

## Grohovaz

Ehehalt R., Michel B., De Pietri Tonelli D., Zacchetti D., Simons K. and Keller P.  
Splice variants of the beta-site APP-cleaving enzyme BACE1 in human brain and pancreas.

Biochem. Biophys. Res. Comm. 293 : 30-37 (2002).

Schnurbus R., De Pietri Tonelli D., Grohovaz F. and Zacchetti D.  
Re-evaluation of primary structure, topology, and localization of Scamper, a putative intracellular Ca<sup>2+</sup> channel activated by sphingosylphosphocholine.  
Biochem. J. 362: 183-189 (2002).

Bertuzzi F., Grohovaz F., Maffi P., Caumo A., Aldrighetti L., Nano R., Hengster P., Calori G., Di Carlo V., Bonifacio E. and Secchi A.  
Successful transplantation of human islets in recipients bearing a kidney graft.  
Diabetologia 45: 77-84 (2002).

\* De Pietri Tonelli D., Mihailovich M., Schnurbus R., Pesole G., Grohovaz F. and Zacchetti D.  
Translational control of Scamper expression via a cell-specific internal ribosome entry site.  
Nucl. Acids Res. 31 : 2508-2513 (2003).

\* De Pietri Tonelli D., Mihailovich M., Di Cesare A., Codazzi F., Grohovaz F. and Bacchetti D.  
Translational regulation of BACE-1 expression in neuronal and non-neuronal cells.  
Nucl. Acids Res. 32 : 1808-1817 (2004).

Negri L., Lattanzi R., Giannini E., Colucci M.A., Mignogna G., Barra D., Grohovaz F., Codazzi F., Kaiser A., Kreil G. Melchiorri P.  
Biological activities of Bv8 analogues.  
Br. J. Pharmacol. 146 : 625-632 (2005).

Vangelista L., Soprana E., Cesco-Gaspere M., Mandiola P., Di Lullo G., Fucci R.N., Codazzi F., Palini A., Paganelli G., Burrone O.R. and Siccardi A.G.  
Membrane IgE Binds and Activates Fc{epsilon}RI in an Antigen-Independent Manner.  
J. Immunol. 174 : 5602-5611 (2005).

\* Micheletti M., Brioschi A., Fesce R. and Grohovaz F.  
A novel pattern of fast calcium oscillations points to calcium and electrical activity cross-talk in rat chromaffin cells.  
Cell. Mol. Life. Sci. 62 : 95-104 (2005).

\* Di Cesare A, Del Piccolo P, Zacchetti D and Grohovaz F  
EP2 receptor stimulation promotes calcium responses in astrocytes via activation of the adenylyl cyclase pathway.

Cell. Mol. Life Sci. 63 : 2546-2553 (2006).

\* Codazzi F., Di Cesare A., Chiulli N., Albanese A., Meyer T., Zacchetti D. and Grohovaz F.

Synergistic control of Protein Kinase C $\gamma$  activity by ionotropic and metabotropic glutamate receptor inputs in hippocampal neurons.

J Neurosci. 26 : 3404-3411 (2006).

Chiulli N., Codazzi F., Di Cesare A., Gravaghi C., Zacchetti D. and Grohovaz F.

Sphingosylphosphocholine effects on cultured astrocytes reveal mechanisms potentially involved in neurotoxicity in Niemann-Pick type A disease.

Eur. J. Neurosci. 26 : 875-881 (2007).

\* Mihailovich M., Thermann R., Grohovaz F., Hentze M.W. and Zacchetti D.

Complex translational regulation of BACE1 involves upstream uAUGs and stimulatory elements within the 5' untranslated region.

Nucl. Acids Res. 35 : 2975-2985 (2007).

\* Zacchetti D., Chieregatti E., Bettegazzi B., Mihailovich M., Sousa V.L., Grohovaz F. and Meldolesi J.

BACE1 expression and activity: relevance in Alzheimer's disease.

Neurodegenerative Dis. 4 : 117-126 (2007).

Morara S., Wang L.P., Filippov V., Dickerson I.M., Grohovaz F., Provini L. and Kettenmann H.

Calcitonin gene-related peptide (CGRP) triggers Ca $^{2+}$  responses in cultured astrocytes and in Bergmann glial cells from cerebellar slices.

Eur. J. Neurosci. 28 : 2213-2220 (2008).

Pelizzoni I., Macco R., Zacchetti D., Grohovaz F. and Codazzi F.

Iron and calcium in the central nervous system: a close relationship in health and sickness.

Biochem. Soc. Trans. 36 : 1309-1312 (2008).