

2021:

Elke Gabriel, Walid Albanna, Giovanni Pasquini, Anand Ramani, Natasia Josipovic, Aruljothi Mariappan, Friedrich Schinzel, Celeste M. Karch, Guobin Bao, Marco Gottardo, Jürgen Hescheler, Veronica Persico, Silvio O. Rizzoli, Janine Altmüller, Giuliano Callaini, Argyris Papantonis, Olivier Goureau, Volker Busskamp, **Toni Schneider** and Jay Gopalakrishnan (2021) Human brain organoids assemble functionally integrated bilateral optic vesicles. bioRxiv submitted, preprint

Anita Siller, Nadja T. Hofer, Giulia Tomagra, Nicole Wiederspohn, Simon Hess, Julia Benkert, Aisylu Gaifullina, Desiree Spaich, Johanna Duda, Christina Pötschke, Kristina Vilusic, Eva Maria Fritz, **Toni Schneider**, Peter Kloppenburg, Birgit Liss, Valentina Carabelli, Emilio Carbone, Nadine J. Ortner and Jörg Striessnig (2021) Alternative splicing of auxiliary $\beta 2$ -subunits stabilizes $\text{Ca}_v2.3 \text{ Ca}^{2+}$ channel activity in continuously active midbrain dopamine neurons. bioRxiv, submitted, preprint

Felix Neumaier, Konstantin Kotliar, Jan Niklas Lücke, Osama Seyam, Ute Lindauer, Hans Clusmann, Juergen Hescheler, Gerrit Alexander Schubert, **Toni Schneider** and Walid Albanna (2021) Retinal Vessel Responses to Flicker Stimulation are Impaired in $\text{Cav}2.3$ -Deficient Mice - An In-Vivo Evaluation Using Retinal Vessel Analysis (RVA). *Frontiers in Neurology*, 12: 659890 doi: 10.3389/fneur.2021.659890

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Walid Albanna*; Felix Neumaier*; Jan Niklas Lüke; Konstantin Kotliar; Catharina Conzen; Ute Lindauer; Jürgen Hescheler; Hans Clusmann; **Toni Schneider**§; Gerrit Alexander Schubert§ (2018) Unconjugated bilirubin modulates neuronal signaling only in wildtype mice, but not after ablation of the R-type / Ca_v2.3 voltage-gated calcium channel. CNS Neuroscience & Therapeutics, 24(3):222-230. doi: 10.1111/cns.12791. */§ Contributed equally

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