

Raúl Guantes has a B.Sc. and a Ph.D. in Chemistry (1992, 1997) from the *Universidad Autónoma de Madrid*. He is currently Associate Professor at the Department of Condensed Matter Physics at *Universidad Autónoma de Madrid*, which he joined in 2007 after a five year tenure-track position as a ‘Ramón y Cajal’ research fellow at the Institute for Mathematics and Fundamental Physics of the Spanish Research Council(CSIC) in Madrid.

After his PhD he was awarded a *EU Marie Curie TMR* post-doctoral fellowship in the *Foundation for Research and Technology* (FORTH) in Heraklion, Greece, and a Comunidad de Madrid post-doctoral contract in the Institute for Mathematics and Fundamental Physics. He has also carried out research internships at the University of West Virginia (USA), University of Crete (Greece), Eötvös Loránd University (Budapest), Universidade Estadual de Campinas (Brasil) and the Weizmann Institute of Science (Israel).

He is author of 35 articles in international scientific journals (24 as first/corresponding author) in diverse fields, such as chaos in classical and quantum mechanics, surface physics, stochastic processes, neuroscience and systems biology. In these last areas he has published articles as first author in high impact journals such as *Nature Neuroscience* and *PLoS Computational Biology*. His current research activity focuses on the dynamics and information processing properties of genetic regulatory networks (also resulting in one doctoral dissertation), as well as in the origins and phenotypic consequences of non-genetic variability in cells.

He has participated in 14 Research Projects (2 as IP) financed with public funds from the CICYT, European Union and BBVA Foundation. He is head of the Biodynamics and Computational Biology Group and co-IP of the Biophysics and Systems Biology Lab at the ‘Nicolás Cabrera’ Materials Science Institute at UAM. He has been appointed as vice-director of this research institute during the period 2007-2010, and in 2006 organized the XIII International Summer School ‘Nicolás Cabrera’ on ‘Biophysics of biological circuits: from molecules to networks’, funded by BBVA. He currently coordinates the Postgraduate Official Program in Biophysics (Master and PhD) at UAM.