Curriculum Vitae

<Filip Vasilev>

Born in Skopje (Macedonia) on 08/07/1983

Tel.: +39 081 5833407
Fax: +39 081 7641355
e-mail: filip.vasilev@szn.it

Current Position: <Post Doc.>

Supervisor: <Luigia Santella>
Appointed on project: <StarTrEgg>

Affiliation:
Section <BEOM>, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Department of Genetics, Kazan Federal University, Kazan (Russia)	Master (Laurea)	2003-2008	Genetics
Kazan Institute of Biochemistry and Biophysics, Russian Academy of Sciences, Kazan (Russia)	Diploma thesis	2005-2008	Plant genetics
Institute of Molecular Biology, Academia Sinica, Taipei (Taiwan)	Research assistant	2008-2009	Microbial genetics
Department of Cellular and Developmental Biology, Stazione Zoologica Anton Dohrn, Napoli (Italy) and The Open University (UK)	PhD	2009-2012	New roles for actin-binding proteins and PIP_2 in intracellular calcium homeostasis
Stazione Zoologica Anton Dohrn, Napoli (Italy)	Postdoc	2013-2014	Molecular mechanisms controlling fertilization in

			Astropecten aranciacus starfish eggs
Stazione Zoologica Anton Dohrn, Napoli (Italy)	Postdoc	2015-2016	The role of cytoplasmic organelles in the fertilization of echinoderm eggs

Other matters relevant to scientific career

Conference attendance:

-17th International Conference on Calcium Binding Proteins and Calcium Function in Health and Disease in Beijing, China (2011).
Short oral presentation: Modulation of Ca^{2+} signaling by the actin cytoskeleton in starfish oocytes.

-18th International Conference on Calcium Binding Proteins and Calcium Function in Health and Disease in Kiruna, Sweden (2013).
Short oral presentation: Disruption of white vesicles with GPN suppresses the cortical Ca^{2+} flash and impairs cleavage in the fertilized eggs of starfish.

Publications

Chun JT, Limatola N, Vasilev F, Santella L. (2014). Early events of fertilization in sea urchin eggs are sensitive to actin-binding organic molecules. Biochem. Biophys. Res. Commun., 450:1166-74.

Chun JT, Vasilev F, Santella L. (2013). Antibody against the actin-binding protein depactin attenuates Ca^{2+} signaling in starfish eggs. Biochem. Biophys. Res. Commun., 441(2):301-7.

Santella L, Vasilev F, Chun JT. (2012). Fertilization in echinoderms. Biochem. Biophys. Res. Commun., 425(3):588-94.

Vasilev F, Chun JT, Gragnaniello G, Garante E, Santella L. (2012). Effects of ionomycin on egg activation and early development in starfish. PLoS One. 7(6):e39231.

Chun JT, Puppo A, Vasilev F, Gragnaniello G, Garante E, Santella L. (2010). The biphasic increase of PIP_2 in the fertilized eggs of starfish: new roles in actin polymerization and Ca^{2+} signaling. PLoS One. 5(11):e14100.