

## Emanuele Papini CV

- Biologist
- Interested in the mechanisms governing the interactions of immunity with microbial pathogenetic factors and, recently, with nanoparticles designed for medical use (nano-drugs and nano-vaccines).
- Graduated in Biological Sciences at the University of Padua (1983) with full marks and Laude.
- Post-graduate fellow at the University of Verona, Institute of General Pathology (Italy)
- PhD degree in Molecular and Cellular Biology and Pathology (1989) in Padua (Italy)
- Researcher of the Department of Biomedical Science (1991).
- Research Fellow at the University College of London, Laboratory of Molecular Cell Biology, London (UK) (1993)
- Associate professor of General Pathology at the University of Bari (Italy) (1998-2001)
- Associate professor of Immunology, Immunological Biotechnology, Nanobiotechnology and Biopharmaceuticals' Development (from 2002) at the University of Padova.
- Coordinator of two National research networks (PRIN)
- Participant to the European projects NANOPHOTO - *Targeted Nanosystems for Improving Photodynamic Therapy and Diagnosis of Cancer*-
- PI in EU project CHETERDEL - *Chemo-hyperthermal Delivery - Combined chemo-hyperthermal control of hepatic tumors, based on microwave-activated subendothelial-targeted nano-assemblies*, within the Seventh Framework Programme.
- Coordinator of the DIRNANO projects- *Directing the immune response through designed nanomaterials – within the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 956544*.
- His research is aimed at: understanding the recognition mechanisms leading to adverse immune reactions to nanoparticles for biomedical applications (antineoplastic and vaccines); identifying the chemical properties rendering the "coat" of nanoparticles "stealth" or "ignored" by the immune system or, if necessary, immune-targeted.
- Author of about 100 peer reviewed publications (H index 40, Scopus), inventor in two Patents.