

Synergy Symposium for NanoBioMedicine

Organized by HRZZ projects OrDeN (IP-2016-06-1137), NanoFaces (IP-2016-06-2436), CaPBiomimNanocomp (IP-2018-01-1493), NanoFlavNeuroProtect (IP-2016-06-8415), and NutriINTENSE (IP-2018-01-8119)

Program

1st day: November 4th, 2019 (Monday)

Location: Student lecture room (3rd floor), Faculty of Pharmacy and Biochemistry, University of Zagreb, Ante Kovačića 1, Zagreb

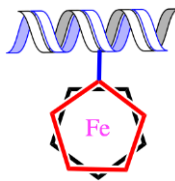
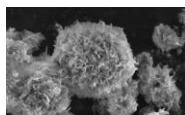
- 16:00 – 17:00h Prof. Heinrich Lang
“From: Small Tailor-made Molecules To: New Materials”
Faculty of Natural Sciences, Technische Universität Chemnitz, Germany
- 17:00 – 17:30h Interactive Session incl. short presentation of projects main activities

2nd day: November 5th, 2019 (Tuesday)

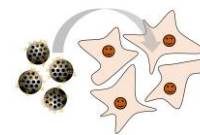
Location: Lecture hall, 3rd Wing, (Ground floor), Ruđer Bošković Institute, Bijenička cesta 54, Zagreb

- 10:00 – 11:00h Prof. Konrad Kowalski
“Organometallic Xeno-Nucleic Acid Nucleosides: Synthesis and Biological Activity”
Faculty of Chemistry, University of Łódź, Poland
- 11:00 – 11:10h Barbara Pem, PhD Student
“Effect of particle shape and size on the interactions of gold nanoparticles with proteins of different glycosylation status” (co-authors: Rinea Barbir, Rafael Ramírez-Jiménez, Rafael Martín-Rapún, Jesús Martínez de la Fuente, Ivana Vinković Vrček)
Institute for Medical Research and Occupational Health, Zagreb, Croatia
- 11:10 – 11:20h Anja Sadžak, PhD Student
“Enhanced protection of biological membranes using flavonoid embedded nanoparticles” (co-authors: Anja Sadžak, Lucija Mandić, Suzana Šegota)
Ruđer Bošković Institute, Zagreb, Croatia

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NutriINTENSE



11:20 – 11:30h

Emerik Galić, PhD Student

“In vitro toxicity assessment of chemically synthesized selenium nanoparticles” (co-authors: Krunoslav Ilić, Tomislav Vinković, Ivana Vinković Vrček, Ivan Pavičić)
University J. J. Strossmayer, Faculty of Agrobiotechnical Sciences, Osijek, Croatia

11:30 – 11:40h

Ina Erceg, PhD Student

“Influence of albumine on calcium phosphate formation on TiO₂ nanotubes” (co-authors: Ivana Panžić, Atiđa Selmani, Andreja Gajović, Maja Dutour Sikirić)
Ruđer Bošković Institute, Zagreb, Croatia

11:40 – 11:50h

Mateja Toma, PhD Student

“Organometallic derivatives of DNA bases” (co-authors: Davor Šakić, Jasmina Lapić, Senka Djaković, Valerije Vrček)
Faculty of Pharmacy and Biochemistry, University of Zagreb, Zagreb, Croatia

11:50 – 12:30h

Discussion