**Prof. Francesca Baldelli Bombelli**

**Education**:  
- Ph.D. in Chemical Sciences (3 years), University of Florence, April 2004  
- Degree in Chemistry (5 years), University of Florence, December 2000

**Employments**:

* **Associate Professor** in Chemistry at the Politecnico di Milano (Department of Chemistry, Materials and Chemical Engineering) since December 2014
* ***Lecturer B*** *in Colloid Science and Nanotechnology**at the University of East Anglia (School of Pharmacy) Norwich, UK**- March 2011-December 2014*
* ***Post-Doctoral Fellow*** *at the* Centre for BioNano Interactions (CBNI), University College Dublin, Ireland ***-***February 2009-February 2011 ***(*Advisor:** Prof. Kenneth Dawson)
* ***Post-Doctoral Fellow*** *at* Department of Chemistry and CSGI, University of Florence, Italy -June 2006-February 2009***. (*Advisor:** Prof. Piero Baglioni)
* ***Post-Doctoral Fellow*** at the Department of Chemistry and Bioscience, Chalmers University, Gothenburg, Sweden - May 2005-June 2006***. (*Advisor:** Prof. Bengt Nordén)
* ***Research contract*** at theDepartment of Chemistry and CSGI, University of Florence, Italy-*May 2004- April 2005****.*** (**Advisor**: Prof. Piero Baglioni)

**Other Professional Activities and Awards:**

* since May 2013-present: Team Leader at the Foundation European Centre of Nanomedicine.

**Research Interests:**

Study of biophysical interactions between surface-functionalized nanoparticles and biological membrane/barrier model systems.

Development of multimodal nanomaterials for drug delivery and 19F-MRI imaging.

Study of protein-corona nanoparticle complexes formed in relevant biological environments.

Physical-chemical characterization of self-assembling systems in solution and at air-liquid interface.

**Publications**:

* Papers in peer reviewed journals: 33
* Scientific Communications at International Conferences and Workshops: >80
* Chapters in Books: 2