

SIMONE SABBIONEDA

Personal Data

Date of Birth: 14th October 1977

Place of Birth: Bollate, Milan, Italy

Citizenship: Italian

Marital Status: Married

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Qualifications

PhD: 2004, University of Milan, Italy (in Genetics and Molecular Sciences)

BSc: 2001, University of Milan (in Biological Sciences)

Employment and Affiliations

Researcher : 2011-current, Istituto di Genetica Molecolare, CNR, Pavia

Postdoctoral Fellow: 2005-2011, Genome Damage and Stability Centre, University of Sussex

2005, Dept. of Biomolecular Sciences and Biotechnology, University of Milan

Grants Awarded

2013-2017: AIRC Start up Grant 12710- Effects on genome stability of polymerase eta regulation by the Ubiquitin and SUMO pathways.

2012-2016 European Commission - Marie Curie Actions Career Integration Grant 303806
"Regulation of pol η by phosphorylation, ubiquitination and SUMOylation (TLSCHECK)"

Participation in Research Projects

2013-2016 Epigen Project

2008-2011 Medical Research Council – Program Grant "Replication of DNA Damage, and the role of the SMC5-6 protein complex in the response to DNA damage"

2005-2008 European Commission - Research Training Network "DNA REPAIR AND HUMAN HEALTH"

2005-2008 European Science Foundation – EuroDYNA "Dynamic Nuclear Architecture and Chromatin Function"

Teaching

2017-2023 National Scientific Qualification for Assistant Professor (Level II) for sectors 05/E2 (Molecular Biology) and 05/I1 (Genetics)

2012-current Proponent of the PhD course in Genetica, Biologia Molecolare e Cellulare, University of Pavia

2011-current Guest Lecturer, Biologia Cellulare della cellula, Università degli Studi di Pavia

2010-2011 Guest Lecturer, Master in Imaging in Biomedical Research, University of Sussex, UK

2004 Teaching Assistant, Advanced Molecular Biology, University of Milan, Italy

2002 Teaching Assistant, Molecular Biology Lab II, University of Milan, Italy

Services for Research

2012-current Manager of Imaging and Sorting facilities of IGM-CNR

Referee for international scientific journals

DNA Repair, PLOSOne, Molecular and Cellular Biology, Oncogene, EMBO Journal, Journal of Cell Science, Nature Communications.

Techniques

Basic molecular biology techniques (DNA, RNA, Proteins), Yeast Genetics, Cytofluorometry (BD FACS Scan, BD FACSCanto, BDFACSAria), Affimetrix GeneChip Microarray (sample preparation and data analysis), Protein expression and purification, Insect and mammalian cell cultures ,Baculovirus Expression System, Amersham Pharmacia FPLC, Akta FPLC, SMART systems, Basic Fluorescence Microscopy, Advanced Confocal Microscopy : FRAP, FLIP , FRET (Acceptor Photobleaching) on Zeiss LSM510, Deconvolution Microscopy (Deltavision Core, Softworks), DNA combing, Chromatin Immunoprecipitation, Basic Biochemistry assays.