

Biopolymer micro/nanoparticles for medical and agricultural applications

May 6th/2022, CIPA Auditorium, Hybrid modality

Workshop program

Time (UTC-4)	Activity	Speakers	Theme
08:40 - 08:55	Registration	Organizing Committee	
08:55 - 09:00	Welcome remarks	Dr. Claudio Toro Aedo, Director Ejecutivo, CIPA	
09:00 - 09:45	Plenary lecture	Dr. Alain Dufresne , École internationale du papier, de la communication imprimée et des biomatériaux " Université Grenoble Alpes, France	Polysaccharide nanomaterials
09:45 - 10:30	Plenary lecture	Dr. María Isabel Fernández Bachiller , Centro de Química Aplicada y Biotecnología, Universidad de Alcalá de Henares, Spain	Scaling up of micro/nanoparticles of bio-based polymers generated by enzymatic catalysts
10:30 - 10:45	Round of questions		
10:50 - 11:05	Talk / On-line	Dr. Mariano Martín , Universidad de Salamanca, Spain	Process and product design for formulated products
10:05 - 11:20	Talk	Dr. Yadienka Martinez , National Research Council's Security and Disruptive Technologies Research Center, Canada	Boron nitride nanotubes: characterization and nanocomposite preparation
11:20 - 11:35	Talk	Dr. Marcela Frizzo , Facultad de Ingeniería Civil, Universidad de San Sebastián, Chile	TiO ₂ -doped graphene quantum dots based wine shoot biomass for biological and energy application
11:35 - 11:45	Round of questions		
11:45 - 12:05	Coffee break		
12:05 - 12:20	Talk	Dr. Isabel Carrillo , CIPA, Chile	Regenerated cellulosic materials from different woody sources
12:20 - 12:35	Talk / On-line	PhD. Danny Moncada/Dr. Rebeca Bouza , Universidad de A Coruña, Spain	Injectable hybrid hydrogels physically crosslinked based on carrageenan and green graphene for tissue repair
12:35 - 12:50	Talk	Dr. Gustavo Cabrera , Unidad de Desarrollo Tecnológico, Universidad de Concepción, Chile	Fungal chitin nanofiber isolation, characterization and potential applications
12:50 - 13:05	Talk	Dr. Nery Jara , Facultad de Ciencias Biológicas, Universidad de Concepción, Chile	New biomedical application for biopolymers
13:05 - 13:20	Talk	Dr. Saddys Rodríguez , CIPA, Chile	Flash precipitation to fabricate loaded and unloaded biopolymer micro/nanoparticles
13:20 - 13:30	Round of questions		
13:30 - 13:40	Closing remarks	Dr. Claudio Toro Aedo, Director Ejecutivo, CIPA	