22nd Global Congress on Biotechnology
Feb 28- March 2, 2019 | Berlin, Germany

Scientific Program

Day 1 Feb 28, 2019

Hall Name: Sylt 5

09:00-09:30	Registrations
09:30-09:50	Opening Ceremony
09:50-10:00	Introduction
	Keynote Session
10:00-10:30	Title: Regulatory hurdles of gene editing, how to overcome them
	Klaus Ammann, University of Bern, Switzerland
10:30-11:00	Title: The effect of of increase of NOx and CO2 on grain and fish production, protection of global warming and climate
	Shoichiro Ozaki, The Institute of Physical and Chemical Research, Japan
	Coffee Break @ Foyer 11:00-11:15
11:15-11:45	Title: Biological applications of charged particle guiding through insulating nanocapillaries
	Nikolaus Stolterfoht, Helmholtz-Zentrum Berlin für Materialien und Energie, Germany
	Group Photo
Sessions: Medical Biotechnology | Algal Biotechnology | Pharmaceutical Biotechnology |Environmental Biotechnology |Plant and Agriculture Biotechnology	
Chair	
11:45-12:10	Title: Human metaplastic breast carcinoma and decorin
	Annele Sainio, University of Turku, Finland
12.10-12:35	Title: How to convert industrial dairy effluent into high quality proteins with microalgae
	Marion Champeaud, Université de Poitiers, France
12:35-13:00	Title: Protein Engineering applied to obtain biobetters of antitumor enzyme Asparaginase.
	Gisele Monteiro, University of São Paulo, Brazil
	Lunch Break @ Restaurant Rienäcker 13:00-14:00
14:00-14:25	Title: Cytochrome P450 enzymes as Target for Drug Development
	Klaus Pors, University of Bradford, UK
14:25-14:50	Title: Detection and evaluation of Industrial gas pollutants using optical sensor based on surface plasmon resonance technique
	Sara Mohseni, Niroo Research Institute, Iran
14:50-15:15	Title: Overexpression of a tomato annexin gene AnnSp2, enhances Abiotic stress tolerance in transgenic tomato through ABA synthesis and modulation of ROS production.
	Raina ijiaz, University of Poonch, Pakistan

15:15-15:40	**Title: Aldehyde dehydrogenases as Target for Biomarker & Drug Discovery**
	Klaus Pors, University of Bradford, UK
15:40-16:05	**Title: Assessment of the optimum sites for industrial-scale microalgae biofuel production in red sea region based on GIS models & estimation by mathematical modelling**
	Seifeldin Khedir, University of Khartoum, Sudan
	Coffee Break @ Sylt Foyer 16:05-16:20
	Panel Discussions
Day 2 March 01, 2019	
Hall Name: Sylt 5	
Keynote Session	
09:50-10:00	**Introduction**
10:00-10:30	**Title: Plasmonic Nanostructures for Imaging and Targeting Drug Delivery**
	Oara Neumann, Rice University, USA
10:30-11:00	**Title: Synthetic mRNAs in Clinical Trials: Manufacturing of High Quality GMP-grade Synthetic mRNAs**
	Guido Krupp, AmpTec GmbH, Germany
	Coffee Break @ Sylt Foyer 11:00-11:15
11:15-11:45	**Title: The Layer-by-Layer technology: design of novel soft, hard and hybrid advanced biomaterials for drug delivery**
	Anna Vikulina, Fraunhofer Institute for Cell Therapy and Immunology, Germany
Sessions: Pharmaceutical Biotechnology | Nano Biotechnology | Medical Biotechnology | Genetics/Genetic Engineering |	
Chair	**Oara Neumann, Rice University, USA**
11:45-12:10	**Title: Green Production of Bioethanol**
	Oara Neumann, Rice University, USA
12:10-12:35	**Title: Protein Aggregation Characterization by Nanotechnology**
	Jiali Li, University of Arkansas, USA
12:35-13:00	**Title:Porous Silicon: Synthetic Mineral Bioresorbable Scaffold for Orthopedic Tissue Engineering**
	Naveen Fatima, University of Montpellier, France
	Lunch Break @ Restaurant Rienäcker 13:00-14:00
14:00-14:25	**Title: Human papillomavirus (HPV): systemic treatment with Gene-Eden-VIR/Novirin safely and effectively clears virus**
	Hanan Polansky, The Center for the Biology of Chronic Disease, USA
14:25-14:50	**Title: Genotypic variation in gene expression under environmental perturbation: a case study of wheat under salinity**
	Nidal Odat, Al Balqa Applied University, Jordan
Poster Presentations @ Foyer 14:50-15:45	
Poster Judge: Oara Neumann, Rice University, USA	
PE-01	**Title: Effect of Vanadium stress on physiological and anthocyanin genes in Brassica genotypes with different photosynthetic activity.**
	Javeria Ejaz, University of Poonch, Pakistan

PE-02	**Title: Patent protection of monoclonal antibodies useful to combat multidrug-resistant bacteria**
	Katia Reis, Institute of Immunobiological Technology, Brazil
PE-03	**Title: Peroxiredoxin I as a candidate biomarker of male fertility**
	Do-Yeal Ryu, Chung-Ang University, South Korea
PE-04	**Title: Cellulase production with *Penicillium verruculosum* strain in lab and pilot scale**
	Martin Schomber, Universität Leipzig, Germany
PE-05	**Title: How to convert industrial dairy effluent into high quality proteins with microalgae**
	Marion Champeaud, Université de Poitiers, France
PE-06	**Title: Engineered Erwinase with possible fewer adverse effects for treatment of acute lymphoblastic leukemia**
	Iris Costa, University of São Paulo, Brazil
PE-07	**Title: Bioprospecting and rational engineering of new L-asparaginases to present a better biopharmaceutical for blood cancer treatment**
	Tales costa, University of São Paulo, Brazil
PE-08	**Title: The fabrication of self-shrinking multilayer bio-capsules templated on CaCO3 vaterite crystals**
	Anna Vikulina, Fraunhofer Institute for Cell Therapy and Immunology, Germany
Coffee Break @ Sylt Foyer 15:45-16:00	
	Panel Discussions
Day 3 March 2, 2019	
will be updated soon	