Marco CORAZZARI

Curriculum vitae

Personal Data

Born in Vasto (IT) on 21/02/1973
Living in Novara

Curriculum Vitae Et Studiorum

1992	Diploma in Industrial technical maturity (industrial chemistry), ITIS "E. Mattei" Vasto (CH), IT
1998	Degree in Biology (5 yrs course), Università degli Studi de L'Aquila, IT
2003	PhD in Pharmacology and Biochemistry of Cell Death, Università degli Studi della Calabria, IT
2002-2016	Postdoc, I.N.M.I.-I.R.C.C.S. 'L. Spallanzani', Rome, IT

University Career

2012-2016	Researcher (RTD a), Dept of Biology, University of 'Roma Tor Vergata', Rome, IT
Since 2016	Assistant Professor (RTD b) in Applied Biology, Dept of Health Sciences, Università del Piemonte Orientale, IT

University Positions

Since 2017	Member of the departmental research committee

Teaching

Since 2018	Biology, Medicine, University of Piemonte Orientale, AL - IT
Since 2017	Laboratory of Recombinant Technologies (BSc in Biotechnology), University of Piemonte Orientale, NO - IT
2016 - 2017	Cell Biology (BS in Biotechnology), University of Piemonte Orientale, NO - IT Genetics (BS in Biotechnology), University of Piemonte Orientale, NO - IT
2012 - 2016	Genetics, (Pharmacy), University of Rome Tor Vergata, RM - IT

Scientific Positions

Since 2018	Member of the Italian Association of Cellular and Developmental Biology (ABCD)

Since 2017 Member of the Italian Association of Biology and Genetics (AIBG)

Since 2003 Member of the European Cell Death Organization (ECDO)

Main Fields of Interest

1. ER Stress and Autofagia
2. Apoptosis & Ferroptosis
3. Autoimmune Diseases

Current Funded Projects

Funding Program	**Title of Project**
2017 Bando DISS – Fondi di Ateneo:	'Pediatric obesity and cardiovascular dysfunction: searching for early markers of damage'

Current Research Focus

Molecular characterization and dissection of cellular stress processes such as Endoplasmic Reticulum Stress (ER stress) and Autophagy, and their active crosstalk.
Characterization of the new form of programmed cell death 'Ferroptosis' in physio-pathological conditions.

Top Five Papers

1. Giglio P, Gagliardi M, Tumino N, Antunes F, Smaili S, Cotella D, Santoro S, Bernardini R, Mattei M, Piacentini M, **Corazzari M**. PKR and GCN2 stress kinases promote an ER stress-independent eIF2 phosphorylation responsible for Calreticulin exposure in melanoma cells. OncoImmunol 2018, doi: 10.1080/2162402X.2018.1466765
2. V Pagliarini, P Giglio, P Bernardoni, D De Zio, GM Fimia, M Piacentini, **M Corazzari**. Down-regulation of E2F1 during ER stress is required to induce apoptosis. J Cell Sci. 2015 128:1166-79
3. **M Corazzari**, F Rapino, F Ciccosanti, M Antonioli, B Conti, GM Fimia, PE Lovat, M Piacentini. Oncogenic BRAF induces chronic ER stress condition resulting in increased basal autophagy and apoptotic resistance of cutaneous melanoma. Cell Death Differ. 2014, doi:10.1038/cdd.2014.18
4. **M Corazzari**, GM Fimia, M Piacentini. Dismantling the autophagic arsenal when it is time to die: Concerted AMBRA1 degradation by caspases and calpains. Autophagy. 2012 8:1255-7
5. GM Fimia, A Stoycova, A Romagnoli, L Giunta, S Di Bartolomeo, R Nardacci, **M Corazzari**, C Fuoco, A Ucar, P Schwartz, P Gruss, M Piacentini, K Chowdhury, F Cecconi. Ambra-1 regulates autophagy and development of the nervous system. Nature. 2007, 447:1121-5

Awards

2017 National Scientific Habilitation to Associate Professor in Applied Biology (05/F1)

2014 National Scientific Habilitation to Associate Professor in Cytology and Comparative Anatomy (05/B2)