

Abstract titles

Talks

Talk	Presenter	Title
K1.	Alon Bar	Principles of the circuits that set human weight
O1.	Teresa Osset	Control of environmental context to fine-tune genetic performance
O2.	Mateo Sanchez	Directed evolution improves the catalytic efficiency of TEV protease
O3.	Bing Zhao	Optogenetic Control of Myocardin-Related Transcription Factor A Subcellular Localization and Transcriptional Activity Steers Membrane Blebbing and Invasive Cancer Cell Motility
O4.	Mehmet Ali Oeztuerk	A web server for <i>in silico</i> D-peptide ligand identification
K2.	Pamela Silver	Designing Biology for Detection and Control
O5.	Vitor Pinheiro	Directed evolution of compatible plasmid origins of replication
O6.	Eszter Csibra	Beyond fluorescein: Use of fluorescent protein calibrants for direct and absolute quantification of protein production for synthetic biology applications
O7.	Daniel Peters	Engineering a Protein Biomaterial: 2D and 3D cell culture applications of Caf1
K3.	Manfred Zinn	Biodesigning Polyhydroxyalkanoates
O8.	Klemens Kremser	Bio-based solution for the recovery of valuable metals from waste
O9.	Margarida Dias	Protopeptide the basic unit of Reflectins: solvent modulation to promote different peptide self-assembly and materials properties
O10.	Filipa Gonçalves	Release of Fragrances from Cotton Functionalized in Response to Perspiration
K4.	Per Olof Syren	
O11.	Eugénia Nogueira	Liposomes encapsulating methotrexate: a powerful tool for rheumatoid arthritis therapy
O12.	Oskar Staufer	Bottom-up assembly of synthetic SARS-CoV-2 virions reveals fatty acid-coupled adaptive immunogenicity in COVID-19
O13.	Cecília Roque	Gelatin ionogels and hybrid gels for artificial olfaction
K5.	Claudia Vickers	
O14.	Sílvia Pérez-Rafael	Nanoparticle/polymer self-assembled hydrogels as multifunctional, injectable and self-healing platform for chronic wound treatment
O15.	Joshua McCluskey	A DNA Origami Nanomould to Guide Filamentous Protein Assembly
O16.	Felice quartinello	Environmental genomic analysis and identification of polyesters degrading activities from rumen microbial communities
O17.	Nga T. Lam	Scaffolding functional molecules in proximity to enhance bioactivity
O18.	Jürgen Andraeus	Advances in bioscouring of knitted cotton fabrics with pectate lyase
O19.	Aleksandra Ivanova	Ultrasound-assisted nanostructured coating of silicone with AgAu NPs and Gelatin- Dopamine for Prevention of Bacterial Infections
O20.	Priyanka Dhakane	Living therapeutic materials for sustained drug release
K6.	Naomi Nakayama	