

SELECTED PRESENTATIONS & POSTERS

- Oct 2025 Keynote presentation at the Waters European Biopharma Analytical Forum (WEBAF) 2025, Sevilla, Spain.
«*Glycoprotein Analytics using Charge Detection Mass Spectrometry (CDMS)*»
- Feb 2016 Poster presentation at the 2016 Gordon Research Conference / Seminar on Plasminogen Activation & Extracellular Proteolysis, Ventura, CA, USA.
«*Identification of novel ligands for low-density lipoprotein receptor-related protein 1 in the injured peripheral nervous system*» (Poster award)
- July 2015 Poster presentation at 12th European Meeting on Glial Cell Function in Health and Disease, Bilbao, Spain.
«*c-Jun is activated by LDL receptor-related protein-1 in Schwann cells*»
- Jan 2013 Invited speaker at Nikon workshop “Hybrids in microscopy”, Jacobs University Bremen, Germany.
«*Designed Ankyrin Repeat Proteins as novel tools in apoptotic research*»

PUBLICATIONS

1. Glia. 2024 May; 72(5):916-937
Martellucci S, **Flütsch A**, Carter M, Norimoto M, Pizzo D, Mantuano E, Sadri M, Wang Z, Chillin-Fuentes D, Rosenthal SB, Azmoon P, Gonias SL, Campana WM.
«*Axon-derived PACSIN1 binds to the Schwann cell survival receptor, LRP1, and transactivates TrkC to promote gliatrophic activities*»
2. Neuroreport. 2016 Dec 14; 27(18):1305-1311
Flütsch A, Henry K, Mantuano E, Lam MS, Shibayama M, Takahashi K, Gonias SL, Campana WM.
«*Evidence that LDL receptor-related protein 1 acts as an early injury detection receptor and activates c-Jun in Schwann cells*»
3. Biol. Chem. 2014; 395(10): 1243–1252
Flütsch A*, Schroeder T*, Barandun J*, Ackermann R, Bühlmann M, Grütter MG.
«*Specific targeting of human caspases using designed ankyrin repeat proteins*»
4. Biochem. J. (2014) 461, 279-290
Flütsch A, Ackermann R, Schroeder T, Lukarska M, Hausammann GJ, Weinert C, Briand C, Grütter MG.
«*Combined inhibition of caspase-3 and caspase-7 by two highly selective DARPins slows down cellular demise*»
5. Protein Sci. 2013, Sep 22(9): 1239-57
Seeger MA, Zbinden R*, **Flütsch A***, Gutte PG*, Engeler S, Roschitzki-Voser H, Grütter MG.
«*Design, construction and characterization of a second-generation DARPIn library with reduced hydrophobicity*»
6. Springer-Verlag Wien 2013, DOI 10.1007/978-3-7091-0885-7_8
K. Brix and W. Stöcker (eds.), “Proteases: Structure and Function”
Andreas Flütsch and Markus G. Grütter; Chapter 8
«*Proteases in death pathways*»
7. Structure (2013) vol. 21 (2) pp. 277-89
Schroeder T*, Barandun J*, **Flütsch A***, Briand C, Mittl PRE, Grütter MG.
«*Specific Inhibition of Caspase-3 by a Competitive DARPIn: Molecular Mimicry between Native and Designed Inhibitors*»
8. Bioorg Med Chem Lett. 2011, Feb 15;21(4):1162-6
Flütsch A, Schroeder T, Grütter MG, Patzke GR.
«*HIV-1 protease inhibition potential of functionalized polyoxometalates*»

(* contributed equally)