

Date: 14 March 2024

Venue: Ceres 0.31

Program

12.45 Coffee & tea

13.00 Welcome and Opening

13.15 **Pere Roca-Cusachs** (IBEC)

Transmitting and shielding mechanical forces from integrins to the nucleus

13.40 **Carlijn Bouten** (ICMS)

Guiding cardiovascular regeneration in situ with micro-environmental cues

14.05 **Giuseppe Battaglia** (IBEC)

On the design of supramolecular drugs

14.30 **Jan van Hest** (ICMS)

Polymer-based coacervates: structural and functional mimics of living cells

14.55 Break

15.20 **Cesar Rodriguez-Emmenegger** (IBEC)

Phagocytic synthetic cells: non-living predators to fight bacteria

15.45 **Roy van der Meel** (online) (ICMS)

Engineering platform nanotechnology for RNA delivery to immune cells

16.10 **Nuria Montserrat** (IBEC)

Developing solutions based on bioengineering to externally guide and control organoid generation for applications in disease modeling and regenerative medicine

16.35 **Ghislaine Vantomme** (ICMS)

Synthesis of supramolecular polymeric materials – the interplay between covalent and non-covalent bonds

17.00 Closing remarks