

CURRICULUM VITAE ET STUDIORUM

Personal information:

Surname: Porro

Name: Chiara

Birthdate: 05/08/1974

Birthplace: Andria (Bari), Italy

Address: Via Trani 3N

Office phone: 00390881588023

E-mail: chiara.porro@unifg.it

EDUCATION:

2001: Degree in Biological Sciences, University of Bari (Italy).

2001: Qualifying examination to practise.

2005: PhD in “Applied Morphobiology and Cytometabolism of Drugs”, University of Bari.

2005: Post PhD in the Department Human Anatomy, Faculty of Medicine, University of Bari.

2007-Present: Associate Professor of Human Anatomy, Department of Clinical and Experimental Medicine, Medical Faculty, University of Foggia (Italy).

PAST EMPLOYMENT:

2001-2003: PhD student in the Department of Pharmacology and Human Physiology, Faculty of Medicine, University of Bari (Italy). **Supervisors:** Prof. D. Mitolo-Chieppa and Prof.V.Mitolo.

2003-2004: PhD host in the “Institute d’Hématologie et Immunologie Faculté de Médecine Université Louis Pasteur Strasbourg (France). **Supervisors :** Prof.J. M.Freyssinet and Prof. M.C. Martinez.

2005: Post-doc in the Department of Human Anatomy and Histology at the University of Bari **Supervisors:** Prof.V. Mitolo and Prof. M.A. Panaro.

2006-2007: Post doc host in the University of Angers (France) UMR CNRS 6214-INSERM 771, **Supervisors:** Prof. R. Andriantsitohaina and Prof. M.C. Martinez .

ACADEMIC APPOINTMENTS:

Teaching activity:

2007- 2019: Assistant Professor of Human Anatomy in Medical School, Dentistry, Physical Education, Nursing Science at University of Foggia.

2019-present: Associate Professor of Human Anatomy in Medical School, Dentistry, Physical Education, Nursing Science at University of Foggia

Member of Undergraduate and Master degree committees

- **Member of committees for the admission at the PhD school** in “Applied Morphobiology and Cytometabolism of Drugs” .

Member of committees for PhD degree in “Applied Morphobiology and Cytometabolism of Drugs” , “Sciences and cellular technologies”, “Neuroscience and Education”.

INSTITUTIONAL ACTIVITY:

2017-present: Coordinator of Faculty of Sport of the University of Foggia.

2013-2019: Rector’s delegate for international student mobility.

2019-present: Rector’s delegate for ERASMUS.

2013-2016: Departmental coordinator for Erasmus plus program.

INSTITUTIONAL AFFILIATION:

Department of Clinical and Experimental Medicine, University of Foggia - Medical Faculty - Az. Osp. OO.RR., Via Napoli 20, 71100 Foggia – Italy.

AWARDS:

2003-2004: Erasmus scholarship for a stage at University Louis Pasteur Strasbourg.

2005-2007: Postdoc fellowship at University of Bari

2006: Research Award from Italian Society of Pharmacology (SIF)

2010: Research Award from Foggia University “Premio Montel” .

MEMBERSHIPS:

ONB National Order of Biology.

SIAI Italian Society of Anatomy and Histology.

Editorial Board Member of:

- Journal of Respiratory Research;
- Current update in Stem Cell Research and Therapy

Reviewer of:

- Innate immunity (I.F.: 2,682) ;
- Cellular physiology and biochemistry (I.F.: 5,5) ;
- The international journal of neuroscience (I.F.: 1,852) ;
- Journal of functional food (I.F.: 3,197) ;
- Stem cell International (I.F.: 3,902);
- Journal of thoracic diseases (I.F.: 2,027);
- Journal of neuroinflammation (I.F.: 5,7);
- Molecules (I.F.: 3,060);

- EBIOM (I.F.: 6,680);
- Metabolic Brain Diseases (I.F.: 2,441);
- Neuroscience Bulletin (I.F.: 4,246);
- Neuropathology and Applied Neurobiology (I.F.: 6,878);
- Plos one (I.F.: 2,776);
- Journal of Molecular Medicine (I.F.: 4,746);
- Expert Review of Proteomics(I.F.: 2,963);
- Molecular Therapy (I.F.: 8,402);
- Molecules (I.F.: 3,060);
- Nutrition and Cancer (I.F.: 2,029);
- Cellular Physiology and Biochemistry (I.F.: 5,5);
- Frontiers neuroscience (I.F.: 3,877);
- Cellular and Molecular Neurobiology (I.F. 3,811);
- Cell Death and Disease (I.F. 5,959);
- Cellular and Molecular Neurobiology (I.F. 3,811);
- Molecular Biology Reports (I.F.2,107)
- Current drug target (I.F. 2,64)
-

-Reviewer of the project:

Registration No. 19-01747S

Starting date 2019/01/01 **Duration (years)** 3

Project title Proteomic analysis of extracellular vesicles in Huntington's disease

Main panel P304 - Clinical and preclinical research, experimental medicine

Keywords Huntington's disease;extracellular vesicles;exosomes;proteomics;huntingtin;mass spectrometry; cerebrospinal fluid;plasma;biomarkers;minipig;large animal model

PERSONAL SKILLS AND COMPETENCES:

Language: Good English and basic knowdelege of French.

ADDITIONAL INFORMATION:

- Scientific coordinator of the Project MUSA (University Mobility, Sport and Nutrition).
- Scientific coordinator of the Project MOBIS (Incoming Mobility for Study).

TECHNICAL SKILLS AND COMPETENCES:

Cell culture: adherent cells, cells in suspension; lymphomonocytes isolation; matrigel; cellular death determination (blue trypan exclusion test, MTT test, flow cytometry, TUNEL); migration and proliferation tests; preparation and isolation of *in vitro* microparticles; isolation of microparticles from blood, sputm, bronchoalveolar lavage fluid.

Molecular biology: protein extraction and purification; western blot; extraction, siRNA transfection; gel electrophoresis (SDS-Page, gel agarose, gel acrylamide).

Microscopy: cryocut section and immunohistochemistry labelling; optical, phase contrast, classical fluorescence and confocal microscopy.

In vivo approaches: artery ligation; laser doppler imaging; cuff-tail pressure measurement.

RESEARCH PROJECTS:

Principal Investigator of “**PROGETTO DI RICERCA DI ATENEO (PRA)**” 2018:
Extracellular vesicles: a new marker in Parkinson’s Disease. Decreto Rettorale n 442-2019
(prot.n 15459-III del 12-04-2019). Votazione 45/45.

-Unit member in project PON01_00851 “Bioinnovazioni per produzioni lattiero-casearie ad elevato contenuto salutistico”.

- Unit member in project PON01_01962 “Tecnologie per la Valorizzazione e l'estensione di Shelf Life di Trasformati Ittici ad elevata valenza salutistica”, acronimo ITTICO.

- Unit member in project PON02_00657_00186_3417037 “Sviluppo di prodotti alimentari innovativi mediante soluzioni biotecnologiche, impiantistiche e tecnologiche”
(PRO.INNO.B.I.T.).

- Unit member in project “ **PROGETTO DI RICERCA DI ATENEO (PRA)**”of Foggia University 2016: Microparticles in non invasive airway samples: putative biomarkers of COPD phenotypes?

RESEARCH ACTIVITIES:

I have addressed my research in the following topics:

- Effects of microparticles harbouring Sonic Hedgehog on angiogenesis in vitro and in in vivo study;
- Isolation and characterization of microparticles from blood and sputum of cystic fibrosis and chronic obstructive pulmonary diseases patients and evaluation of microparticles effects in mice lung;
- Study of extracellular vesicles in neurodegenerative diseases (Alzheimer e Parkinson);
- Study of resveratrol, curcumin, Folic Acid and Vitamin D and their anti-inflammatory action in modulatory response of microglia;

List of Publications on:

- Orchid ID: 0000-0002-7526-6968
- Scopus Author ID: “Porro, Chiara” 14625613200
- Profile and Publication link: Web of Science ResearcherID[®] G-7849-2018
- :<https://publons.com/in/reviewer/?referral=324930>).
-

I Authorize to use my personal data according to the privacy law L. 675/96.

Chiara Porro

