

## **Biography (Sketch CV)**

Baldo did his degree in Chemistry in 1987 and the doctorate in 1992 in the speciality of Biotechnology in the Autonomous University of Barcelona (UAB) under the supervision of Prof. E Querol and Prof. FX Avilés. The main core of his doctorate was done under the supervision of Prof. O Tapia in the Department of Physical Chemistry, in Uppsala (Sweden). Lately he's been working in the Molecular Modeling Lab of the Imperial Cancer Research Fund, supervised by Dr. MJE Sternberg. Between 1992 and 2001 he worked in the Institute of Fundamental Biology. Currently he is full professor of Structural Biology in the Pompeu Fabra University.

Dr. Baldo Oliva heads the Structural Bioinformatics Group. The group has worked in two lines of research: one on protein structure characterization, protein structure/function prediction and protein docking; and another in the integration and prediction of protein-protein and protein-DNA interactions. We have developed several databases for loop structure classifications, standalone software frameworks and servers (<http://sbi.imim.es>). Dr. Oliva has published more than 100 referenced articles in journals such as Proteins, Protein Science, Bioinformatics, Nucleic Acid Research, Journal of Molecular Biology, Molecular Systems Biology, Genes and Development, PNAS, Molecular Cell and Science, among others. He has tutored 15 PhD theses since 1996. He's been involved in four EU funded projects (Infobiomed NoE, AneurIST, eTOX IMI, TransQST IMI and SHIPREC) as member of the GRIB and managed projects from private foundations (Fundación Ramon Areces), public institutions (Spanish Ministry of Sciences, the Catalan Government and Barcelona Supercomputing Center) and R&D projects from Spanish Ministry of Industry (in collaboration with Infociencia,SL. and Anaxomics, S.L.).