

Lecture Hall 1

		time
Welcome	Prof. Dr. Bruno M. Moerschbacher	14:00:00
<u>Session: Production and modification of Chitin and ChitosanS</u>		
J., Madhuprakash	Substrate-binding cleft orchestrates multiple activities of chitinase-d from <i>Serratia proteamaculans</i>	14:15:00
Wolak, B. M.	The influence of pH on enzymatic deacetylation of chitosan	14:30:00
Magnusson, I.	Fluorescent end labeling of chitosan biomaterials	14:45:00
Senra, T. D. A.	Extensive <i>N</i> -methylation of chitosan: Evaluating the effects of the reaction conditions by using response surface methodology	15:00:00
		15:15:00
<u>Session: Bioactivity of Chitin and ChitosanS</u>		
Tegl, G.	Immobilization of Cellobiose Dehydrogenase on chitosan particles: an antimicrobial system for medical applications	15:45:00
Zubareva, A.	pH-dependent behavior of intracellular sorting of chitosan and its derivatives	16:00:00
Kaiser, M.	The effect of nanoencapsulated capsaicin on mammalian cells and on pungency sensation in the mouth	16:15:00
Qin, X.	Screening of quorum sensing inhibitors with an <i>E. coli</i> biosensor and enhancement of their quorum quenching activity by encapsulating them in chitosan-based nanocapsules	16:30:00
Attjioui, M.	Potential use of a new chitosan degrading fungus in the large scale production of biologically active chitosan oligosaccharides	16:45:00
Gubaeva, E.	Chitosan perception in Arabidopsis requires the chitin receptor AtCERK1, suggesting an alternative model for receptor structure and function	17:00:00

Lecture Hall 2

Welcome	Prof Dr. Francisco M. Goycoolea	14:00:00
<u>Session: Nanotechnology of Chitin and ChitosanS</u>		
Rocha, M. A. M.	Effect of iron sorption by chitosan films in presence of different carboxylic acids	14:15:00
Riegger, B.	Chitosan based nanoparticles for adsorption of micropollutants	14:30:00
Wysokowski, M.	Chitin as novel template for Extreme Biomimetics	14:45:00
Toeri, J. R.	New chitosan-azacrown ether films for bioremediation. Preparation and thermomechanical properties	15:00:00
		15:15:00
<u>Session: Biomedical application of Chitin and ChitosanS</u>		
Azuma, K.	Biomedical application of superficially deacetylated chitinnanofibrils: wound healing and biological adhesive	15:45:00
Goßla, E.	The application of chitosan scaffolds for regenerative cartilage tissue engineering.	16:00:00
Wu, D.	Physiologically stabilized colloidal polyelectrolyte complexes for targeted drug delivery	16:15:00
Aaldering, L. J.	MUC-1 aptamer-modified chitosan for miRNA-145 delivery to breast cancer cells	16:30:00
Blanchard, K.	Chitosan, a versatile vaccine delivery system	16:45:00
Fernandez, E.	Chitosan polyplexes as non-viral gene delivery in human airway epithelial cells	17:00:00