

BIOGRAPHICAL SKETCH

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NAME Stagljär, Igor		POSITION TITLE	
NATIONALITY Croatia & Canada		Professor	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Zagreb, Croatia	BSc.	1985-89	Molecular Biology
ETH Zurich, Switzerland	MSc.	1989-90	Molecular Biology
ETH Zurich, Switzerland	PhD.	1990-94	Molecular Biology
University of Zurich, Switzerland	Post-Doc	1995-99	Molecular Biology

A. Personal Statement.

Dr. Igor Stagljär is a Professor in the Departments of Biochemistry and Molecular Genetics at the Donnelly Centre in the University of Toronto, Canada. He is an expert on the development of methods to investigate protein-protein interactions. In particular, he is internationally known for the development of the split-ubiquitin Membrane Yeast Two-Hybrid (MYTH) technology, a powerful tool for the identification of the interactors of membrane proteins and one of the key interactive proteomics technologies. This has led to many groundbreaking discoveries and the elucidation of functions of various membrane proteins involved in human health and disease. Prof. Stagljär is the author of more than 60 scientific papers and delivered more than 50 invited conferences. In addition, Prof. Stagljär is a co-founder, Vice President and board member of Dualsystems Biotech, one of the world-leading companies in the field of interactive proteomics.

B. Positions and Honors.**Positions**

1995-1999	Post Doctoral Fellow, Department of Molecular Biology, University of Zurich, Switzerland
1999-2002	Junior Group Leader, Institute of Veterinary Biochemistry and Molecular Biology, University of Zurich, Switzerland
2001	Visiting Scientist, Genome Sciences and Medicine, University of Washington, Washington, USA
2002-2005	Assistant Professor, Departments of Biochemistry and Molecular Biology, University of Zurich, Switzerland
2005-2009	Associate Professor, Departments of Biochemistry and Molecular Genetics, University of Toronto, Canada
2010 -	Professor, Departments of Biochemistry and Molecular Genetics, University of Toronto, Canada

Editorial Boards

2004 -	Editor of the Faculty of 1000 (Section Genetics and Genomics),
2005 -	Editorial Board Member, BioTechniques
2006 -	Editorial Board Member, Molecular Genetics and Genomics
2009 -	Editorial Board Member, BMC Biotechnology
2009 -	Editorial Board Member, Molecular BioSystems
2011 -	Editorial Board Member, Genome Research

Journal Reviewing

Principal Investigator/Program Director (Last, First, Middle):

Regular: *Biotechniques, EMBO Journal, Proteomics, Nature Biotechnology, Nucleic Acids Research, Genome Research, Nature Methods, Nature Chemical Biology, Nature Reviews Drug Discovery, Molecular Genetics and Genomics, Molecular Systems Biology, Molecular and Cellular Proteomics, Journal of Proteome Research, PLoS Genetics, PLoS Pathogen*

Occasional: *Genes and Development, Nature Genetics, Proceedings of National Academy of Science, Trends in Genetics, Neurobiology, Trends in Biochemical Sciences, Current Opinion in Molecular Biology, Proteins, ACS Chemical Biology, FASEB Journal, Expert Opinion On Therapeutic Targets, Trends in Biochemical Sciences, Drug Discovery Today, Molecular and Cellular Biology, FEBS Journal*

Grant Reviewing

Swiss National Foundation (2003-present)
Wellcome Trust Funds (UK) (2004-present)
German National Genome Research Network (NGFN) (2006-present)
Croatian Ministry of Science (2006-present)
European Community (2007-present)
German Scientific Society (DFG) (2007-present)
National Cancer Institute of Canada (2007-present)
Humboldt Foundation Germany (2008-present)
Danish Ministry of Science (2008-present)
National Science Foundation USA (2008-present)
Flanders National Foundation Belgium (2009-present)
Medical Research Council UK (2009-present)
Chilean National Commission for Scientific and Technological Research (2010-present)

Other Selected Accomplishments and Honors

2000 - Co-founder, Vice President and board member of the biotech company Dualsystems Biotech Inc., Zurich, Switzerland
2000 The winner of the "Paper of the year 1999" Award given by the Publisher of Biological Chemistry, Walter de Gruyter & Co, Berlin being selected jointly by the Executive Editors of the Journal, together with the Board of the German Society of Molecular Biology (GBM)
2001 NETS Award (New Entrepreneurs in Technology and Science), Gebert Rűf Foundation, Switzerland
2001-2005 Coordinating Manager of the Proteomics center at the University of Zurich
2002 Stiefel-Zangger Foundation Award (2002), Zurich, Switzerland
2003 EMDO Foundation Young Principal Investigator Award Zurich, Switzerland
2005 Dean's Fund Award, University of Toronto, Canada
2006 Leaders Opportunity Award, Canadian Funds for Innovation (CFI), Canada
2011 - Co-founder and the board member of BioZyne Inc., Zagreb, Croatia

Awards for non-academic accomplishments

Silver medal (2nd place) at the World Junior (U-19) Handball Championship with the Yugoslavian Junior National Handball Team, Gothenburg, Sweden (1987)

Gold medal (1st place) at the Balkan Championship (U-19) with the Yugoslavian Junior National Handball Team, Sofia, Bulgaria (1987)

C. Peer-reviewed publications (since 2003).

1. Thaminy, S., Auerbach, D., Arnoldo, A., and Stagljär, I. (2003) Identification of novel ErbB3-interacting proteins using the split-ubiquitin membrane yeast two-hybrid technology, *Genome Res* **13**, 1744-1753.
 2. Pedrazzi, G., Bachrati, C., Selak, N., Studer, I., Hickson, I.D., Jiricny, J., and Stagljär, I. (2003) The Bloom's syndrome helicase directly interacts with the human mismatch protein MSH6, *Biol Chem*, **384**, 1155-1164.
 3. Scheper, W., Thaminy, S., Kais, S., Stagljär, I., and Römisch, K. (2003) Coordination of N-glycosylation and protein translocation across the ER membrane in yeast by Sss1 protein, *J Biol Chem* **278**, 37998-38003.
 4. Auerbach, D., Fetchko, M.J., and Stagljär, I. (2003) Proteomics approaches for generation of comprehensive protein interaction maps, *Targets Drug Discovery Today* **2**, 85-92. (Review)
 5. Fetchko, M.J., Auerbach, D., and Stagljär, I. (2003) Yeast genetic methods for the detection of membrane protein interactions: potential use in drug discovery, *BioDrugs* **17**, 413-424. (Review)
 6. Jiao, R., Bachrati, C., Pedrazzi, G., Kuster, P., Petkovic, M., Li, J-L., Egli, D., Hickson, I.D., and Stagljär, I. (2004) Physical and functional interaction between the Bloom's syndrome gene product and CAF-1 hp150, the largest subunit of chromatin assembly factor 1, *Mol Cell Biol* **24**, 4710-4719.
 7. Yang, Q., Zhang, R., Wang, X.W., Linke, S.L., Sengupta, S., Hickson, I.D., Pedrazzi, G., Perrera, C., Stagljär, I., Littman, S.J., Modrich, P., and Harris, C.C. (2004) The mismatch repair heterodimer, hMSH2/6, regulates BLM helicase activity in homologous DNA recombination, *Oncogene* **23**, 3749-3756.
 8. Fetchko, M. and Stagljär, I. (2004) Application of the split-ubiquitin membrane yeast two-hybrid system to investigate membrane protein interactions, *Methods* **32**, 349-362 (Review)
 9. Petkovic, M., Dietschy, T., Freire, R., Jiao, R., and Stagljär, I. (2005) The Rothmund-Thomson's syndrome gene product, RECQL4, localizes to defined nuclear foci and co-localizes with proteins involved in the maintenance of genome stability, *J Cell Sci* **118**, 4261-4269.
 10. Jovanovic, S., Du, Q., Crawford, R.M., Budas, G.R., Stagljär, I., Jovanovic, A. (2005) GAPDH serves as an accessory protein of the cardiac sarcolemmal KATP channel. *EMBO Rep* **6**, 848-852.
 11. Miller, J., Lo, R., Desmarais, C., Stagljär, I., Noble, W., and Fields, S. (2005) An interaction network of yeast integral membrane proteins, *Proc Natl Acad Sci USA* **102**, 12123-12128.
 12. Iyer, K., Bürkle, L., Auerbach, D., Thaminy, S., Dinkel, M., Engels, K., and Stagljär, I. (2005) Utilizing the yeast split ubiquitin membrane yeast two-hybrid system (MbYTH) to identify interacting proteins of membrane proteins, *Science STKE* **275**, pl3.
 13. Auerbach, D., Arnoldo, A., Bogdan, B., and Stagljär, I. (2005) Yeast-based Proteomics Technologies for Drug Discovery, *Curr Proteomics* **2**, 1-13 (Review)
 14. Suter, B., Auerbach, D., and Stagljär, I. (2006) Yeast-based functional genomics and proteomics technologies: the first 15 years and beyond, *BioTechniques* **40**, 625-644 (review).
 15. Uetz, P. & Stagljär, I. (2006) The interactome of human EGF/ErbB receptors. *Molecular Systems Biology*, doi:10.1038/msb4100048 (review).
 16. Suter, B., Fetchko, M.J., Imhof, R., Graham, C., Stoffel-Studer, I., Zbinden, C., Raghavan, M., Benetti, L., Hort, J., Fillingham, J., Greenblatt, J.F., Guri N. Giaever, G.N., Nislow, C., and Stagljär, I. (2007) Examining protein-protein interactions using endogenously tagged yeast arrays: the Cross-and-Capture system, *Genome Res* **17**, 1774-1782.
 17. Saydam, N., Garcia, P., Dietschy, T., Shevelev, I., Stagljär, I., and Janscak, P. (2007) DNA damage-specific association of the Werner syndrome helicase with the mismatch-repair proteins, *Nucl Acids Res* **35**, 5706-5716.
 18. Song Y., He, F., Xie, G., Guo, X., Xu, Y., Chen, Y., Liang, X., Stagljär, I., Egli, D., and Jiao, R. (2007) Diverse roles of *dCAF-1-p180*, the gene that encodes the largest subunit of dCAF-1, in *Drosophila* development, *Dev Biol* **311**, 213-222.
 19. Jiao, R., Harrigan, J.A., Selak, N., Dietschy, T., Shevelev, I., Piotrowski, J., Indig, F.D., Bohr, V.A., and Stagljär, I. (2007) The Werner syndrome protein is required for recruitment of chromatin assembly factor 1 following DNA damage, *Oncogene* **6**, 3811-3822.
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20. Möckli, N., Deplazes, A., Hassa, P.O., Zhang, Z., Peter, M., Hottiger, M.O., Stagljar, I., and Auerbach, D. (2007) A yeast split-ubiquitin based cytosolic screening system (cytoY2H) to detect interactions between transcriptionally active proteins, *BioTechniques* **42**, 725-729.
 21. Paumi, C.M., Menendez, J., Arnoldo, A., Engels, K., Iyer, K., Thaminy, S., Georgiev, O., Barral, Y., Michaelis, S., and Stagljar, I. (2007) Mapping Protein-Protein Interactions for the Yeast ABC Transporter Ycf1p by Integrated Split-Ubiquitin Membrane Yeast Two-Hybrid (iMYTH) Analysis, *Mol Cell* **26**, 15-25.
 22. Dietschy, T., Shevelev, I., and Stagljar, I. (2007) The molecular role of the Rothmund-Thomson, RAPADILINO and Gerhard-Bällér gene product, RECQL4: a recent progress. *Cell Mol Life Sci* **64**, 796-802. (Review).
 23. Suter, B., Graham, C.I., and Stagljar, I. (2008) Exploring protein phosphorylation in response to DNA damage using differentially tagged yeast arrays, *BioTechniques* **45**, 581-584.
 24. Suter, B., Kittanakom, S., and Stagljar, I. (2008) Two-hybrid technologies in proteomics research, *Curr Opin Biotechnol* **9**, 316-323 (review).
 25. Paumi, C.M., Chuk, M., Chevelev, I., Stagljar, I.,* and Michaelis, M.* (2008) Negative Regulation of the Yeast ABC Transporter Ycf1p by Phosphorylation within its N-Terminal Extension, *J Biol Chem* **283**, 27079-27088 (* co-corresponding authors).
 26. Selak, N., Bachrati, C.Z., Shevelev, I., Dietschy, T., Jacob, A., Hübscher, U., Hoheisel, J.D., Hickson, I.D., and Stagljar, I. (2008) The Bloom's syndrome helicase (BLM) interacts physically and functionally with p12, the smallest subunit of human DNA polymerase δ , *Nucleic Acids Res* **36**, 5166-5179.
 27. Gisler, S.M., Kittanakom, S., Fuster, D., Radanovic, T., Wong, V., Bertic, M., Hall, R.A., Engels, K., Murer, H., Biber, J., Markovic, D., Moe, O.W., and Stagljar, I. (2008) Monitoring protein-protein interactions between the mammalian integral membrane transporters and PDZ-interacting partners using a modified split-ubiquitin membrane yeast two-hybrid system, *Mol Cell Proteomics* **7**, 1362-1377.
 28. Suter, B., Kittanakom, S., and Stagljar, I. (2008) Interactive Proteomics: what lies ahead?, *BioTechniques* **44**, 681-691 (review).
 29. Arnoldo, A., Curak, J., Kittanakom, S., Chevelev, I., Lee, V.T., Sahebol-Amri, M., Kosciak, B., Ljuma, L., Roy, P.J., Bedalov, A., Giaever, G., Nislow, C., A. Merrill, R., Lory, S., and Stagljar, I. (2008) Isolating small molecule inhibitors of *Pseudomonas aeruginosa* ExoS toxin using a yeast phenotypic screen, *PLoS Genet* **4**, e1000005.
 30. Lissanu Deribe, Y., Schmidt, M., Chandrashaker, A., Curak, J., Milutinovic, N., Buerke, L., Fetchko, M.J., Schmidt, P., Kittanakom, S., Brown, K., Jurisica, I., Blagoev, B., Zerial, M., Stagljar, I.*, and Dikic, I. *(2009) Regulation of EGF receptor endocytosis by histone deacetylase HDAC6, *Sci Signal* **2**, ra84 (* co-corresponding authors).
 31. Paumi, C., Chuk, M., Snider, J., Stagljar, I.*, and Michaelis, S.* (2009) Yeast ABC transporters and their Interactors: New Technology Advances Yeast MRP (ABCC) Biology, Microbiology and Molecular Biology Reviews, in press (* co-corresponding authors, review).
 32. McGee, M.D., Stagljar, I., and Starr, D.A. (2009) KDP-1 is a nuclear envelope KASH protein required for cell cycle progression, *J Cell Sci* **122**, 2895-2905.
 33. Dietschy, T., Shevelev, I., Mak, R., Fahad Miah, M., Hess, D., Fey, M., Janscak, P., Hottiger, M., and Stagljar, I. (2009) p300-mediated acetylation of the Rothmund-Thomson-syndrome gene product RECQL4 regulates its subcellular localization, *J Cell Sci* **122**, 1258-1267.
 34. Kittanakom, S., Chuk, M., Wong, V., Snider, J., Edmonds, D., Lydakakis, A., Zhang, Z., Auerbach, D., and Stagljar, I. (2009) Analysis of Membrane Protein Complexes Using the Split-Ubiquitin Membrane Yeast Two-Hybrid (MYTH) System, *Methods Mol Biol* **548**, 247-271.
 35. Meira, M., Masson, R., Stagljar, I., Lienhard, S., Maurer, F., Boulay, A., and Hynes, N.E. (2009) Memo is a novel cofilin interacting protein that influences PLCgamma and cofilin activities, and is essential for maintaining directionality during ErbB2-induced tumor cell migration, *J Cell Sci* **122**, 787-797,
 36. Curak, J., Rohde, J.R., and Stagljar, I. (2009) Using the baker's yeast *Saccharomyces cerevisiae* to study bacterial effector proteins, *Curr Opin Microbiol* **12**, 18-23 (review).
 37. Snider J., Kittanakom S., Curak J., and Stagljar I. (2010) Split-ubiquitin based membrane yeast two-hybrid (MYTH) system: a powerful tool for identifying protein-protein interactions. *J. Vis. Exp.* (36). pii: 1698. doi: 10.3791/1698.
 38. Snider J., Kittanakom S., Damjanovic D., Curak J., Wong V., and Stagljar I. (2010) Detecting interactions with membrane proteins using a membrane two-hybrid assay in yeast. *Nat Protoc.* **5**:1281-1293.
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39. Jin, J., Kittanakom, S., Wong, V., Reyes, B.A., Van Bockstaele, E.J., Stagljjar, I., Berrettini, W., Levenson, R. (2010) Interaction of the mu-opioid receptor with GPR177 (Wntless) inhibits Wnt secretion: potential implications for opioid dependence, *BMC Neurosci.* 11, 33-48.
40. Petschnigg J., Snider J., and Stagljjar I. (2011) Interactive proteomics research technologies: recent applications and advances. *Curr. Opin. Biotechnol.* 22, 50-58. (Review).
41. Petschnigg J., Moe O., and Stagljjar I. (2011) Using yeast as a model to study membrane proteins, *Curr Opin Nephrol Hypertens*, in press (Review).
42. Gfeller, D., Butty, F., Wierzbicka, M., Verschueren, E., Vanhee, E., Huang, H., Ernst, A., Dar, N., Stagljjar, I., Serrano, L., Sidhu, S.S., Bader, G.D., and Kim, P.M. (2011) The multiple specificity landscape of modular protein domains, *Mol Systems Biol*, in press.
43. Lee, M.E., Singh, K., Snider, J., Shenoy, A., Paumi, C.A., Stagljjar, I., and Park, H-O. (2011) The Rho1 GTPase in budding yeast is involved in cellular response to oxidative stress, *Genetics*, in press.
44. Babu, M., Vlasblom, J., Pu, S., Guo, X., Graham, C., Hnatshak, O., Phanse, S., Bajaj, N., Fong, V., Chandran, S., Punna, T., Bean, B.D.M., Davey, M., Snider, J., Wong, V., Christopolous, C., Zhong, G., Li, J., Vizeacoumar, F., Stagljjar, I., Conibear, E.* , Wodak, S.J.* , Emili, A.* , and Greenblatt, J.F.* (2011) Interaction Landscape of Membrane Protein Complexes in *Saccharomyces cerevisiae*, submitted to *Nature* (* co-corresponding authors).

D. Invited Presentations (Oral) at Meetings and Symposia (since 2004.)

1. Proteomics and Bioinformatics Workshop, Bridgetown, Barbados, January 2004
 2. XXIIInd International Conference on Yeast Genetics and Molecular Biology, Seattle, July 2004
 3. Keystone Symposia Genome Instability and Repair, Taos, USA, March 2005
 4. Keystone Symposia "Proteomics and Systems Biology", Keystone Colorado, USA, April 2005
 5. EMBO Conference "Helicases and NTP driven nucleic acid machines", Arolla, Switzerland, July 2005
 6. Mayo Clinic College of Medicine Conference "Advances in Genome Methods: Genomics, Transcriptomics and Proteomics", Dubrovnik, Croatia, September, 2005
 7. Cold Spring Harbor / Wellcome Trust Conference "Interactome networks", Wellcome Trust Genome Campus, Hinxton, UK, September 2005
 8. International Conference "Molecular Perspectives on Protein-Protein Interactions", Eilat, Israel, November 2005
 9. 5th Annual ORFeome Meeting "ORFeomes and Systems 2005", Boston, USA, December 2005
 10. 49th Annual Meeting and Conference of the Canadian Society of Biochemistry, Molecular and Cellular Biology on "Membrane Proteins in Health and Disease", Niagara on the Lake, Canada, June 2006
 11. International Conference on "Systems Biology of yeast - from models to applications", Hanasaari, Finland, June 2006
 12. International Conference on "Neurodegenerative Diseases: Molecular Mechanisms in a Functional Genomics Framework", Berlin, September 6-9, 2006
 13. International Workshop "Functional Genomics and Proteomics in Molecular Medicine", Split, Croatia, June 2-9, 2007 (ISt served as a co-organizer of this workshop)
 14. International Conference "Beyond the Genome-Proteomics-Dynamics of Change", San Francisco, CA, USA, June 21-22, 2007
 15. International Conference organized by the Canadian Society for Life Science Research, Montreal, Canada, July 11-13, 2007 (keynote lecture)
 16. Cold Spring Harbor Laboratory/Wellcome Trust conference "Interactome Networks-Mapping macromolecular interactions in the cell", Hinxton, UK, Aug 29-Sept 1, 2007.
 17. International Conference on Systems Biology "The Barbadoes Meeting", Holetown, Barbados, Jan 18-24, 2008.
 18. International Symposium "Proteomics & drug discovery", Maui, Hawaii, May 15-19, 2008
 19. International Symposium "Molecular and Clinical Mechanisms in Bloom's Syndrome and Related Disorders", Chicago IL, USA, May 27-30, 2008
 20. International Conference "Molecular aspects of protein-protein interactions", Dubrovnik, Croatia, June 27-30, 2008
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Principal Investigator/Program Director (Last, First, Middle):

21. International Conference “Yeast Genetics and Molecular Biology”, Toronto ON, Canada, July 23-28 2008 (ISt served as one of the co-organizers and chaired the Workshop entitled “Chemical Genetics and Genomics”)
22. International Conference “Systems Biology”, Gothenburg, Sweden, Aug 22-28, 2008 (ISt served as a chairman of the session entitled “Biological systems”)
23. International Symposium “50th Anniversary of Molecular Biology”, Zagreb, Croatia, Nov 20-21 (Plenary lecture)
24. Austrian Proteomics Society, Seefeld, Austria, Jan 17-21, 2009
25. XVI World Congress of the International Society of Toxicology “Biodiversity in toxins: tools for biological research and drug development”, March 15-21, 2009, Recife, Brazil
26. Symposium “Rendez-Vous Proteomique 2009, Genome Quebec, April 15-16, 2009, Montreal QC, Canada
27. IV International EMBO Symposium “Current tools in cell biology: probing normal and pathological cell functions”, Aug 7-12, 2009, Rio de Janeiro, Brazil
28. 1st International Symposium on “Systems Biology”, Aug 25-30, Hong Kong, China
29. Croatian Biological Congress, Osijek, Croatia, September 14-18, 2009
30. 10th International Conference “Supramolecular Structure & Function”, September 19-25, 2009 Rovinj, Croatia
31. 8th Human Proteome Organization (HUPO) Conference “Proteomics of Human Health: Environment and Disease”, Sept 26-30, 2009, Toronto, Canada
32. International Conference on “Cell Signaling”, March 20-26, 2010, Montevideo, Uruguay
33. 39th Annual Meeting of Brazilian Society for Biochemistry and Molecular Biology (SBBq), May 18-22, 2010, Foz do Iguacu, Brazil
34. 35th FEBS Congress “Molecules of life”, June 25-July 1, 2010, Gothenburg, Sweden
35. The USA National Science Foundation funded International Symposium, Aug 4-14, 2010, Rio de Janeiro, Brazil
36. 10th jubilee Congress of the Croatian Society of Biochemistry and Molecular Biology, Sept 14-20, Opatija, Croatia
37. FEBS/ESF Conference “Spatiotemporal Dynamics of Signalling”. Sept 30-Oct 3, 2010, Oslo, Norway
38. International Conference “PPI Berlin: Current Trends in Network Biology”, Oct 8-9, 2010, Berlin, Germany
39. 11th annual Great Lakes GPCR retreat, Oct 21-23, 2010, Kingbridge ON, Canada
40. The European Science Foundation/EMBO Symposium “Molecular Perspectives on Protein-Protein Interactions”, Nov 14-19, 2010, Costa Brava, Spain
41. Cold Spring Harbor Conference “Systems Biology: Networks”, March 22-26, 2011, Cold Spring Harbor, USA
42. Keystone Meeting “Omics meets cell biology”, May 8-13, 2011, Alpbach, Austria
43. International Symposium “From Rudjer Boskovic to Today: Contribution of Croatian Scientists to the World Scientific Heritage”, May 28-June 2, 2011, Dubrovnik, Croatia
44. EMBO conference “Cancer Proteomics”, June 20-23, Dublin, Ireland

Invited Lectures (since 2004.)

1. Department of Biochemistry, University of Toronto, Canada, February 2004.
 2. Department of Computational Sciences, University of Tübingen, Germany, April 2004.
 3. Novartis, Basel, Switzerland, April 2004.
 4. Department of Cell Signaling, Valbone, France, May 2004.
 5. Friedrich Miescher Institute, Basel, Switzerland, May 2004.
 6. Department of Biochemistry, ETH Zurich, Switzerland, June 2004.
 7. Department of Biochemistry, Goethe University, Frankfurt, Germany, October 2004.
 8. Department of Pharmacology, University of Lausanne, Switzerland, January 2005.
 9. Hybrigenics Inc., Paris, France, March 2005
 10. German Cancer Research Center (Deutsches Krebsforschungszentrum), Heidelberg, Germany, May 2005
 11. The Hospital for Sick Kids, Toronto, Canada, October 2005
 12. Weizmann Institute, Tel Aviv, Israel, November 2005
 13. Institute Rudjer Boskovic, Zagreb, Croatia, November 2005
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14. University of California in Los Angeles (UCLA), Los Angeles, February 2006
15. Genentech Inc., San Francisco, USA, February 2006
16. Yale University, USA, April 2006
17. Department of Physiology & Department of Biochemistry, University of Alberta, Edmonton, Canada, October 2006
18. Mayo Clinic, Rochester, USA, November 2006
19. University of Montreal, Montreal, Canada, February 2007
20. Goethe University Frankfurt, Frankfurt, Germany, March 2007
21. University of Zurich, Department of Oncology, Zurich, Switzerland, August 2007
22. Stanford University, Department of Genetics, Palo Alto, California, November 2007
23. Nuvelo Inc., San Francisco, California, November 2007
24. University of Zurich, Department Biochemistry, Zurich, Switzerland, November 2007
25. Croatian Genetic Society, Zagreb, Croatia, November 2007
26. Max Delbrueck Institute for Molecular Medicine, Berlin-Buch, Germany, December 2007
27. Max Plank Institute, Department of Biochemistry, Martinsried, Germany, March 2008
28. National Institute of Health (NIH), Bethesda MD, October 2008
29. International Institute of Genetics and Biotechnology (ICGB), Trieste, Italy, November 2008
30. Friedrich Miescher Institute, Basel, Switzerland, November 2008
31. University of Texas South Western (UTSW), Dallas TX, December 2008
32. State University of Rio de Janeiro, Department of Molecular Biology, Brazil, March 2009.
33. Purdue University, Department of Genome Sciences, West Lafayette, IN, April 2009
34. ETH Zurich, Institute for Molecular Systems Biology, Zurich, June 2009
35. University of Sao Paulo, Brazil, Department of Molecular Biology, August 2009
36. Genome Center, Li Ka Shing Faculty of Medicine, University of Hong Kong, Hong Kong, September 2009
- 37 York University, Department of Biochemistry, Toronto, Canada, January 2010
- 38 University of Ljubljana, Department of Molecular Biology, Ljubljana, Slovenia, February 2010
- 39 University of Puerto Rico, Department of Biochemistry, San Juan, Puerto Rico, March 2010
- 40 Purdue University, Department of Pharmacology, Laffayette, IN, USA, April 2010
- 41 Eli Lilly and Company, Indianapolis, IN, USA, April 2010
- 42 State University New York (SUNY), Department of Pharmacology, Stony Brook, NY, USA, May 2010
- 43 Institute Rudjer Boskovic, Department of Molecular Medicine, Zagreb, Croatia, June 2010
- 44 ETH Lausanne, Department of Molecular Biology, Lausanne, Switzerland, February 2011
- 45 University of California San Diego, Department of Systems Biology, San Diego, CA, USA, March 2011
- 46 Florida State University, Department of Molecular Biophysics, Tallahassee, FL, USA, April 2011
- 47 University of Puerto Rico, Department of Pharmacology, San Juan, Puerto Rico, April 2011

E. Research Support.

On-going Support

1. **“The human Rothmund-Thomson RAPADILINO and Baller-Gerold syndrome gene product, RECQL4: functions, interactions”**
Principle Investigator: Igor Stagljari
Agency: Canadian Cancer Society Research Institute
Type: Operating grant
(2010-2013)
 2. **“The interactome of human G-protein coupled receptors”**
Principle Investigator: Igor Stagljari
Agency: Canadian Institutes of Health Research
Type: Operating grant
(2010-2013)
 3. **“Detection of protein-protein interactions between integral membrane proteins and secreted interacting proteins and development of the mammalian membrane two-hybrid technology”**
Principle Investigator: Igor Stagljari
Agency: Novartis (Switzerland)
Type: Operating grant
(2010-2013)
 4. **“Functional genomics of solid tumors for discovery and development of new biologics and biomarkers”**
Principle Investigator: Benjamin Neel and Igor Stagljari (co-PI)
Agency: Ontario Genomics Institute
Type: Operating grant
(2010-2015)
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Principal Investigator/Program Director (Last, First, Middle):

5. **“Identification of inhibitors of the P. aeruginosa type III secretion system using yeast-based phenotypic screens”**

Principle Investigator: Igor Stajlar Type: Operating grant
Agency: Cystic Fibrosis Foundation (2010-2013)

6. **“CIHR Team in Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC): From Genes to Proteins, Cells, Tissues and Patients”**

Principle Investigator: Robert Hamilton (co-PI) Type: Operating
Agency: Canadian Institutes of Health Research (2009-2014)

7. **“A membrane protein interaction map of the yeast ATP-binding cassette transporters”**

Principle Investigator: Igor Stajlar Type: Operating grant
Agency: Canadian Institutes of Health Research (2006-2011)

8. **Development of the mammalian membrane two-hybrid.**

Principle Investigator: Igor Stajlar Type: Operating grant
Agency: Canadian Institutes of Health Research (2009-2012)

9. **Functional analysis of the interactome of the human b-adrenergic receptors.**

Principle Investigator: Igor Stajlar Type: Operating grant
Agency: Heart and Stroke Foundation of Ontario (2009-2012)
