

Wed 16th December from 12:00 GMT

12:00-12:05: Opening- Prof Basak Kayitmazer. WG2 Leader

Session 1: Chair Prof Basak Kayitmazer

12:05-12:35: **Laura Russo:** "GlycoBiomaterials: GlycoBiomaterials for development of medical devices: from printable 3D cultures to regenerative medicine".

(University of Milano-Bicocca, Italy/ National University of Galway, Ireland)

12:35-13:05: **Jixiang Wang:** "Molecular Imprinting Calcium alginate gel for Inhibiting PD-L1/PD-1 Binding to Activate Cancer Immunotherapy".

(Åbo Akademi University, Turku, Finland)

SOUND BITES I:

13:05-13:10: **M^a Carmen Castillejos:** "Photo-Responsive Nanotube-Based Multifunctional Supramolecular Glycogels".

(Institute of Chemistry Research of Seville (CSIC), Spain)

13:10-13:15: **Sjors van Klaveren:** "The Road to Selectivity for the Galectin-8N Carbohydrate Recognition Domain".

(Lund University, Sweden)

13:15-13:20: **Ana I. Carbajo-Gordillo:** "Click Synthesis of Star Polymers with Trehalose-based Macrocyclic Cores for Synergistic DNA Complexation and Delivery"

(Institute for Chemical Research, CSIC – University of Sevilla, Spain)

13:20-13:25: **Lorenzo Rossi:** "Multimodal in vivo imaging of pancreatic beta-cells using glyco-polymers based nanoparticles"

(University of Milano-Bicocca, Italy)

Lunch Break

Session 2: Chair Dr Trinidad Velasco-Torrijos

14:30-15:00: **Paulo Brites:** "Development of starch/porphyrin-based photosensitizers for anti-infective therapies".

(University of Aveiro, Portugal)

15:00-15:30: **Elena Romero Ben:** "Carbohydrate-Based Supramolecular Hydrogels for Biomedical Applications".

(Institute of Chemistry Research of Seville (CSIC), Spain)

SOUND BITES II:

15:30-15:35: **Fatma Akcay Ogur:** "Effect of Hoffmeister Series on Hyaluronic Acid-Chitosan Complex Coacervation".

(Bogazici University, Istanbul, Turkey)

15:35-15:40: **Francesca Cadamuro:** "Exploring the role of glycans in the Extracellular Matrix (ECM): glyco-conjugates biomaterials to study cell fate".

(University of Milano-Bicocca, Italy)

15:40-15:45: **Eleni Kavetsou:** "Natural based and synthetic nano/micro carriers as personalized and multifunctional systems for medicinal, pharmaceutical and agriculture applications".

(National Technical University of Athens, Greece)

15:45-15:50: **Mujtaba Hassan:** "Benzimidazole-Galactosides Bind Selectively with High Affinity to Galectin-8 N-terminal Domain".

(Lund University, Sweden)

15:55: **Seda Kızılel:** "Multifunctional Glycan Hydrogels with Reversible Crosslinking for Controlled Therapeutics Delivert".

(Koç University, Istanbul, Turkey)

Closing remarks: Prof Carmen Galan (Action Chair)