

TD 1402 - Training School: Multifunctional Nanoparticles for Magnetic Hyperthermia and Indirect Radiation Therapy

21st – 24th November 2017

Training school is focused on the synthesis, characterization, magnetic hyperthermia application and In vitro and in vivo evaluation of magnetic nanoparticles. For this target the selected methods are: Transmission Electron Microscopy, Scanning Electron Microscopy, Atomic Force Microscopy, Fourier Transform Infrared spectroscopy, Raman spectroscopy, UV-Vis spectroscopy, Dynamic light spectroscopy, magnetic hyperthermia, BET, MTT assays, animal experimentation, confocal microscopy. The organized topics include general training on methodology, best practice instructions and legislation and practical exercises afterwards.

The school is dedicated to Masters & PhD candidates and Postdocs participants, working in the area of magnetic nanoparticles with a background in Chemistry, Physics or Materials Science.

For your participation please visit: <https://goo.gl/forms/ZHv0iPBJCsCzGQKS2>

Participant number: 18

Participation is free of charge. Partial travel grants for the participants will be available according to TD 1402 Radiomag COST Action rules.

Organizers:

Pr. Eleni K. Efthimiadou, National University of Athens, Department of chemistry, Visiting professor at NCSR Demokritos, Institute of Nanoscience and Nanotechnology

e-mail: e.efthimiadou@inn.demokritos.gr

Dr. Spyros Spyrou, Physicist, Sismanogleio General Hospital.