



Professor Rolf Graf
Head Research VIS
Biomedical research

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Curriculum Vitae

Key skills

Biochemistry and molecular biology

Background

2010 Titular Professor
2002 Privatdozent
1990 Research Associate UZH
1987 Postdoctoral fellow
1986 Dr. phil. II
1981 Dipl. phil. II

Publications

Sonda S, Silva A, Grabliauskaite K, Saponara E, Weber A, Jang J-H, A Züllig R, Bain M, Reding Th, Hehl A, Graf R. (2012) Serotonin regulates amylase secretion and acinar cell damage during murine pancreatitis
GUT 2012; 62:890-8 <http://www.ncbi.nlm.nih.gov/pubmed/22591619>

Keel M, Härter L, Reding Th, Sun L.K, Hersberger M, Seifert B, Bimmler D, Graf R
Pancreatic stone protein is highly increased during post-traumatic sepsis and activates neutrophil granulocytes
Critical Care Medicine 2009; 37:1642-8.
<http://www.ncbi.nlm.nih.gov/pubmed/19325491>

Lesurtel M, Graf R, Aleil B, Walther DJ, Tian Y, Jochum W, Gachet C, Bader M, Clavien PA.
Platelet-derived serotonin mediates liver regeneration.
Science 2006; 312,104-7 <http://www.ncbi.nlm.nih.gov/pubmed/16601191>

Graf R., Mattera R., Codina J., Estes M.K. and Birnbaumer L.
A Truncated Recombinant α Subunit of Gi3 with a Reduced Affinity for $\beta\gamma$ Dimers and Altered GTP γ S Binding
Journal of Biological Chemistry 1992; 267: 24307-24314.
<http://www.ncbi.nlm.nih.gov/pubmed/1332951>

Graf R. and Briegel H.

The Synthetic Pathway of Trypsin in the Mosquito *Aedes aegypti* L.
(Diptera: Culicidae) and in vitro Stimulation in Isolated Midguts.

Insect Biochemistry 1989; 19, 129-137.

<http://www.sciencedirect.com/science/article/pii/0020179089900838>

Memberships

European Pancreatic Club

International Association of Pancreatology

Key areas of research

Pathophysiology of the pancreas

Acute phase proteins

Inflammation and sepsis