



MINISTERIO
DE ECONOMÍA
Y COMPETITIVIDAD



cnic

WORKSHOP ON NANOMATERIALS AND MOLECULAR IMAGING

15 de febrero de 2016

Unidad de Imagen Avanzada

CNIC

Sala de Seminarios 1ª planta

9.00---9.25. Samuel España.

“Basic Principles of SPECT and PET Imaging”

9.25---9.50. Helena Gavilán

“Synthesis of Anisometric Shaped Iron Oxide Magnetic Nanoparticles and Study of the Structural and Magnetic Properties”

9.50---10.15. Irene Fernández-Barahona.

“Parametric modulation of microwave synthesis enables the production of T₁-T₂ spectrum with iron oxide nanoparticles”

10.15---10.35. Maria Eugenia Brollo

“Microwave synthesis of large magnetic nanoparticles in organic media”

10.35---11.00. Fernando Herranz

“Nanomedicine for vulnerable plaque detection”

11.00---11.30 Coffee break

11.30---11.55. Yurena Luengo

“Effect of the counter-ions and the solvent in the synthesis of magnetite nanocrystals by oxidative precipitation”

11.55---12.20. Marco Filice

“BIONANOSURFing: a multidisciplinary approach accessing precise chimeric constructs for biomedical application”

12.20---12.45. Sabino Veintemillas-Verdaguer

“Ferrihydrite dextran as a MRI contrast agent”

12.45---13.10. Juan Pellico.

“Core-doped ⁶⁸Ga-Fe₂O₃ for the in vivo detection of neutrophils”

13.10---13.35. Puerto Morales

“Tuning morphology and magnetism of magnetite nanoparticles by oriented aggregation”