

# Inorganic Nanocarriers for Delivery of Therapeutic Agents: Diagnosis and Treatment

**Metal oxide nanosphere for drug delivery application**

**Bava Bakrudeen**  
bavabakrudeen.h@vidyanikethan.edu  
February 26th , 4:30 pm Iran time

**Gold nanoparticles: Focus on microbial synthesis and applications in cancer therapy**

**Viliana Gugleva**  
viliana.gugleva@mu-varna.bg  
March 3rd ,2:30 pm Iran time

**Nano-hybrids for drug delivery, disease diagnosis and therapeutic**

**Animesh Samanta**  
animesh.samanta@snu.edu.in  
February 21th

**The potential and challenges of magnetic nanomaterials in drug-delivery applications**

**Bharati Tudu**  
bharati.tudu@jadavpuruniversity.in  
February 14th , 12 pm Iran time

**Synthesis and physicochemical characterizations of natural polysaccharide based colloidal gold nanoparticles as drug delivery**

**Laxmi Devi**  
laxmi.devi1093@gmail.com  
March 5th, 8 am Iran time

**Synthesis, characterization and exploitation of nanostructures for improving performance parameters in electrochemical immunosensor**

**Ragini Raghav**  
ragini.raghav@gmail.com  
February 11th

**Application of upconversion nanoparticles in biological labeling and imaging**

**Iman Rostami**  
iman.rostami2@unibe.ch  
February 6th , 4:30 pm Iran time

**Inorganic nanocarriers for targeted delivery and slow release of anticancer drugs**

**Gamini Rajapakse**  
rmgr@pdn.ac.lk  
February 19th , 2.00 pm Iran time

**Designing of nanostructure based carrier for targated drug delivery**

**Prabhakar M. Dongre**  
drpmdongre@yahoo.co.in  
February 23 , 1 pm Iran time

**Mediation of gold nanoparticles in photothermal therapy**

**Dakrong Pissuwan**  
Dakrong.pis@mahidol.ac.th  
March 5th

**Nanoparticle based vaccines against infectious diseases**

**Ramalingam Vaikundamoorthy**  
ramalingam@iict.res.in  
February 28th

**Functional coordination polymers at the nanoscale: old materials new tricks**

**Daniel Ruiz-Molina dani.ruiz@icn2.cat**  
March 1st



# **Inorganic Nanocarriers for Delivery of Therapeutic Agents: Diagnosis and Treatment**

**Seeing and delivering drugs deep inside the body**

**Marta Cerruti**

**marta.cerruti@mcgill.ca**

**March 1st , 5 pm Iran time**

**Cancer Nanomedicine: Combination of Gold Nanoparticles with Other Radiosensitizing Agents to Exploit Full Potential of Radiotherapy**

**Devika Chithrani**

**devikac@uvic.ca**

**February 14th , 4 pm Iran time**

**Intelligent Design of Ultrasmall Iron Oxide Nanoparticles -Based Platforms for Theranostic Application**

**Xiangyang Shi**

**xshi@dhu.edu.cn**

**February 17th , 10 am Iran time**

**Exploring Light to Facilitate Transport in the Eye**

**Stefaan De Smedt**

**Stefaan.DeSmedt@UGent.be**

**February 8th , 2:30 pm Iran time**

**Surface-functionalized 2D carbon nanomaterials: Multi-beneficial role in cancer treatment**

**Swati Biswas**

**swati.biswas@hyderabad.bits-pilani.ac.in**

**February 27th**

**Silver nanoparticles: Formulations & applications in treatment of human**

**Tikam Chand Dakal**

**tc.dakal@mlsu.ac.in**

**February 5th pm , Iran time**

**Development of multifunctional nanomaterials, their delivery and efficacy as cancer cells extermination**

**Che Azurahamanim Che Abdullah**

**azurahamanim@upm.edu.my**

**February 11th , 10 am Iran time**

**Specially designed mesoporous nanocapsules for the therapeutic applications**

**Pradip Paik**

**paik.bme@iitbhu.ac.in**

**March 4th, 10 am Iran time**

**Oral Presentation: Mechanical cell behavior alteration triggered by inorganic PS and cancer thermal therapy using gold core/shell NPs and**

**Course Proposal: Nanostructured materials: Physico-chemical properties and applications in nanomedicine**

**Valeria De Matteis**

**valeria.dematteis@unisalento.it**

**February 21th, 22th, 23th, 24th, 25th, March 2nd**