

Nanobiotechnology and Nanomedicine

Chair: Dr. Gerardo García Rivas

Location: Library, Art-gallery

Time	Presenter	Title	Code
09h30	Héctor Cabrera	Nanoparticle Drug Delivery Systems for Prevention of Cardiovascular Disease	NBNM-04
09h45	Jorge A. Uquillas	Natural Surface Architectures to Control Cell Fate	NBNM-03
10h00	Rafael Vazquez-Duhalt	Multifunctionalized Biocatalytic P22 Nanoreactor for Combinatory Treatment of ER+ Breast Cancer	NBNM-12
10h30	Elvin Blanco	Polymer Functionalization of Isolated Mitochondria for Cellular Transplantation and Metabolic Phenotype Alteration	NBNM-PL
11h00	BREAK		
11h30	Rúben Morones	Desarrollo de Terapias Inteligentes: Una charla entre cócteles y nanomaquinas	NBNM-PL
12h00	Víctor H. Sánchez	GelMA Semi-Automated Process: Halloysite Nanotubes Composite Scaffolds for 3D Cell Culture	NBNM-08
12h15	Jorge L. Cholula-Díaz	Cytotoxic Activity on Human Breast Cancer Cells of Green Synthesized Ag/Au Alloy Nanoparticles	NBNM-09
12h30	Goldie Oza	Biosynthesized Au-Fe ₃ O ₄ nanocomposites using Iterative seeding of Au on Iron oxide and their applications in drug delivery, Magnetic Hyperthermia and MRI for Cancer Theranostics	NBNM-06
12h45	César A. Villalobos	Evaluation of the Antifungal Properties of Zinc Oxide and Titanium Dioxide Nanoparticles for the Control of Biodeterioration in Cultural Heritage	NBNM-10
13h00	Omar Lozano García	Development of a Polymeric Nanovector for Antioxidant Delivery in Cardiac Nanomedicine Applications	NBNM-13
13h15	Edith Velázquez-Lam	Functionalization of viral-derived nanoparticles with health-promoting plant biomolecules	NBNM-15
13h30	Karen Martirosyan	Superparamagnetic Nanostructured Media for Biomedical Applications	NBNM-16
13h45	Elevator pitch session* Javier Donoso-Quezada	Exosomes as Nanocarriers for the Delivery of Bioactive Compounds from Black Bean Extract with Antiproliferative Activity in Cancer Cell Lines	NBNM-01
	Anay Lázaro-Alfaro	Development of Polymeric Nanovehicles for siRNA Delivery into Cardiac Cells	NBNM-05
	Alan R. Márquez-Ipiña	A Virus-free Fe ₃ O ₄ Nanoparticle-based Influenza Vaccine	NBNM-04
	Ivonne Contreras-Gamboa	Using Nanofiber Networks Derived from Turnip Mosaic Viral Particles in Cell-culture Applications	NBNM-11
	Milena Ureña	Effect of a Bee Product Component on Human Cell Lines	NBNM-14
14h00	BREAK		

* The elevator pitch session is a series of continuous presentations of 3 minutes. To this, the structure is as follows: only 2 slides are allowed, a title slide and the content slide. Presenters should upload their slides before the start of this session.