

The function of serotonin has long been regarded as an enigma due to the great diversity of phenomena in which it has been implicated, ranging from disorders including depression, schizophrenia, pain, and anxiety to hallucinations, rhythmogenesis, temporal discounting, social dominance, metabolism, behavioral inhibition and reversal learning. Yet serotonin is produced by a relatively small set of neurons – the raphe nuclei – and broadcast widely up and down the neuraxis, suggesting a unified aspect to its function.

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Hotel Vila Galé Ericeira, Sintra, Portugal



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Theoretical and Experimental Perspectives on Serotonin Function

Speakers include:

Francesc Perez Artigas, Institut d'Investigacions Biomediques de Barcelona

Tad Blair, University of California at Los Angeles

Roshan Cools, University of Cambridge

Nathaniel Daw, New York University

Peter Dayan, University College London

Bill Deakin, The University of Manchester

Kenji Doya, Okinawa Institute of Science and Technology

Paul Fletcher, University of Cambridge

Mihály Hajós, Pfizer Global Research and Development

Adam Halberstadt, University of California at San Diego

Clay Lacefield, Columbia University

Robert Huber, Bowling Green State University

Quentin Huys, Columbia University

Bernat Kocsis, Harvard University

Christopher Lowry, University of Bristol

Steven Maier, University of Colorado

Zach Mainen, Cold Spring Harbor Laboratory and IGC/CNP

Katsuhiko Miyazaki, Okinawa Institute of Science and Technology

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