

GREECE

# Panayiota Poirazi

**Mathematics and biomedical engineering**

Panayiota Poirazi is a Research Director and head of the Dendrites Lab at the Institute of Molecular Biology and Biotechnology (IMBB) of the Foundation for Research and Technology-Hellas (FORTH), in Crete, Greece.

She has a Bachelor in Mathematics from the University of Cyprus, and an M.Sc. and a Ph.D. in Biomedical Engineering from the University of Southern California in Los Angeles. She is interested in understanding how dendrites contribute to complex brain functions and uses computational modelling approaches, often in conjunction with experiments, to answer this question. Her work has significantly advanced our understanding of how single neurons compute, by revealing the power of dendrites in solving difficult problems.

She has received numerous awards for her academic achievements, including an Einstein Foundation fellowship, the Alexander von Humboldt Wilhelm Bessel Research Award, an ERC Starting Grant and an EMBO YIP award, among others. She is a member of EMBO and was the first Chair of the FENS-Kavli Network of Excellence (FKNE).



MEDNIGHT

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