

The Statement of Purpose

In response to the announcement of the formation of a new Scientific Council at the Stazione Zoologica Anton Dohrn (SZN), I would like to take this opportunity to present my candidacy for the Internal Member of the Scientific Council. As indicated in the accompanying CV, I have worked in our institute more than 35 years and have attained the title of research director since 2004.

During the course of my scientific career at the SZN, I have had a broad research experience spanning cell signaling, physiology, developmental biology, bio-imaging, and most recently ecotoxicology. As a faculty member providing the advanced courses in collaborative cell biology and biochemistry for the international university students in Brazil and Uruguay (since 2002), I have actively taken part in the organization and management of the program sponsored by EMBO-IICCBB School of Science. In addition, I have worked as a member of the editorial board for a number of international scientific journals including *Physiological Reviews*, *BBRC*, *Zygote*, *Zoological Letters* (Japan).

I fully understand the role and responsibility of the internal member of the SZN Scientific Council, and I would like to make my contributions by representing our colleagues on their behalf. In consideration of my past scientific experience as a steering committee member of various tasks mentioned above, I hope that my candidacy for the position would be viewed in a positive light.

Napoli, October 28, 2019

Dr. Luigia Santella



Research Director

Department of Research Infrastructures
for Marine Biological Resources (RIMAR)

Stazione Zoologica Anton Dohrn

Naples, Italy