



Annual PhD Workshop on Biotechnology

20th July 2021

Time	Name	Thesis title
10:00	Francisca Teixeira Soares da Mota Ferreira	Design of paper-based analytical devices for chemical and biochemical assays of biomarkers in non-invasive biological fluids
10:20	Catarina da Costa Miranda	TP - Fate of micropollutants and recovery of EPS in Aerobic granular sludge technology in events of salt intrusion
10:40	Marta Sofia de Almeida Mendes	Dye decolourisation by Yeasts: Insights on Enzymes and Pathways towards an innovative solution for textile effluents
11:00	Ana Paula Capêto Matos de Sousa	TP - Develop a bio-based process that converts lipid's distillation and evaporation residues into polymers with potential application for further materials industry
11:20	Ana Isabel Ribeiro Lopes	TP - Application of essential oils/chitosan nanoparticles for the treatment of skin yeast infections
11:40	Nelson Fernando Mota de Carvalho	TP - Establishment of a platform with in vitro gastrointestinal models for human food and animal feed ingredients development

Lunch Break: 12 – 14h

Time	Name	Thesis title
14:00	Beatriz Gonçalves Bernardes	TP - Silk-based hydrogel/aerogel formulations for the sequential release of vancomycin and curcumin towards wound healing and regeneration
14:20	Anabela Alves Veiga	TP - Biofabrication of a 3D silk-sericin construct as a new strategy for Engineering a Skin Tissue Model
14:40	Ricardo Jorge Guedes Paiva Freixo	TP - Production, purification and valorization of cellulose oligomers from sugarcane bagasse



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Time	Name	Thesis title
10:00	Cindy Marlène Mesquita Serafim	Ectomycorrhiza as a tool to improve urban trees resilience
10:20	Daniela da Silva Magalhães	TP - Development and characterization of functional ingredients through valorization of Citrus lemon peels: natural antioxidants and antimicrobials for food preservation
10:40	Ana Sofia da Silva Oliveira	TP - Development of rich-peptide extracts from yeast by-products for functional applications
11:00	Mariana da Luz Cabral Veiga	TP - The bioactive effects of cannabidiol on skin: from daily care to disease management applications
11:20	Ana Margarida Massa Faustino	TP - Valorization of yeast-based mannans as sources of bioactive ingredients for functional applications
11:40	Pedro Miguel Constante de Sousa	TP - Valorization of β -glucans extracts into high-value skincare ingredients

Lunch Break: 12 – 14h

Time	Name	Thesis title
14:00	Francisca da Silva Teixeira	TP - Lipidomic and Functional Characterization of Industrial Fermentation By-Products to Predict Potential Technological Applications
14:20	Maria João Coimbra Branco de Carvalho	TP - Design of natural and sustainable ingredients from sugarcane by-products for cosmetic and skin care industry
14:40	Sara Alexandra Dias Marçal	Integrated valorisation of mango byproducts through the development of multifunctional ingredients
15:20	Francisca Casanova Cerqueira Bastos	TP - Design of Cellulose Based Micro- and Nanostructures for Encapsulation and Controlled Release of Lipophilic Biomolecules