



Denis Allemand



Denis Allemand is a biologist, specialized in the physiology of marine organisms, more particularly reef-building corals. He has obtained his PhD in 1986 from the University of Montpellier II (France) in Pharmacological Sciences. He is a Professor of University and Scientific Director of the Centre Scientifique de Monaco. His main field of research is the comparative physiology of marine organisms (cnidarians, sea urchins). He is the co-author of 140-refereed papers and numerous book chapters. He has supervised 12 PhD students.

His is a specialist on Coral Physiology with a particular emphasis on both biomineralization and symbiosis. He is interested in the mechanism of formation of coral skeleton and especially on the physiology of skeletogenesis and effects of environmental changes such as ocean acidification. He is also interested in the mutual adaptation of both partners (animal host and zooxanthellae) of the coral symbiotic association to the symbiotic state, and more particularly to the physiological, molecular and genomic relationship between zooxanthellae and their host.

He is member of the Scientific and Technical Committee of the Foundation Prince Albert II, member of the Scientific Committee of the Oceanographic Institute, member of the Scientific Committee of the École Pratique des Hautes Études, member of the Scientific Committee of IFREMER, member of the Administration Council of the Observatoire Oceanologique de Villefranche/Mer, member of the European Academy of Arts, Sciences and Humanities. For a complete biography and list of publication see: www.centrescientifique.mc

