

Thurs 1 Jun 2017 | 3pm | DBS Conference Room 1

Hosted by Dr Neo Meilin

Systematics, Biology and Biotechnology of Ceriantharia (Peacock anemones)



By Sérgio Stampar

Assistant Professor, Sao Paulo State University, Brazil

Ceriantharia is probably one of the oldest groups within Cnidaria. These beautiful animals are found in different regions of the world, from intertidal areas to abyssal zones. The taxonomy of the group is quite outdated and new data, mainly from molecular markers, indicate that most interpretations made in the past are no longer valid. Many aspects of Ceriantharian biology are completely unknown and new data has completely changed the paradigms of the group. Aspects of biotechnology of Ceriantharia is one of the main current interests, mainly related to genomic data, biopolymers and toxins. This talk will address all of the above topics with the most current approaches and perspectives for the future.



About the Speaker

Since 2002, Dr Sérgio Stampar has been studying Cnidarians in several aspects. Dr Stampar obtained his Masters in 2006 and the doctorate in 2012 both in Zoology (University of São Paulo). He worked in the Ocean Biogeographic Information System (2006-2008) and held a postdoctoral in Zoology (2012 - 2013) at the University of São Paulo. Since 2013, Dr Stampar is an assistant professor at Sao Paulo State University (UNESP) with research on evolutionary processes, ecology, taxonomy and biogeography of Cnidaria.