

Curriculum vitae



Name: Valerio
Surname: Orlando
Born: January 2, 1960 in Rome Italy
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Present Position(s):

-Senior Telethon Scientist
Head of the Epigenetics and Genome Reprogramming Lab
Dulbecco Telethon Institute (DTI)
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-Senior Visiting Scientist, RIKEN OMICS Center, Yokohama Japan

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RIKEN Yokohama Institute
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama,
Kanagawa 230-0045 Japan

Past positions

1997-2001 Group leader, Dibi San Raffaele Hospital, Chromatin and Epigenetics lab, Milan, Italy

2001-2008 Associate Telethon Scientist Epigenetics and Genome Reprogramming Lab
Dulbecco Telethon Institute (DTI) c/o IGB ABT CNR, Naples Italy

Education

Degree in Biology (PhD equivalent) obtained at Università "La Sapienza", Rome, Italy 14/7/1989

1985-1989 Thesis work at Centro Acidi Nucleici CNR/Dept. Of Genetics and Molecular Biology
Università La Sapienza, Rome Italy

Supervisor: Dr. Gioacchino Micheli.

- 1989-1990 Postdoc Microbiology at Biology Department II University Tor Vergata Rome, Italy
Supervision: Prof. Luciano Paolozzi
- 1991-1998 Postdoc in Molecular Biology at Zentrum fuer Molekulare Biologie (ZMBH),
University of Heidelberg, Germany
Supervision: Prof. Renato Paro
Project: Identification of in vivo binding sites and mechanisms of action of Polycomb
proteins in *Drosophila*.

Honors:

- Awarded "Cavaliere della Repubblica" by the President of the Italian Republic (2007).
- Current President of the Italian Society of Biophysics and Molecular Biology (SIBBM, www.sibbm.org) (2007-)
- Elected member of the European Molecular Biology Organisation (EMBO) (2007)

Selected publications

- 1) Orlando, V. (2000). Mapping chromosomal proteins in vivo by formaldehyde crosslinked chromatin immunoprecipitation. ***Trends Biochem. Scie.*** 25, 99-104
- 2) Lupo, R., Breiling, A., Bianchi, M. and Orlando, V. (2001). Chromosome condensation motor proteins Topoisomerase II and Barren colocalize with Polycomb in the BX-C and affect gene silencing. ***Molecular Cell*** 7, 127-136
- 3) Breiling, A., Turner, B., Bianchi, M. and Orlando, V. (2001). General transcription factors bind promoters repressed by Polycomb group proteins. ***Nature*** 412, 651-5.
- 4) Orlando, V. (2003). Polycomb, Epigenomes and control of cell identity. ***Cell*** 112, 599-606
- 5) Lanzuolo C., Roure, V., Dekker, J., Bantignies F and Orlando V. Polycomb Response Elements mediate the formation of chromosome higher order structures in the Bithorax Complex. ***Nature Cell Biology*** Oct;9(10):1167-74.
- 6) Cernilogar F, Onorati MC, Kothe G, Saxena A, Burrough A, Breiling A, Parsi M, Siomi H, Siomi, M, Carninci, P, Gilmour D, Corona D and Orlando V. (2011). Chromatin associated RNAi components affect transcriptional regulation in *Drosophila*. ***Nature*** Nov 6. doi: 10.1038/nature10492