## PROGRAM

**Tuesday, June 22nd 2021**

### SESSION 1

3:00 – 4:00 pm CEST

**Welcome**

by Harald Schwalbe

- **Martin Beck** - MPI Frankfurt, Germany
  "In situ structural analysis of the spike protein."

- **Claudia Höbartner** - University of Würzburg, Germany
  "How antiviral nucleoside analogs interfere with SARS-CoV-2 replication."

- **Ángel Cantero** - Universidad Católica de Valencia, Spain
  "The structure of PRF RNA region of SARS-CoV-2"

### Break

4:00 – 4:10 pm CEST

### SESSION 2

4:10 – 5:10 pm CEST

- **Andreas Pichlmair** - TU Munich, Germany
  "Multi-level proteomics reveals host-perturbation strategies of SARS-CoV-2 and SARS-CoV"

- **Alfredo Castello** - MRC-University of Glasgow, UK
  "When SARS-CoV-2 RNA met the cell: a story of protein-RNA interactions"

- **Àlvaro Simba** - Universidad Católica de Valencia, Spain
  "The structure of the 5SL3 RNA hairpin of SARS-CoV-2"

### Break

5:10 – 5:20 pm CEST

### SESSION 3

5:20 – 6:30 pm CEST

- **Mihaela Rita Mihailescu** - Duquesne University, PA, USA
  "The s2m Element Dimerizes via a kissing-complex intermediate and interacts with miR-1307-3p"

- **Denisa Bojkova** - University Hospital Frankfurt, Germany
  "Host targets for COVID-19 therapy"

- **Hashim Al-Hashimi** - Duke University, NC, USA
  "Application of NMR to determine ensembles of RNAs and their utility in drug discovery"

- **Yeongjoon Lee** - University of Colorado, Denver, CO, USA
  "Recent discoveries on Nsp7"

### Break

6:30 – 6:40 pm CEST

### SESSION 4

6:40 – 8:00 pm CEST

- **Megan Kelly** - Duke University, NC, USA
  "Ensemble-based virtual screening of SARS-CoV-2 RNA targets"

- **Ícaro P. Caruso** - Federal University of Rio de Janeiro, Brazil
  "Structural insights into SARS-CoV-2 nucleocapsid N-terminal domain binding to transcriptional regulatory sequences reveal the role of specificity on melting activity and liquid-liquid phase separation."

- **Ivan Dikic** - IBC II University Hospital Frankfurt, Germany

- **Jeffrey Evanseck** - Duquesne University, Pittsburgh, PA, USA
  "Dynamic and Structural Characterization of the s2m Conserved Element in SARS-CoV and SARS-CoV-2 using Molecular Dynamics"