

XIII Summer School on Advanced Biotechnology - September 2-5, 2018 - Sala Lanza, Orto Botanico Palermo						
	Sunday 2		Monday 3		Tuesday 4	Wednesday 5
09:00			<b>Welcome and Opening remarks</b>	Chair: Jack Rohrer Section: Medical biotechnology	<i>Eric Kubler</i> Predictive analytics of antibiotic resistance mutations	Summer School Poster Preparation
09:30		Chair: Laura Suter-Dick Section: Proteomics for biotechnology <i>Simone Scilabra</i> Quantitative proteomics to investigate ectodomain shedding in health and disease	<i>Laura Lentini</i> Rescuing mutant CFTR in cystic fibrosis by genetic drugs		Summer School Poster Preparation	
10:00		<i>Giuseppe Gallo</i> Production yield improvement of microbial bioactive molecules by proteomics-based approaches	<i>Laura Suter-Dick</i> Liver fibrosis: corroboration and improvement of the existing AOP using in vitro data		Poster exhibition	
10:30			<b>Coffee break</b>		<b>Coffee break</b>	<b>Coffee break</b>
11:00		Chair: Simon Crelier Section: Drug delivery and tissue engineering	<i>Italia Di Liegro</i> Extracellular vesicles as carriers of epigenetic information	Chair: Eric Kubler - Section: Industrial and environmental biotechnology	<i>Silke Schneider</i> Personalized Health Initiatives in Zurich and Basel	Poster exhibition
11:30			<i>Jack Rohrer</i> Quo vadis – exosomes produced from mesenchymal stem cells a new tool in drug delivery		<i>Caspar Demuth</i> Online monitoring of biomass concentration	Poster prize
12:00			<i>Simona Campora</i> Functionalization of nanoparticles in specific targeting and mechanism release for tumor therapy.		<i>Katrin Hecht</i> Industrial Biocatalysis	Concluding remarks
12:30						
13:00						
13:30			<b>Lunch</b>		<b>Lunch</b>	
14:00						
14:30						
15:00		Chair: Italia Di Liegro Section: Drug delivery and tissue engineering	<i>Mariano Licciardi</i> Biopolymer Based 3d Scaffold: Versatile Materials For Tissue Engineering and Regenerative Medicine	Chair: Eric Kubler - Section: Industrial and environmental biotechnology	<i>Simon Crelier</i> Roses are red, violacein is purple	
15:30			<i>Monica Salamone</i> Optimization of Langherans islets transplantation, in 3D culture systems.		<i>Peter Leitner</i> Analytics in Soil-Algae - in search for metabolites	
16:00			<i>Francesco Carfi Pavia</i> Polymeric scaffolds as support for in vitro biological 3D models		<i>Anna Weston</i> Conservation of the native fauna equilibrium: a genetic approach to determine the strongest crayfish population ( <i>Austropotamobius pallipes</i> )	
16:30					<b>Coffee break</b>	
17:00					Summer School Poster Preparation	
17:30					Summer School Poster Preparation	
18:00	Registration					
18:30						
19:00	Welcome Party and Bachelor/Master degree poster exhibition					
19:30						