



Simposio Internacional: : La biología de las redes proteicas: el interactoma y sus implicaciones patológicas

International Symposium: Biology of protein networks: Implications for human disease

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IGOR STAGLJAR

Donnelly Centre. University of Toronto. Canadá

Igor Stagljär is a Professor in the Departments of Biochemistry and Molecular Genetics at the Donnelly Centre in the University of Toronto, Canada. He received his Ph.D. in Molecular Biology from ETH Zurich in Switzerland. His postdoctoral fellowship was at the University of Zurich, where he studied RNA transcription and DNA repair. In addition, Igor was a visiting scientist at the University of Washington in Seattle with Stan Fields, the inventor of the yeast two-hybrid technology. Igor was Assistant Professor at the University of Zurich from 2002-2005, Associate Professor at the University of Toronto since 2005, and Professor since 2010. Amongst his most significant scientific achievements to date are the elucidation of functions of various membrane proteins involved in human health and disease. He is currently involved in major proteomics projects to map how integral membrane proteins interact to produce either healthy or diseased cells. To that end, his lab is using high-throughput interactive proteomics, genetic, and biochemical tools to understand how cell signaling and membrane transport pathways control cell behavior in normal and disease cells.

Igor is the recipient of several national and international science awards. He is a member of the Editorial Board of *BioTechniques*, *Molecular Genetics and Genomics*, *BMC Biotechnology*, *Journal of Molecular Biology*, *Biochemical and Biophysical Research Communications*, and *Molecular Systems Biology*. Lastly, he is a co-founder of Dualsystems Biotech Inc., one of the world-leading companies in the field of interactive proteomics, and is currently actively working on co-founding a new biotech start-up company named "*Protein Network Sciences*".

<http://local.biochemistry.utoronto.ca/stagljär/>