

ANNA NIARAKI

I am a Maître de Conférences at University of Evry, Paris-Saclay, Department of Biology, affiliated at GenHotel EA-3886 since September 2015.

Research areas

My current research interests focus on computational systems biology approaches aiming at integrating different biological data in forms of networks, and subsequent structural and dynamical studies in order to elucidate pathogenetic mechanisms in complex human disease.

Background

I hold a bachelor in Chemistry, Master in Applied Biochemistry and Biotechnology, and a PhD in Biochemistry and Cellular and Molecular Biology, from the University of Patras, Greece, with research focusing on connective tissue diseases (Rheumatoid Arthritis, Osteoarthritis, and Loose Arthroplasty Endoprostheses).

I have also a two years training in Pharmaceutical Technology and Drug Design for Alzheimer's' disease and my post-doctoral studies were in the fields of Computational Systems Biology for Allergy (Ecole Normale Supérieure, Paris) and Bioinformatics and Computational Systems Biology Analyses for Cancer (Institut Gustave Roussy, Villejuif).

Teaching

I teach Cellular Biology, Informatics, Bioinformatics, Biological Networks Construction and Analysis, Dynamical modelling at undergraduate and master level (MSSB, Geniomhe, Telecom SudParis).

Responsibilities and other activities

I am a member of the Disease Maps consortium, responsible for the Map of Rheumatoid Arthritis and a member of CoLoMoTo (Consortium for Logical Modelling Tools).