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Curriculum Vitae

Alessandro Mattè

Research experiences:

- Mar 2017 – Present. **Technician position**, Dept. of Medicine, lab. of “Red Cell Pathologies and Erythropoiesis”, University of Verona.
- Aug 2016 – Mar 2017. **Post Doc position**, Dept. of Medicine, lab. of “Red Cell Pathologies and Erythropoiesis”, University of Verona. Coordinator: Lucia De Franceschi.
- Feb 2014 – July 2016. **Research Collaborator**, Italian Telethon Foundation, research project entitled: “Analysis of Lyn core signaling machinery in Neuroacanthocytosis” n. GGP13005, coordinator: Prof. Lucia De Franceschi.
- 2010 – Jan 2014. **Post Doc position**, Dept. of Medicine, lab. of “Red Cell Pathologies and Erythropoiesis”, University of Verona. Coordinator: Lucia De Franceschi. Project entitled: “Functional analysis of Peroxiredoxin-2 in mouse models of anemia”. Full time research.
- 2009 – 2010. **Telethon research fellowship GGP07007** Project entitled: “Analysis of functional and post-translational modification in red blood cells of Chorea Acanthocytosis patients.” PI: Prof. Lucia De Franceschi.
- 2008. **Visiting research fellow at Purdue University, IN, USA**, Dept. of Chemistry, c/o Prof. Phillip S. Low laboratory (2 months of full time research)
- 2006 – 2008. **Ph.D. student** in the Ph.D. program of Clinical Proteomics, University of Verona. Thesis on: “Integrated Proteomic Analysis of Normal and Diseased Red Cells. Role of Physiological Stresses in Erythrocyte Signaling Pathways”. Mentor: Prof. Lucia De Franceschi.
- 2006. **Visiting graduate student at Purdue University, IN, USA**. Dept. of Chemistry; c/o Prof. Phillip S. Low’s laboratory. (1 month full time research)

- 2005. **Research fellowship** at University of Verona on the Research project entitled: “Characterization of the Phosphoproteome in Pathological Red Blood Cells”. PI: Prof. Lucia De Franceschi.
- 2004 – 2005 **Master’s thesis Research** at University of Verona on “Set up of a method to identify S-Nitrosylated proteins in Arabidopsis thaliana during the Plant-Pathogen interaction.” Mentor: Prof. Massimo Delledonne.

Education:

- 2009 Ph.D. in Clinical Proteomics, Dept. of Medicine, University of Verona.
- 2005 Master degree in Agro-Industrial Biotechnology, University of Verona.

Teaching experiences:

- 2019, 2018, 2014 Meet the expert seminars. **School of Biomolecular Medicine**, University of Verona.
- 2019, 2014, 2011 Co-mentor for 3 students of the Bachelor Degree in Biotechnology, University of Verona.
- 2020, 2014 Co-mentor for 2 students of the Master Degree in Biotechnology, Brescia.
- 2015 – Present Co-supervision of PhD Students. **School of Biomolecular Medicine**, University of Verona.

Awards and Honors

- 2017, 2015, 2014, 2009 Travel awards to the annual ASH meetings – American Society of Hematology (ASH), USA
- 2014, 2013, 2012 Positive evaluation of three grant proposals to the Italian grant for young investigators (FIRB and SIR)
- 2008 Cooperint fellow award – University of Verona, Italy

Reviewer activity:

Reviewer for the following journals: Frontiers in Physiology, Biomedicines, International Journal of Molecular Sciences, Molecular Biology Reports, Hemato, Frontiers in

Immunology, Annals of Hematology, Journal of Clinical Medicine, Methods and Protocols, European Journal of Pharmacology, Complementary Therapies in Medicine, Experimental Hematology, International Journal of Molecular Sciences, Biomedicines, International Journal of Environmental Research and Public Health, Bioorganic Chemistry, Medicina, Prostaglandins, Leukotrienes and Essential Fatty Acids, Pharmacological reports, Mediterranean Journal of Hematology and Infectious disease.

Scientific production:

Co-author of 37 research articles and 7 reviews published in peer reviewed journals. First author of 12 articles (in the last 3 years: JCI paper 2021, Antioxidants paper 2021, JCI Insight 2019, equal contribution in Haematologica paper 2019, American Journal of Hematology paper 2019). He presented his work under abstract form (n=29) in national (3) and international (26) meetings, 7 oral presentations.

h-index: 19 Sum of the Times Cited: 1463 citations (Scopus)

Con la presente esprimo il mio consenso al trattamento dei dati qui riportati, ai sensi del d. lgs. 196/2003.

Verona, 15th March 2022

A handwritten signature in blue ink, appearing to read 'Alessandro Ratti', is written over a faint, circular official stamp.