0Zz09>

Meeting id: 93014299076

Password: JPJEU SICfG

Molecular Biology, Imaging and micro-nano-scale Analysis

09:30-09:45	Loredana Casalis Nanoscale platforms for disease diagnostics.
09:45-10:00	Lisa Vaccari The infrared light on life sciences: from macromolecules to tissue analysis.
10:00-10:15	Alessandra Gianoncelli Soft X-ray microscopy and XRF sub-micron imaging in cells and tissues
10:15-10:30	Giuliana Tromba Hard X-ray biomedical imaging at Elettra: status and perspectives.
10:30-10:45	Claudio Masciovecchio Bio-molecules and Dynamics
	Short Break
11:00-11:15	Francesco Loffredo Cardiac tissue engineering and beyond.
11:15-11:30	Serena Zacchigna Shedding synchrotron light on cardiovascular biology.
11:30-11:45	Federica Benvenuti Immune Cell Biology in pathological contexts.
11:45-12:00	Mike Myers Proteomics at ICGEB
12:00-13:00	Discussion and planning