Prof. S. Gründer

Data as of January 10, 2025

Total citations: >6100
Papers with ≥100 citations: 16
h-Index: 36
(Data based on Clarivate Analytics)

Original Publications

(75) Ortega-Ramírez A, Albani S, Bachmann M, Schmidt A, Pinoé-Schmidt M, Assmann M, Augustinowski K, Rossetti G, and **Gründer S*** *A conserved peptide-binding pocket in HyNaC/ASIC ion channels.* **Proc. Natl. Acad. Sci. USA** 121(41), e2409097121 (2024)

(74) Pissas K-P, **Gründer S***, and Tian Y *Functional expression of the proton sensors ASIC1a, TMEM206, and OGR1 together with BK_{Ca} channels is associated with cell volume changes and cell death under strongly acidic conditions in DAOY medulloblastoma cells.* **Pflügers Arch.**, 476(6), 923-937 (2024)

(73) Pissas K-P, Schilling M, Tian Y, and **Gründer S*** *Melatonin alters the excitability of mouse cerebellar granule neurons by inhibiting voltage-gated sodium, potassium, and calcium channels.* **J. Pineal Res.**, 76(1): e12919 (2024)

(72) Pissas K-P, Schilling M, Tian Y, and **Gründer S*** *Functional characterization of acid-sensing ion channels in the cerebellum-originating medulloblastoma cell line DAOY and in cerebellar granule neurons.* **Pflügers Arch.**, 475(9), 1073-1087 (2023)

(71) Fischer L, Schmidt A, Dopychai A, Joussen S, Joeres N, Oslender-Bujotzek A, Schmalzing G, and **Gründer S*** *Physiologically relevant acid-sensing ion channel (ASIC) 2a/3 heteromers have a 1:2 stoichiometry.* **Commun. Biol.**, 6(1): 701 (2023)

(70) Hawashin A, Brakmann IC, Tian Y, **Gründer S***, and Ortega-Ramírez A *Modulation of Acid-Sensing Ion Channels by Tannic Acid and Green Tea via a Membrane-Mediated Mechanism.* **ACS Chem. Neurosci.**, 14(14), 2487-2498 (2023)

(69) Aguilar-Camacho JM, Foreman K, Jaimes-Becerra, A, Aharoni R, **Gründer S***, and Moran Y* *Functional analysis in a model sea anemone reveals phylogenetic complexity and a role in cnidocyte discharge of DEG/ENaC ion channels.* **Commun. Biol.**, 6(1), 17 (2023)

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