

## **Gitta M. Wanner-Seleznik**

Alte Badenerstrasse 6d. 8173 Neerach  
sgitta@gmail.com

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### **Personal data:**

Name:	Gitta Maria Wanner-Seleznik
Date and place of birth:	2 <sup>nd</sup> of March 1981 Szekszard, Hungary
Nationality:	Hungarian
Marital status:	Married
Residence permit	Valid Swiss Work permit In Switzerland since 2008

### **Education:**

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2008 - 2012	PhD – in Molecular Biology - Institute for Neuropathology, University of Zurich: <i>“Ectopic Lymphotoxin Expression in the Pancreas and in the Central Nervous System Predisposes to Autoimmunity”</i>
2003 - 2006	Studies of Biomedical Engineering at the Budapest University of Technology and Economics (BUTE), (MSc. Biomedical Engineering)
1999 - 2005	Studies of Environmental Engineering at the Budapest University of Technology and Economics (BUTE), (MSc. Environmental Engineering)
1995 - 1999	Garay Janos Gymnasium, Szekszard, Hungary (Abschluss: Abitur)

### **History of research experience**

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2012 –	University Hospital Zürich, Department of Visceral and Transplantation Surgery, Pancreas Research Lab: <i>Pre-clinical drug testing on animal models of autoimmune pancreatitis; Investigation of new biomarkers for the early diagnosis of pancreatic cancer</i> Position: Postdoctoral fellow
2007 – 2008	SOLVO Biotechnology Inc. Szeged-Hungary: <i>Utilization of ABC transporter assays in drug discovery and development</i> Position: Research associate

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- 2006 – 2007            Genzyme Corporation, Cardiovascular research-cardiac cell therapy group, Framingham, MA-US: *Investigating the therapeutic potential of mesenchymal stromal/ stem cells for the treatment of acute myocardial infarction.*  
Position: Research Associate/ Intern
- 2005 – 2006            Diploma theses at the Department of Inorganic Chemistry (BUTE), *Development of silicone based implants (e.g. polymer stents)*
- 2004 – 2005            Diploma theses at the Institute of Environmental Biotechnology (BUTE), *Monitoring of specific growth speed of nitrifying bacteria*
- 06/2005 – 09/2005    Summer student at Centro Universitario Mauà, Sao Paulo, Brazil, *Research on biological waste water treatment, studying the effect of organic loading on nitrifying and denitrifying bacteria*

### **Significant trainings**

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- 2009                    Laboratory Animal Science, module 1E, University of Zurich
- 2011                    Scientific Writing in Science and Medicine, University of Zurich
- 2012                    Presenting in English, University of Zurich
- 2012                    Advanced mouse transgenic techniques, University of Zurich
- 2013                    GCP – Good Laboratory Practice, Clinical Trial Center Zurich (CTC)
- 2014                    Clinical Trial Management, Certificate of Advanced Studies CTC
- 2015                    Grant and Proposal writing, University of Bern, University of Zurich

### **Languages**

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- English                fluent
- German                fluent
- French                 beginner (A2)
- Hungarian            native speaker

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### **Awards**

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Poster Prize	9th Day of Clinical Research 8.04.2010 – University Hospital Zurich
EPC Research Prize	European Pancreatic Club meeting, Stockholm June 16-19 2010 – for the “Best Presentation”
Research Prize	University of Zurich, Department of Surgery December 2013 – for the “Best Collaborative Effort and Publication in Gastroenterology”
National Scholar Award	For the best submitted abstract from Switzerland - UEGW – United European Gastroenterology Week, Berlin October 2013
Best of EPC	European Pancreatic Club, Southampton June 2014 – for the best abstract and presentation
Top Abstract Prize	For one of the five best abstracts submitted to the United European Gastroenterology Week, Vienna 2014

### **Publications**

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1. **G. Seleznik\***, H. Seeger\*, J. Bauer\*, K. Fu, J. Czerkowicz, A. Papandile, U. Poreci, D. Rabah, A. Ranger, C. D. Cohen, M. Lindenmeyer, J. Chen, I. Edenhofer, H.-J. Anders, M. Lech, R. P. Wüthrich, N. H. Ruddle, M. J. Moeller, N. Kozakowski, H. Regele, J. L. Browning\*, M. Heikenwalder\*, S. Segerer\*  
*The Lymphotoxin  $\beta$  receptor is a potential therapeutic target in renal inflammation*  
Kidney International. 2015 in press
2. Saponara E, Grabliauskaite K, Bombardo M, Buzzi R, Silva AB, Malagola E, Tian Y, Hehl AB, Schraner EM, **Seleznik G**, Zabel A, Reding T, Sonda S, Graf R.  
*Serotonin promotes acinar de-differentiation following pancreatitis-induced regeneration in the adult pancreas*  
J Pathol. 2015 Aug 3. doi: 10.1002/path.4595.
3. L. Boutaffala #, M. Bertrand #, C. Remouchamps#, **GM. Seleznik**, C. Bénézech, M. Frings, F. Reisinger, A. Hupalowska, S. Marchetti, F. Mair, J. Tracy, C. Ganef, JE. Ricci, B. Becher, J. Piette, P. Knolle, P. Vandenabeele, J. Caamano, M. Heikenwalder<sup>§</sup>, E. Dejardin<sup>§,\*</sup>  
*NIK promotes tissue destruction independently of the alternative NF- $\kappa$ B pathway through TNFR1/RIP1-induced apoptosis*  
Cell Death and Differentiation. 2015 Jun 5. doi: 10.1038/cdd.2015.69.
4. Grabliauskaite K, Hehl AB, **Seleznik GM**, Saponara E, Schlesinger K, Zuellig RA, Dittmann A, Bain M, Reding T, Sonda S, Graf R  
*p21<sup>WAF1/Cip1</sup> limits senescence and acinar-to-ductal metaplasia formation during pancreatitis.*  
J Pathol. 2014 Sep 12. doi: 10.1002/path.4440.
5. **Seleznik GM.**, Zoller J., O'Connor T., Graf R., Heikenwalder M.  
*The role of Lymphotoxin signaling in the development of autoimmune pancreatitis and associated secondary extra-pancreatic pathologies*  
Cytokine & Growth Factor Reviews, 2014 Apr;25(2):125-37

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6. Kruglov AA, Grivennikov SI, Kuprash DV, Winsauer C, Prepens S, **Seleznik GM**, Eberl G, Littman DR, Heikenwalder M, Tumanov AV, Nedospasov SA.  
*Nonredundant function of soluble LT $\alpha$ 3 produced by innate lymphoid cells in intestinal homeostasis*  
Science, 2013 Dec 6;342(6163):1243-6
7. **Seleznik GM**, Graf R.  
*Alternatives to steroids?! Beneficial effects of immunosuppressant drugs in autoimmune pancreatitis*  
Gut, 2013 April 30
8. **Seleznik GM**, T. Reding, F. Romrig, Y.Saito, A. Mildner, St. Segerer, L.-K. Sun, St. Regenass, M. Lech, H.-J. Anders, D. McHugh, T. Kumagi, Y. Hiasa, C. Lackner, J. Haybaeck, E. Angst, A. Perren, M.L. Balmer, E. Slack, A. MacPherson, M. Manz, A. Weber, J. Browning, M.C. Arkan, T. Rüllicke, A. Aguzzi, M. Prinz, R.Graf\* and M. Heikenwalder\*.  
*Lymphotoxin  $\beta$  Receptor Signaling Promotes Development of Autoimmune Pancreatitis*  
Gastroenterology, 2012; 143:1361-74
9. Wolf MJ, **Seleznik GM**, Heikenwalder M.  
*Lymphotoxin's link to carcinogenesis: Friend or Foe?*  
*From lymphoid neogenesis to hepatocellular carcinoma and prostate cancer*  
Adv Exp Med Biol, 2011;691:231-49.
10. Wolf MJ, **Seleznik GM**, Zeller N, Heikenwalder M  
*The unexpected role of lymphotoxin signaling in cancer development: From lymphoid tissue formation to liver and prostate cancer development.*  
Oncogene, 2010; 29:5006-18
11. J. Westrich, P.Yaeger, C. He, J. Stewart, R. Chen, **GM Seleznik**, S. Larson, B. Wentworth, S. Wadsworth, G.Akita, G. Molnar  
*Factors Affecting Residence Time of Mesenchymal Stromal Cells (MSC) Injected into the Myocardium*  
Cell Transplantation, 2010; 19:937-48.
12. Bettermann K, Vucur M, Haybaeck J, Koppe C, Janssen J, Heymann F, Weber A, Weiskirchen R, Liedtke C, Gassler N, Müller M, de Vos R, Wolf MJ, Boege Y, **Seleznik GM**, Zeller N, Erny D, Fuchs T, Zoller S, Cairo S, Buendia M, Prinz M, Akira S, Tacke F, Heikenwalder M, Trautwein C, Luedde T  
*TAK1 suppresses a NEMO-dependent, but NF- $\kappa$ B-independent pathway to liver cancer*  
Cancer Cell, 2010; 17:481-96.