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Publications

PUBLICATIONS

- **Disrupted Development of the mPFC-Thalamic Circuit in Shank3-/- mice, an autism-associated model.** *Molecular psychiatry*
  Devienne, G., Vantomme, G., Huguenard, J. R.
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- **Synaptic cell adhesion molecule Cdh6 identifies a class of sensory neurons with novel functions in colonic motility.** *eLife*
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- **The reuniens thalamus recruits recurrent excitation in the medial prefrontal cortex.** *Proceedings of the National Academy of Sciences of the United States of America*
  Vantomme, G., Devienne, G., Hull, J. M., Huguenard, J. R.
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- **Synaptic cell adhesion moleculeCdh6identifies a class of sensory neurons with novel functions in colonic motility.** *bioRxiv : the preprint server for biology*
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- **Reuniens thalamus recruits recurrent excitation in medial prefrontal cortex.** *bioRxiv : the preprint server for biology*
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- **Author Correction: Precise spatiotemporal control of voltage-gated sodium channels by photocaged saxitoxin.** *Nature communications*
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- **Regulation of Perineuronal Nets in the Adult Cortex by the Activity of the Cortical Network** *JOURNAL OF NEUROSCIENCE*
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  2021; 41 (27): 5779-5790

- **Single Cell Multiplex Reverse Transcription Polymerase Chain Reaction After Patch-clamp** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*
  Devienne, G., Le Gac, B., Piquet, J., Cauli, B.
  2018

- **Depdc5 knockdown causes mTOR-dependent motor hyperactivity in zebrafish** *ANNALS OF CLINICAL AND TRANSLATIONAL NEUROLOGY*
  de Calbiac, H., Dabacan, A., Marsan, E., Tostivint, H., Devienne, G., Ishida, S., Leguern, E., Baulac, S., Muresan, R. C., Kabashi, E., Ciura, S.
  2018; 5 (5): 510–23

PRESENTATIONS

- Control of perineuronal net and cortical plasticity by the activity of fast spikingparvalbumin interneurons - SFN 2018