

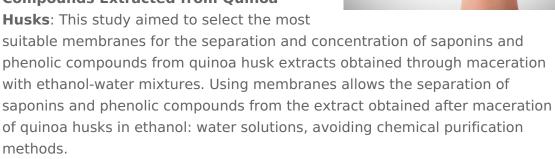
Grupo de investigación RNM-332. Ingeniería de Interfases y Tecnología Bioquímica

CHISA 2024 Congress

Dressota el Mié, 38/08/2024 - D9:00

We are excited to announce that our research group will be partitipating in the upcoming CHISA 2024 restricted to take place in August 2024 in Regive. Our team will be presenting key findings from PURIAGNUST TRUITS. Here's a summary of our significant results:





- 2. Joint Aerobic Biodegradability of Polyester and Cotton Microfibers and Laundry Surfactants: This work studied the aerobic biodegradation of microfibers from polyester/cotton fabric in combination with non-ionic surfactants from laundry products. The findings suggest that the presence of microfibers can affect the biodegradation course of surfactants, and vice versa.
- 3. Gluten Allergens Removal from Food Contact Surfaces. Protease and Amylase Influence

- : This research investigated the effectiveness of enzyme-containing detergents to reduce gluten allergenicity on several surfaces previously contaminated with gluten-containing flour. The results demonstrated a significant gluten allergen reduction ability of detergents formulated with proteases or amylases on stainless steel, silicone, and nylon surfaces.
- 4. **Surfactants and Skin Irritation**: This study focused on the main adverse outcome at the skin level, irritation, assessed following the specific Test Guidelines (OECD) (439) that use an in vitro 3D reconstructed human epidermis (RhE) model. The evaluation of the skin irritation of the surfactants studied shows as a general conclusion that surfactants Polyoxyethylene glycerol ester have a minor irritation potential than Oxided-based surfactants.

We look forward to sharing our research and engaging with other experts in the field at CHISA 2024. See you in Prague!

ADJUNTO	TAMAÑO
GLUTEN ALLERGENS REMOVAL FROM FOOD CONTACT SURFACES	1.54 MB
SELECTION OF MEMBRANES FOR THE SEPARATION OF SAPONINS AND PHENOLIC COMPOUNDS	1.88 MB
AEROBIC BIODEGRADABILITY OF POLYESTER AND COTTON MICROFIBERS	646.84 KB
IN VITRO ASSESSMENT OF SKIN IRRITATION OF SURFACTANTS	1.78 MB