

Simona Sennato ORCID:0000-0003-4793-5359

1/12/2014-present: Researcher at CNR, Institute for Complex Systems (ISC)

APPOINTMENTS

- CNR Qualifications as Senior Researcher (2021) in Soft Matter and Biophysics
- National Scientific Qualifications as Associate Professor in Experimental Physics of Matter 02/B1 (2012, 2020), Applied Physics 02/B3 (2012, 2020) and Chemical Physics 03/A2 (2017).
- PhD. in Physics, 15/1/2006, Universita' La Sapienza (Rome, Italy). Thesis "Liposome-polyelectrolyte self-assembly: the formation of an equilibrium cluster phase".

RESEARCH ACTIVITY in Soft matter physics, Biological Physics and Physical chemistry/chemical physics; topics

- Colloids: dispersions, self-assembly, aggregation phenomena
- Macromolecular solutions of polymers and polyelectrolytes
- Biological Interfaces: biocolloids, drug nanocarriers and biomimetic systems

AWARDS: III classified at Research & Innovation Award 2005 promoted by Business Innovation Centre Lazio, project: "Polyelectrosomes (PESo): a new delivery system for controlled multi-drug delivery.

CONFERENCE ORGANIZATION: Co-chair of the XXX International Conference of European Colloids and Interface Society (ECIS) 4-10 Sep 2016

FUNDING

October 2007: Research grant as PI funded by FILAS Lazio "Polyelectrosomes (PESo): a new delivery system for controlled multi-drug delivery " in collaboration with Synth-Active srl. Funding: 70 k€.

December 2012: Project FIRB 2012 Futuro in ricerca RBF12BUMH. Local coordinator "Role of the oxidative stress in the alteration of muscle homeostasis and therapeutic approach by antioxidant delivered by specific liposomes". Funding 250 k€.

May 2017: Research grant (co-PI). Project "Antitubercular drug-loaded multi-liposomes vectors as innovative combinatorial therapy for pulmonary tuberculosis". Funding 60 k€ by Phospholipid Institute (1 year)

May 2017: co-PI of Project "Haloysites Nanotubes (HNTs): chemico-physical characterization of the nanomaterial properties and aggregation phenomena relevant for the understanding of biointeraction and toxicity" funded by INAIL. Funding 185 k€ (2 years).

ORAL PRESENTATIONS: 6 national and 23 international conferences (4 invited talks)

PUBLICATIONS: co-authors of 112 papers and 2 book chapters (SCOPUS 2021 H-index=25 Tot cit: 1793)

Autorizzo l'ISS e l'Associazione NanoInnovation al trattamento dei miei dati personali e la loro conservazione ai fini organizzativi e amministrativi, secondo quanto previsto dal Regolamento UE 2016/679

Roma 26 -7-2021

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