



## Annual PhD Workshop on Biotechnology 2024

16<sup>th</sup> July 2024 – Auditório Comendador Arménio Miranda (EBI-100)

Time	Name	Thesis title
9:30	Opening	
9:40	Ana Isabel Paupério Mendes Ribeiro	<i>TP - Development of New Food Products with Alternative Proteins Obtained from Agrifood Byproducts</i>
10:00	Ana Carolina Cassoni	Lignin extract as potential biopesticide for the control of nematode parasites - An integrative approach
10:20	Maria Manuel Pereira de Melo Rodrigues	<i>TP - Design of Microfluidic Paper-Based Sensors for Monitoring Biological Fluids of Non-Invasive Collection - Chemical and Biochemical Assays in Newborn's and Children's Saliva</i>
10:40	Coffee Break	
11:20	Mariana Sofia Brandão Godinho	<i>TP - Development of New Bioinoculant Formulations to Improve Maize Growth under Drought and Reduced Chemical Fertilization</i>
11:40	Jazmin Rocio Osorio Perez	Evaluating the benefits of agrobiodiversity and sustainable diets with legumes using participatory and non-participatory approaches and development of nutrients
12:00	Rita da Costa Vedor	<i>TP - Gamma-Aminobutyric Acid Enriched Probiotic Food Carrier as a Non-Drug Alternative to Anxiety Modulation in Childhood and Adolescence</i>

### Lunch break

Time	Name	Thesis title
14:20	Sofia Luísa Pereira de Sousa	BE@T – Bioeconomia para Têxtil e Vestuário, investimento TC-C12-i01 – Bioeconomia Sustentável
14:40	Henrique Manuel Pimenta Coelho	<i>TP - Applying Artificial Intelligence System-Based on Routine Laboratory Results for the Early Diagnosis and the Health Impact Prediction of Combined Therapies in Multiple Myeloma</i>
15:00	Andreia Silva Fernandes	Immunomodulatory Activity of B-glucans from Natural Sources in the Skin
15:20	Juliana Isabel Soares Aguiar	<i>TP - Design of Microfluidic-Based Approaches for the Bioanalytical Assessment of Public Healthrelated Parameters in Water Sources for Human Consumption</i>
15:40	Coffee Break	
16:00	Pedro Miguel da Silva Baptista Ribeiro	Covid-19 Effective Predicting Tool Through Electrocardiographic Activity
16:20	Marta Oliveira Vasconcelos Rosadas	<i>TP - DREAMSkin - Exploring a decellularized rabbit dermal matrix as a potential bio-substitute of human skin</i>
16:40	Daniela da Silva Magalhães	Integrative Approach of Lemon Peels Valorization: Clean Label Solutions for Food Preservation



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Time	Name	Thesis title
9:30	Opening	
9:40	<i>Israel Bautista Hernández</i>	<i>TP - Biorefinery Approach for Biofunctional Protein-Rich Extracts Obtention Using Algae Biomasses as Novel Sources of Food Additives</i>
10:00	<i>Djedjiga Bellouche</i>	<i>TP - Algae Biorefinery: Unlocking the Potential of Algal Biomass for Sustainable Protein Ingredient Production</i>
10:20	Ana Margarida Ribeiro Teixeira	Dispersion of antibiotic resistance within nature-based solutions and surrounding biota
10:40	Ana Rita Matos Mendes	Mass transfer properties of nanocelulose-based materials. Application to nano zinc oxide as antimicrobial food packaging
11:00	<b>Coffee Break</b>	
11:20	<i>Maria Inês Leão Silva</i>	<i>TP - Storage as a natural and sustainable process for the final treatment of wastewater for reuse</i>
11:40	Srishti Singh	Novel approaches to improve properties of cellulose-based packaging. A critical study on safety
12:00	<i>Inês Vasconcelos Martins Silva</i>	<i>TP - LessDISRUPTIVE - Less DISRUPTIVE technologies for processing biological tissue into preserved and highly functional matrices for wound healing and regeneration</i>
12:20	Joana Patrícia Abreu Silva	Antibiotic resistance in the environment-human interface



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Time	Name	Thesis title
9:30	Opening	
9:40	Ana Margarida Martins Vilas Boas	Development of Functional Hydrogels Encapsulating Bromelain Recovered from Pineapple by-Products for the Control of Inflammatory Bowel Diseases
10:00	Éva Marandet	TP - Examining the Impact of Novel Cohesion Regulators in Chromosomal Segregation Fidelity
10:20	Lourenço Ascensão Marques Pinto de Rezende Rodrigues	Urban Farming for All: Looking at Safety in Urban Food Production to Tease Out the Best Approaches
10:40	Arlindo André e André Cima	TP - Bio-Ingredientes Funcionais para a Indústria de Bebidas a partir de Extratos de Plantas Aromáticas e ou Medicinais Endógenas da Região do Barroso
11:00	Coffee Break	
11:20	Maria Teresa de Moura Pereira Bento de Carvalho	TP - Edible Insects and Food Safety: Providing Scientific Insights for the Agro-Food Sector
11:40	Valter Filipe Reis Martins	Valorization of Algae and Agro-industrial By-products in the Development of Biodegradable Coatings and Biofilms under a Circular Economy Approach
12:00	Marta Maria Gallis Ramalho	TP - Understanding the Role of Liquid Organelles in Influenza Viral Zoonotic Spillover

### Lunch break

Time	Name	Thesis title
14:20	Cintia Borghetti Goes	TP - Impact of Novel Technologies in the Shelf-Life of Fresh and Packaged Clams <i>Venerupis Corrugata</i>
14:40	Marta Isabel Pimenta de Carvalho	Acinetobacter as foodborne pathogens: contributing data to fill knowledge gaps
15:00	Abir Tebai	TP - Natshrimp – Bio-Based and Sustainable Approaches to Preserve Shrimps: Innovative Processes with Improved Performance
15:20	Kavita Bhavin Sorathiya	TP - Natural solutions to develop healthier clean label foods
15:40	Coffee Break	
16:00	Joana Maria Carvalho Gomes	Climate change and food safety: impact on proliferation and virulence of foodborne pathogens on fresh products
16:20	Mónica Raquel Brás Oliveira	Listeria gut microbiota interactions and listeriosis
16:40	Ana Sofia dos Santos Sousa	Multifunctional microparticle targeting colon inflammation