



ACCELERATOR

1st Innovative Drug Discovery Symposium

Date: May 5th – 8th

Location: Mikulov, Czechia, Hotel Galant



Monday

- 15:00 – 15:05 **Prof. Alexander Dömling** *Welcome speech*
- 15:05 – 15:45 **Prof. Alexander Dömling** *Introduction to ligand receptor interactions*
- 15:45 – 16:00 Coffee break
- 16:00 – 16:30 **Ricardo Fusco** *Hands on manipulation of molecules in a PDB structure using a novel PYMOL version*
- 16:30 – 17:00 **Dr. Atilio Reyes Romero/Prof. Alexander Dömling** *Workshop structure-based hypothesis generation of ligand receptor interactions*
- 18:00 – 20:00 Dinner



ACCELERATOR



Tuesday morning

- 9:05 – 9:35 **Dr. Federica Sodano** *Novel targets and strategies in immuno-oncology*
- 9:35 – 09:50 **Caterina De Rosa** *Deciphering immune and metabolic signatures in SCLC patients: linking peripheral blood mononuclear cells to chemoimmunotherapy response*
- 9:50 – 10:05 **Chiara Battisegola** *Overcoming cancer therapy resistance: the role of arginase inhibitors*
- 10:05 – 10:20 **Mariacristina Molaro** *Ugi reaction to generate stable polypeptoid particles from amino acid derivatives*
- 10:20 – 10:35 **Chiara Billi** *New butyric acid-releasing glucosamine derivatives for the treatment of inflammatory-based diseases*
- 10:35 – 11:00 **Dr. Marica Erminia Schiano**
- 11:00 – 11:30 **Prof. Dr. Jan Molenaar** *Overview of PROTAC and GLUE directed oncology targets*
- 11:30 – 11:45 **Dylan Jongerius** *Beyond venetoclax: exploring bcl-2 family member degraders for neuroblastoma therapy*
- 11:45 – 12:00 **Stijn Couwenbergh** *Development of a novel abemaciclib-based PROTAC degrader with potent anti-proliferative effect in neuroblastoma*
- 12:00 – 14:00 Lunch



ACCELERATOR



Tuesday afternoon

- 14:00 – 15:40 **Symposium workshop 1**
- 15:40 – 16:00 *Coffee break*
- 16:00 – 18:00 **Symposium workshop 2**
- 18:00 – 20:00 *Dinner*

Wednesday morning

- 9:00 – 9:20 **Pravin Hasuram Patil** *Fast and Green: High Throughput Experimentation, Scalable Library Synthesis-Enabled Covalent Drug Candidates*
- 9:20 – 9:40 **Vishwanatha Thimmalapura Marulappa Man,** *Machine and Multicomponent Reactions*
- 9:40 – 9:50 **Mehri Javid** *Engineering bioluminescent biosensors for drug discovery targeting protein–protein intrafaces*
- 9:50 – 10:00 **Atieh Jahangiri Manesh** *The silent threat: antibiotic resistance and its global consequences*
- 10:00 – 10:20 **Saedi Zeinab** *Personalized precision medicine for Y220S-P53 mutant*
- 10:20 – 10:40 **Reyes Romero Atilio** *RNA aided drug discovery of small molecules*
- 10:40 – 10:50 **Samatha Masineni** *SOS1 targeting small molecules*



ACCELERATOR



Wednesday morning and afternoon

- 10:50 – 11:00 **Elisabetta La Scola** *HTE enabled reaction discovery*
- 11:00 – 11:10 **Mayur Shashikant Mukim** *Targeting RAS G13C*
- 11:10 – 11:20 **Imma Capriello** *ECHO Chemistry and Y220C*
- 11:20 – 11:30 **Antonio Conte** *Targeting DYRK1*
- 11:30 – 11:40 **Zhirui Guan** *HTE-enabled catalyst discovery and optimization*
- 11:40 – 11:50 **Kaoud Salama** *With high throughput experimentation towards novel antibiotics*
- 11:50 – 12:00 **Emis Ingenito** *Enhancing acoustic droplet ejection: workflow and solvent exploration*
- 12:00 – 14:00 Lunch
- 14:00 – 15:40 **Symposium workshop 3**
- 15:40 – 16:00 Coffee break
- 16:00 – 18:00 **Symposium workshop 4** *Presentations of groups' projects (10min each)*
- 19:00 – 24:00 Closing banquet