

Poster contributions

Session I 18.06.2026

PC1

Patrycja Szumala

Cosurfactants and oils at the interface in microemulsion delivery systems

PC2

Sylwia Włodarczak

Influence of selected essential oils on the stability and properties of emulsions

PC3

Magdalena Matuszak

Development of the composition and methodology for obtaining a cosmetic emulsion with an intensive moisturising effect

PC4

Elena Filova

Light-responsive polymeric materials for biomedical applications

PC5

Mariusz Sandomierski

Multifunctional polyphenolic coatings doped with bioactive ions for controlled ciprofloxacin delivery from titanium and polymeric implants

PC6

Zuzanna Buchwald

Metal-organic frameworks in dental composites: a promising strategy for active materials

PC7

Aleksandra Florkiewicz

Enriched sea buckthorn juices as a source of short-chain fatty acids (SCFA) in the dietary therapy of intestinal dysbiosis and skin regeneration

PC8

Kamila Będkowska

The role of the continuous phase composition in the formation of alginate hydrogels

PC9

Matylda Grzelecka

Molecular docking studies of bakuchiol as a potential retinoic acid receptors ligand

PC10

Aleksandra Radtke

Biodegradable iron-based materials: the impact of porous architecture and stability of the corrosion product layer on the degradation process and biological response

PC11

Lukasz Palkowski

Tailored surface-active ionic liquids for advanced biomedical and pharmaceutical applications

PC12

Karolina Kulka-Kamińska

Modification of glabridin-loaded biopolymeric films via cross-linking process

PC13

Michalina Ehlert

ALD-GROWN ZnO THIN FILMS ON NANOPOROUS TiO₂ LAYERS FABRICATED ON Ti6Al4V ALLOY: FABRICATION AND STRUCTURAL ANALYSIS

PC14

Beata Świczko-Żurek

The biological studies of mucous membrane regenerating material based on SCOOPY nanocellulose with active additives

PC15

Aleksandra Domke

Multifunctional PES dialysis membranes via in situ gold nanoparticles and tannic acid modification

PC16

Marta Cristo

Comparative evaluation of calendula officinalis and lychnis flos-cuculi as modulators of endothelial cell behavior

PC17

Marlena Grodzicka

Zinc oxide thin films deposited by atomic layer deposition: characterization and preliminary antibacterial properties

PC18

Ana Luisa Bastos Cardoso, Buse Duru Tepe

Collective Biomolecular Interactions in Confined Space by Computer Modeling of Usefulness for Skin Health

4th International Conference CHEMISTRY FOR BEAUTY AND HEALTH

Session II 19.06.2026

PC1

Maria Powężka

Structural and mechanical insights into co-gelled alginate-chitosan hydrogels

PC2

Marcel Jakubowski

Hydrothermally Synthesized Titanium Phosphate Coatings as Dual-Function Platforms for Antibiotic and Osteogenic Ion Release

PC3

Ewa Kubis-Jarzec

The effect of gamma radiation on the properties of nasal products containing xylitol

PC4

Amelia Hejna

Zinc- and zirconium-based bio-mofs and l-glutamic acid as drug carriers with controlled release kinetics

PC5

Klaudia Malisz-Rudzińska

Mechanical performance and biocompatibility evaluation of chitosan/adenosine coatings on stents

PC6

Anna Melnyk

Effect of Tea- and Coffee-Based Media and purification method on the Structure and Properties of Bacterial Nanocellulose from SCOBY

PC7

Katarzyna Strzeżik

Determination of Total Polyphenol Content by the Folin–Ciocalteu Method in Powdered Hibiscus Flowers and Goji and Açai Berries

PC8

Tetiana Prokopchuk

Mechanochemical synthesis of beta-glucan-based solid dispersions of telmisartan

PC9

Oliwia Konieczka

Development of functionalized cellulose acetate membranes with sb additive and platinum nanoparticles for potential hemodialysis applications

4th International Conference CHEMISTRY FOR BEAUTY AND HEALTH

PC10

Martyna Foltyn

Synthesis and characterization of halloysite-embedded hydrogels for biomedical applications

PC11

Martyna Dudek

Antioxidant potential of spirulina

PC12

Eliza Wargala

*Valorization of agricultural waste: the use of corn stigma (*stigma maydis*) in diabetic foot care*

PC13

Tuba Tuba

*Evaluation of antimicrobial activity of biosynthesized silver nanoparticles from *pleurospermum candollei* seeds*

PC14

Dawid Dubiel

*The dermatological properties of extracts and ferments from various parts of the grapevine (*Vitis vinifera*)*

PC15

Wojciech Kopacki

The study of the structure of bone cement using FTIR spectroscopic technique

PC16

Marcel Jarkiewicz

Assessment of the porosity of bone cement with the addition of active substances

PC17

Aleksandra Arciszewska

*Extracts from *hibiscus sabdariffa* as a source of bioactive compounds in cosmetic preparations*

PC18

Ewelina Szlęzak

Folic acid-coated PEGylated gold and silver nanoparticles for targeted cytostatic drug delivery in ovarian cancer theranostics

PC19

Weronika Misztal

*Analysis of the antioxidant and anti-aging potential of matcha tea (*camellia sinensis*) depending on extraction conditions in the context of cosmetic formulations*