

Anita Capalbo



Born in Avellino (Italy) on 06/09/1981

Tel.: +39 081 5833221

Fax: +39 081 7641355

e-mail: anita.capalbo@szn.it

Current Position: Post Doc.

Supervisor: Chiara Lauritano

Appointed on project: ADVISE

Affiliation:

Section: Ecosustainable Marine Biotechnology, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University of Naples “Federico II “, Naples, Italy	Master (Laurea)	2001-2009	Biological sciences
Second University of Naples-SUN, Naples, Italy	Ph.D.	2009-2012	Genetics and Medicine
Institute of Protein Biochemistry (IBP) National Research Council, via Pietro Castellino 111,80131 Napoli (Italia).	Postdoc	2012-2018	“Integrated technology platform to develop new drugs to treat rare diseases”
Stazione Zoologica Anton Dohrn, Napoli (Italy) Section: Ecosustainable Marine Biotechnology	Postdoc	2022	ANTITUMOR DRUGS AND VACCINES FROM THE SEA

Appointments and awards

2016: Winner of Young Scientist Program Vancouver 14th - 21th july 2016

Other matters relevant to scientific career

Signaling circuits regulate procollagen exit from the endoplasmic reticulum: implication for the therapy of collagenopathies. Capalbo A
Vancouver 14th - 21th July 2016. (Invited speaker)

Signaling circuits regulate procollagen exit from the endoplasmic reticulum: implication for the therapy of collagenopathies. Capalbo A
Gordon Research Conference 2015 Colby-Sawyer College, New London, NH (Invited speaker)

Publications

- “Autoregulatory circuit regulating basolateral cargo export from the TGN: role of the orphan receptor GPRC5A in PKD signaling and cell polarity” Di Martino R, **Capalbo A**, Sticco L, Varavallo A, Kunnathully V, De Luca V, Iyengar MR, Lo Monte M, Petra Henklein, Cancino J and Luini A. bioRxiv preprint doi: <https://doi.org/10.1101/2020.05.26.114710>. this version posted May 27, 2020.
- “Endoplasmic Reticulum homeostasis: a Sec24-Gα12-AKAP-Lbc signaling complex senses folded cargo and activates transport” **Capalbo A***, Subramanian A*, Iyengar NR, Rizzo R, Di Campli A, Lo Monte M, Yerudkar A, Del Vecchio C, Glielmo L, Turacchio G, Pirozzi M, Kim SG, Petra Henklein, Cancino J, Parashuraman S, Diviani D, Fanelli F, Sallese M and Luini A. *These authors contributed equally Cell 2019 Mar 7;176(6):1461-1476.e23. doi: 10.1016/j.cell.2019.01.035.
- “Regulation of the Secretory Pathway” **Capalbo A**, Cancino J, Luini A. Section 2. Organizational Celi Biology | Cpt.36-Interorganellar Communication | Constitutive secretion Encyclopedia of Cell Biology (CELB-20036)
- “Control systems of membrane transport at the interface between the endoplasmic reticulum and the Golgi.” Cancino J, **Capalbo A**, Di Campli A, Giannotta M, Rizzo R, Jung JE, Di Martino R, Persico M, Heinklein P, Sallese M, Luini A. Dev Cell. 2014 Aug 11 ;30(3):280-94. doi: 10.1016/j.devcel.2014.06.018.
- “Golgi-dependent signaling: self-coordination of membrane trafficking.” Cancino J, **Capalbo A**, Luini A. Methods Cell Biol. 2013;118:359-82. doi: 10.1016/B978-0-12-417164-0.00022-7.
- “Long-term amelioration of feline Mucopolysaccharidosis VI after AAV-mediated liver gene transfer.” Cotugno G, Annunziata P, Tessitore A, O'Malley T, **Capalbo A**, Faella A, Bartolomeo R, O'Donnell P, Wang P, Russo F, Sleeper MM, Knox VW, Fernandez S, Levanduski L, Hopwood J, De Leonibus E, Haskins M, Auricchio A. Mol Ther. 2011 Mar;19(3):461-9. doi: 10.1038/mt.2010.257. Epub 2010 Nov 30.
- “Noninvasive repetitive imaging of somatostatin receptor 2 gene transfer with positron emission tomography.” Cotugno G, Aurilio M, Annunziata P, **Capalbo A**, Faella A, Rinaldi V, Strisciuglio C, Di Tommaso M, Aloj L, Auricchio A. Hum Gene Ther. 2011 Feb;22(2):189-96. doi: 10.1089/hum.2010.098. Epub 2011 Jan 11.
- “Different serum enzyme levels are required to rescue the various systemic features of the mucopolysaccharidoses.” Cotugno G*, Tessitore A*, **Capalbo A**, Annunziata P, Strisciuglio C, Faella A, Aurilio M, Di Tommaso M, Russo F, Mancini A, De Leonibus E, Aloj L, Auricchio A. *These authors contributed equally Hum Gene Ther. 2010 May;21(5):555-69. doi: 10.1089/hum.2009.18