

C'Nano 2020

The Nanoscience Meeting

TOULOUSE

Centre des congrès Pierre Baudis

December, 8, 9 and 10



Nano for Imaging, diagnosis & therapy

(Last update: June 3rd, 2020)

Description

During the past few years, research on the use of nanomaterials in diverse areas of the biomedical field has boomed... including sensing, labelling, imaging, cell separation, and therapy. The objective of this session is to enlighten innovative and recent results concerning:

- Lipid particles, self-assemblies, polymeric or inorganic particles, nanohybrids, exosomes, lipoplexes, coacervates, nanoemulsions, nanoprecipitation, encapsulation, microfluidics
- Nanoparticles and surface bio-engineering, targeting
- Nanoprobes: magnetic, multiphotonic, plasmonic, photoacoustic
- Nanotherapeutics: radiopharmaceutics and radiosensitization, drug or gene-delivery, photodynamic and photothermal therapy, magnetic hyperthermia, protein therapy
- Sensors, biochips, plasmonics, nanoswimmers

Keywords

nanoprobes & nanocarriers (organic, inorganic, hybrids) for imaging & therapeutics; nanoprecipitation & other processes for biotechnologies; surface/particle functionalization; sensors

Scientific committee

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