

## **Giovanna Grimaldi – Curriculum Vitae**

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Nationality: Italian  
Date/place of Birth: February 3<sup>th</sup>, 1982; Venosa  
(PZ), Italy

### **Education.**

February 2012: Open University PhD. Project: Identification and roles of intracellular substrates of mono-ADP-ribosylation. Supervisor: Dr Daniela Corda.

July 2006: Masters in Medical Biotechnology, University of Florence, Italy Thesis: Role of the tyrosine kinase FAK in the repulsive response mediated by ephrinA1. (110/110, with honours).

Sept 2004: Degree in Biotechnology, University of Florence, Italy Thesis: Interaction between the Eph receptor and the low molecular weight tyrosine phosphatase LMW-PTP. Effects on the repulsive response. (110/110, with honours)

### **Research experience.**

June 2014-present: researcher position at the CNR-IBP (Napoli);

2012-May 2014: post-doc position at the CNR-IBP (Napoli);

2009-2011: fellowship from the Italian Federation for Cancer Research (FIRC, Milan, Italy);

Oct 2007- Dec 2008: doctoral Fellowship, DCBO, CMNS

April 2007- Sept 2007: pre-Doctoral Fellowship, DCBO, CMNS

Sept 2006- March 2007: co-co-co contract at the University of Florence, Department of clinical Physiology, under the revision of Prof.ssa Chiarugi Paola.

### **Technical background**

Cell culture, transfection, microinjection, immunostaining. Quantification of intracellular ROS. Techniques for nucleic acid manipulation, including cloning and PCR amplification (PCR, RT-PCT, real time RT-PCR). Purification of proteins expressed in bacteria and insect cells. Electrophoresis, including mono-dimensional, bi-dimensional, native and gradient PAGE, and Western blotting. Routine and confocal microscopy.

## Awards

January 2009: 3-year Fellowship from the Italian Federation for Cancer Research (FIRC).

## Publications

- **Grimaldi G\***, Corda D, Catara G. From toxins to mammalian enzymes: the diversity of mono-ADP-ribosylation. *Front Biosci (Landmark Ed)*. 2015 Jan 1; 20:389-404. \* Corresponding author.
- Colanzi A\*, **Grimaldi G\***, Catara G, Valente C, Cericola C, Liberali P, Ronci M, Lalioti VS, Bruno A, Beccari A, Urbani A, De Flora A, Nardini M, Bolognesi M, Luini A, Corda D. Molecular mechanism and functional role of brefeldin-A-mediated ADP-ribosylation of CtBP1/BARS. Under revision to PNAS. \* These authors contributed equally.
- Giannoni E, Buricchi F, **Grimaldi G**, Parri M, Cialdai F, Raugei G, Ramponi G, Chiarugi P. Redox regulation of anoikis: reactive oxygen species as essential mediators of cell survival. *Cell Death Differ*. 2008, **15**, 867-78.
- Buricchi F, Giannoni E, **Grimaldi G**, Parri M, Raugei G, Ramponi G, Chiarugi P. Redox regulation of ephrin/integrin cross-talk. *Cell Adhes. Migrat*. 2007, **1**, 33-42.- Parri M, Buricchi F, Giannoni E, **Grimaldi G**, Mello T, Raugei G, Ramponi G, Chiarugi P. EphrinA1 activates a Src/Fak-mediated motility response leading to disruption of cell-cell adhesion and to activation of actinomyosin contractility. *J. Biol. Chem*. 2007, **282**, 19619-28.

## Meetings

- **6-9 Sept 2013:** PARP 2013 congress. Quebec (Canada). Poster presentation.
- **22-23 Sept 2011:** XXIV meeting on "ADP-Ribosylation Reactions". Torre del Greco (Italy). **Oral presentation.**
- **4-9 Sept 2011:** Meeting on "NAD Metabolism and Signalling". Lucca (Italy). **Oral presentation.**
- **23-24 Sept 2010:** "XXIII Meeting on ADP-Ribosylation". Rome (Italy). **Oral presentation.**
- **18-21 Aug 2010:** PARP 2010. 18<sup>th</sup> International Conference on ADP-ribose metabolism. Zurich (Switzerland). Poster presentation.
- **23 June- 1 July 2010:** "10<sup>th</sup> Young Scientist Forum" and "35<sup>th</sup> FEBS Congress on Molecules of

Life". Gothenburg (Sweden). Poster presentation. **Young Travel Grant.**

- **7-17 Sept 2009:** Summer School 2009 on "Proteins and their Networks – from specific to global analysis". Spetsai (Greece). **Oral presentation. Young Travel Grant.**
- **4-9 July 2009:** 34<sup>th</sup> FEBS Congress on Life's Molecular Interaction. Prague (Czech Republic). Poster presentation. **FEBS fellow.**
- **20-21 March 2009:** ABCD meeting on Signal Transduction". Pontignano (Italy). **Oral presentation.**
- **24-25 November 2008:** "XXI Meeting on ADP-ribosylation". Lanciano (Italy). **Oral presentation.**
- **Sept 2008:** "NAD 2008 Congress". Hamburg-Blankenese (Germany).
- **November 2007:** XX meeting on ADP-ribosylation. University of Florence (Italy).
- **June 2007:** FEBS Advanced Course on "Lipid signalling pathways: from cell biology to novel drug targets". Ortona (Italy).
- **May 2007:** "1st MRC LMCB&CBU University College London and DCBO Consorzio Mario Negri, PhD Student Conference". Guardiagrele (Italy).

### **Meeting organization**

11<sup>th</sup> Young Scientist Forum. Torino 23-25 giugno 2011.

### **Affiliation to scientific societies**

Società Italiana di Biochimica (SIB)