

Titlu proiect: Safety testing in the life cycle of nanotechnology-enabled medical technologies for health (SAFE-N-MEDTECH)

Categoria de proiect: H2020-NMBP-TO-IND (Foundations for tomorrow's industry), Type of action: IA

Contractul de finanțare: Nr. 814607/2019

Durata proiect: 48 luni

Responsabil proiect: Tănăsescu Speranța Valeria

Lista rezultate

Nr. crt.	NUME AUTORI	TITLUL ARTICOLULUI/ CĂRȚII / COMUNICĂRII ȘTIINȚIFICE	REVISTA / VOLUMUL/EDITURA IN CARE A APARUT / CONFERINȚA LA CARE S-A COMUNICAT	ANUL PUBLICĂRII/ COMUNICĂRII
COMUNICARI ȘTIINȚIFICE NATIONALE				
1	S. Tănăsescu	Key parameters controlling the interaction at the bio/nano interface	The 18 th edition of the Nanoscience and Nanotechnology Seminar (SNN2019), 24-25 October 2019, Iași, Romania (Invited paper)	2019
COMUNICARI ȘTIINȚIFICE INTERNAȚIONALE				
1	S. Tanasescu, A. Precupas, D. Gheorghe, A. Botea-Petcu, R. Sandu, V.T. Popa	Thermodynamic parameters controlling the interaction at the bio/nano interface: novel criteria for nanomaterials grouping,	EuroNanoForum Conference (ENF2019), June 12-14, 2019, Bucharest, Romania. (poster)	2019
2	S. Tanasescu, D. Gheorghe, A. Precupas, A. Botea-Petcu, R. Sandu, V.T. Popa	Key parameters controlling the bio/nano interface: thermodynamic characteristics of the nanoparticles/protein interaction	Nanomed Europe 2019 – NME19 – June 17-19 – Braga, Portugal. (poster)	2019
3	A. Botea-Petcu, D. Gheorghe, A. Precupaș, R. Sandu, V.T. Popa, S. Tănăsescu	Thermodynamic parameters of the protein interaction with SiO ₂ nanoparticles	XXII International Conference on Chemical Thermodynamics in Russia (RCCT 2019), June 19-23, 2019, St. Petersburg, Russia. (poster)	2019

4	S. Tanasescu	Key energetic parameters controlling the interaction at bio/nano interface	Prezentarea contributiei Laboratorului de Termodinamica Chimica in cadrul proiectului SAFEnmt https://safenmt.eu/blog/key_energetic_parameters_controlling_the_interaction_at_bio-nano_interface 31.01.2020	2020
5	S. Tanasescu (Member of the „Safety and Characterization” Working Group si “Topic Proposer”)	Proposer of the topic: “The understanding of molecular interaction and the identification of ligands which have an appropriate biological effect on a validated target biomolecule - a central point in the research activity with impact in the advanced or nano-enabled drug delivery systems.”	The 15 th annual event of the European Technology Platform on Nanomedicine (ETPN), Virtual Meeting, 14-15 October 2020, „Safety and Characterization” Working Group Meeting ETPN2020. https://etp-nanomedicine.eu/event/etpn2020-virtual-event/	2020
6	A. Serban, F. Maxim, F. Teodorescu, A. Sofronia, I. Atkinson, R. Sandu, S. Tanasescu	The interaction of hydroxyapatite nanoparticles with proteins	3 rd International Conference on Emerging Technologies in Materials Engineering (EmergeMAT3), Section ADVANCED MATERIALS AND COATINGS FOR EXTREME CONDITIONS (corrosion, high temperatures, biomedical applications), Virtual Conference 29-30 October 2020, Bucharest, Romania.	2020

Responsabil proiect,

Dr. Tănăsescu Speranța Valeria