

---

## CURRICULUM VITAE

### PERSONAL INFORMATION

Name: Francesco Cellesi

Date of birth: 21/06/1974

Contact details:

Dipartimento di Chimica, Materiali ed Ingegneria Chimica "G. Natta"

Politecnico di Milano

via Mancinelli 7, 20131 Milano (Italy)

Email: francesco.cellesi@polimi.it

Francesco Cellesi is associate professor at Politecnico di Milano, Department of Chemistry, Materials and Chemical Engineering. He graduated in Chemical Engineering at the University of Pisa (IT), in 1999. He obtained a PhD in at the Institute of Biomedical Engineering, ETH Zurich (CH) in 2003, and in 2006 he became Lecturer at the School of Pharmacy, University of Manchester (UK). In 2013 he joined the Fondazione CEN - European Centre for Nanomedicine and Fondazione IRCCS Ca' Granda - Ospedale Maggiore Policlinico as Group Leader in Milan. His main research interests focus on the design and processing of nano biomaterials for novel drug delivery systems and diagnostics, as well as cell microencapsulation and tissue engineering. His areas of expertise span from applied physical chemistry, polymer chemistry, colloidal chemistry, to materials science and engineering.

### • EDUCATION

- |         |   |
|---------|---|
| 9/2003  | PhD 'Doctor of Sciences', Institute of Biomedical Engineering, Prof. Jeff Hubbell's group, Swiss Federal Institute of Technology (ETH) Zurich (CH), |
| 10/1999 | Master (Laurea) in Chemical Engineering, University of Pisa (IT)  |

### • CURRENT POSITION

- |       |  |
|-------|--|
| 2014- | Associate Professor, Department of Chemistry, Materials and Chemical engineering "G. Natta", Politecnico di Milano (Italy) |
|-------|--|

### • PREVIOUS POSITIONS

- |                          |   |
|--------------------------|---|
| 1/03/2013-<br>17/12/2014 | Group Leader CEN – European Centre for Nanomedicine, Milan, Italy. & Fondazione IRCCS Ca' Granda - Ospedale Maggiore Policlinico, Milan (Italy). Adjunct Professor at Politecnico di Milano, Italy, Department of Chemistry, Materials and Chemical Engineering "Giulio Natta". |
| 1/09/2006-<br>28/02/2013 | Lecturer in Pharmaceutical Biomaterials in the School of Pharmacy and Pharmaceutical Sciences, University of Manchester, UK.  |

1/04/2006-8/2006      Research Fellow in the School of Pharmacy and Pharmaceutical Sciences, University of Manchester, UK.

4/2005-3/2006      PostDoctoral Research associate in the School of Pharmacy and Pharmaceutical Sciences, University of Manchester, UK.

- **FELLOWSHIPS AND AWARDS**

CEN Foundation 2011 call for Group leaders: research “start-up package” grant, awarded by CEN and cofunded by Policlinico di Milano, research theme “Podocyte-targeted Therapeutic Nanodelivery to Treat Proteinuric Glomerular Diseases”.

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

12/2005-present      Member of the Royal Society of Chemistry (MRSC)  
2009-present          Member of the American Chemical Society (ACS)

- **RESEARCH GRANTS**

- NeOn ID 239047, funded by Regione Lombardia (IT) Budget € 420,000, 2017-2020, Design and synthesis of polymeric nanoparticles for active targeting. (Role: co-investigator)

- Fondazione Cariplo, Bando 2013 “In vitro and in vivo models to evaluate the impact of engineered nanoparticles on kidney function”. (total value of the grant awarded €300,000) (Role: Principal Investigator)

- CEN Foundation 2011 call for Group leaders: research “start-up package” grant, awarded by CEN and cofunded by Policlinico di Milano, research theme “Podocyte-targeted Therapeutic Nanodelivery to Treat Proteinuric Glomerular Diseases”, project started on March 2013 (Role: Principal Investigator)

- EPSRC EP/H027092/1 “Towards a new nanoparticle vaccine technology. Rational design of pathogen-mimicking nanoparticles for controlled immunostimulation”, project started on August 2010. (Role: Principal Investigator)

- **PUBLICATIONS**

A list of published work is available at <http://orcid.org/0000-0001-6106-9317>