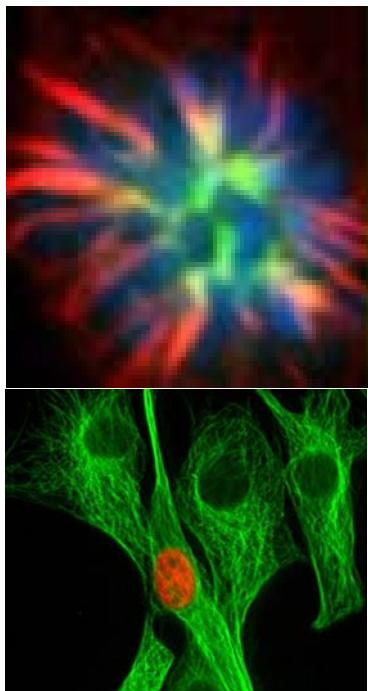


Niovi Santama

Associate Professor,
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Personal Profile

Niovi earned her degree in Biology from the University of Athens in 1987. She then went to University of Sussex, UK and read towards a M.Sc in Genetic Manipulation and Molecular Biology. She followed this with a PhD in Neuroscience from the same University in 1992. After working for 1 year in this same place, she went to the European Molecular Biology Laboratory in Heidelberg as an EMBO Fellow. She continued there as a Marie Curie HCM Fellow and then joined the University of Cyprus as a lecturer in the department of Natural Sciences. Since 1997 she has been affiliated to CING, The Cyprus Institute of Neurology and Genetics, Nicosia, Cyprus.



Research Profile

We are interested in the molecular motors – very small moving parts – which allow for the transport of structures along “railtrack-like” paths in cells. These include a large number of molecules called kinesins. If we see them in action, we will actually see them “walking” along the cell skeleton. They consist of two heads and move around through a mechanism we call hand-over-hand clambering. While they move they drag along their load as well..



Other interests

Novi likes relaxing both with her colleagues and her growing family and adores being a mum.



Relevant Links or info

Further information about the Molecular Biology and Biochemistry lab which Novi heads, visit <http://www.mbblab.net/>

