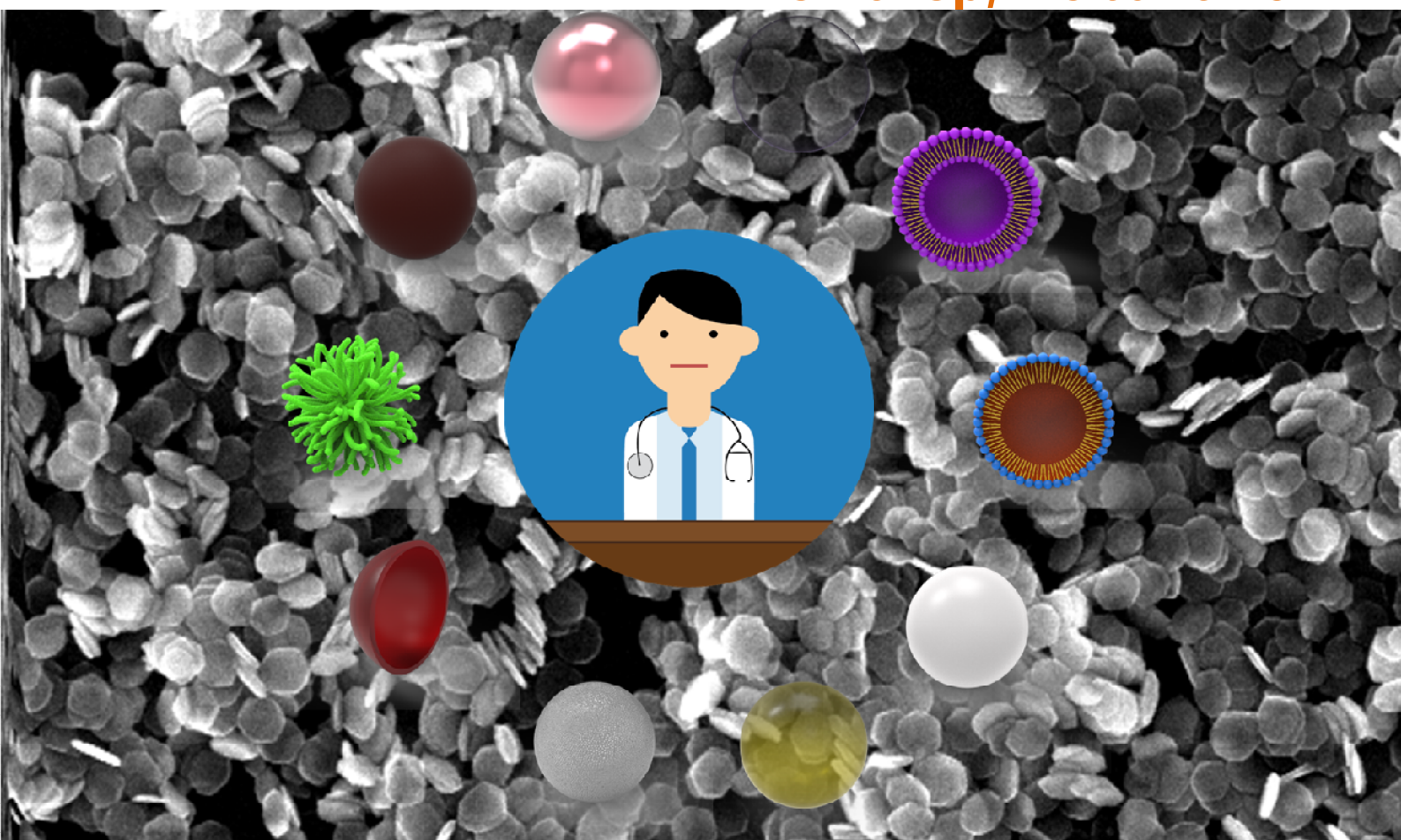


Nanoparticles for biomedical applications

2nd Workshop, 26-June 2017



2nd Workshop on “Nanoparticles for biomedical applications”

Workshop Venue: IMDEA Nanociencia, Cantoblanco, Madrid

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Date: Monday, 26th June 2017

Program

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| 10.15 | L. Gutiérrez (U. Zaragoza) G. Salas (IMDEA Nanociencia) | Welcome/Opening of the workshop |
| Session 1 | | Chair: Mercedes Lecea (IMDEA Nanociencia) |
| 10.20 | Helena Gavilán (ICMM) | Controlling the nucleation and assembly processes in polyol media to obtain nanoparticles with tuned magnetic properties |
| 10.40 | Marina Martínez (UCM) | Mesostructured silica nanomaterials, a promising solution for the treatment of serious diseases as infection and cancer |
| 11.00 | Andrea Tabero (UAM) | Light-sensitive gold nanoclusters for combined chemo- and photo- therapy: a smart and novel design for cancer theragnosis |
| 11.25 | Scott G. Mitchell (ICMA) | Redox active molecular nanomaterials as antimicrobial agents |
| 11.45 | <i>Coffee break</i> | |
| Session 2 | | Chair: Lilianne Beola (Universidad de Zaragoza) |
| 12.20 | María Rivero (UAM) | $Zn_xFe_{3-x}O_4$ nanoparticles electrochemically synthesized for biomedical applications |
| 12.40 | Diego Ruiz (IMDEA) | Ag/Ag ₂ S nanocrystals for high sensitivity near-infrared luminescence nanothermometry |
| 13.00 | Guillermo Rubio (UCM and CICbiomaGUNE) | Gold nanorods-induced nucleation of RepA-WH1 amyloid oligomers |
| 13.20 | Irene Fernández-Barahona (CNIC) | T1 versus T2 performance of extremely small magnetic nanoparticles; role of the organic surface |