

## Short CV prof. Barbato

Ph.D in Chemistry, with more than 25 years of experience in Research on Biotechnologies including topics of Magnetic Resonance Spectroscopy and Imaging, Surface Plasmon Resonance, Fluorescence and Optical Spectroscopies, Physics and Engineering of Ultrasounds for Biological applications.

Scientific qualification contest (ASN) as Associate professor (DD222/2012, Bio05).

Author of 64 peer reviewed publications, 2 book chapters.

Statistics from Web-of-Knowledge & Scopus: h-index: 21, citation index 2291; cumulative impact factor: 246,99

Inventor and co-ownership of 3 patents in the field of Engineering of Instrument and methodology for Bio-medical applications of Ultrasounds, Inventor of the instrument SonoWell®.

Inventor of 1 Drug Delivery patent.

Fields of interest: Biochemistry, Biophysics, pre-clinical applications both in vitro (cellular systems, eukariotic and prokariotic), and in-vivo (small animal model systems).

Working experiences: University of Naples, NIDDK-NIH Bethesda (USA), Pharmaceutical Chemistry Merck Research Laboratories – IRBM (IT), European Brain Research Institute R. Levi-Montalcini (EBRI, IT), and Promedica Bioelectronics srl (IT).

Consultant for Patent Firms: “Barzanò e Zanardi”, Roma; Cantaluppi & Partners, Milano.

Collaborations with University of Rome, “La Sapienza” and “Tor Vergata”, Università Cattolica del Sacro Cuore, Roma; Istituto Ortopedico Rizzoli, Bologna.

Professor of Drug Analysis @ Faculty of Pharmacy, Tor Vergata. Vergata

e-mail: gaetano.barbato@uniroma2.it

skype: g.barbato.torvergata