CURRICULUM VITAE

Virginia Barone

Name: Virginia Barone
Nationality: Italian
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Educational Background

1990 Degree in Biological Science, University of Genova: 110/110 e lode.
Experimental thesis title: "Identification of a cellular model for the study of the Cystic Fibrosis molecular defect"

1996 Ph.D. in Human Genetics, . Thesis title: "Identification and characterization of genes involved in Hirschsprung disease"

1998 Specialization in Genetics. Thesis title: "Generation and functional analysis of knockout mice carrying a targeted disruption of ryanodine receptor type 1 and type 3 genes"

Professional Experience

From 2008: researcher at the Department of Molecular Medicine and Development, University of Siena

2005 – 2007: research associate at the Laboratory of Tissue Engeneering, Istituto Dermopatico dell'Immaccolata, Roma (director prof. L. Korkina)

2003 – 2005: research associate at DIBIT, molecular and cellular neurophysiology Unit, San Raffaele Scientific Institute, Milano (director prof. G. Casari)

1996 – 2002: post-doctoral training at DIBIT, Growth factors and intracellular signaling Unit, San Raffaele Scientific Institute, Milano (director prof. V. Sorrentino)

1991 - 1995: Ph.D. training at the Institute G. Gaslini, Molecular Genetics laboratory, Genova. Subject of the Ph.D. training: identification and characterization of genes involved in Hirschsprung disease (director prof. G. Romeo)

1990 - 1991: research activity at the same laboratory

1988 - 1990: pre-graduate studentship at the Institute G. Gaslini, Molecular Genetics laboratory, Genova (director prof. G. Romeo)

Publications:

Ozturk Yagmur, Barone Virginia, Barone Lavinia (2018). Examining the impact of maternal individual features on children's behavioral problems in adoptive families: The role of maternal temperament and neurobiological markers. **International Journal Of Environmental Research And Public Health**, vol. 15, p. 1-8, ISSN: 1661-7827, doi: 10.3390/ijerph15020196, 2018

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V. Barone, D. Randazzo, V. Del Re, V. Sorrentino, D. Rossi. Organization of junctional sarcoplasmic reticulum proteins in skeletal muscle fibers. **J Muscle Res Cell Motil** DOI 10.1007/s10974-015-9421-5, 2015

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D. Rossi, B. Vezzani, L. Galli, C. Paolini, L. Toniolo, E. Pierantozzi, S. Spinozzi, V. Barone, E. Pegoraro, L. Bello, G. Cenacchi, G. Vattemi, G. Tomelleri, G. Ricci, G. Siciliano, F. Protasi, C. Reggiani, V. Sorrentino. A Mutation in the *CASQ1* Gene Causes a Vacuolar Myopathy with Accumulation of Sarcoplasmic Reticulum Protein Aggregates. **Hum Mut** 35:1163-1170, 2014

L. Leo, L. Gherardini, V. Barone, M. De Fusco, D. Pietrobon, T. Pizzorusso, G. Casari. Increased Susceptibility to Cortical Spreading Depression in the Mouse Model of Familial Hemiplegic Migraine Type 2. **PLoS Genet** 7(6): e1002129.

I. D'Addario, C Abbruzzese, M. Lo Iacono, M. Teson, O. Golisano*, V. Barone*. Overexpression of YAP1 induces immortalization of normal human keratinocytes by blocking clonal evolution. **Histochem Cell Biol** 134:265-276, 2010
* These authors contributed equally to this work

D. Rossi, V. Barone, E. Giacomello, V. Cusimano, V. Sorrentino. The sarcoplasmic reticulum: an organized patchwork of specialized domains. **Traffic** 9:1044-9, 2008

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