



# AXON

11-13 September 2019  
ALICANTE, SPAIN



## Programme

"Circuits Development & Axon Regeneration"  
**3<sup>rd</sup> AXON Meeting**

[www.axon2019.com](http://www.axon2019.com)

- 37 **Genetic dissection of the neural basis of binocular depth perception demonstrates an essential role for ipsilateral retinal projections**  
*Charron, Frederic*
- 38 **Glial Insulin regulates two-faced Gogo that acts together with or against Flamingo in navigating photoreceptor axons in *Drosophila***  
*Hiroki, Takechi; Satoko, Hakeda-Suzuki; Takashi, Suzuki*
- 39 **Hidden mRNA isoforms diversify the cell surface proteome in neural development and disease**  
*Kay, Jeremy; Ray, Thomas; Cochran, Kelly; Alexander, Graham; Arshavsky, Vadim; Kay, Jeremy*
- 40 **How axon guidance happens: From biochemistry and statistical physics to cell biology and neuroanatomy in development of the TSM1 axon of *Drosophila***  
*Giniger, Edward; Clarke, Akanni; Fang, Hsiao-Yu; McQueen, Philip*
- 41 **Identification of cellular, functional and genetic causes of *Hoxb1* null sensorineural hearing loss**  
*Di Bonito, Maria; Tizzano, Monica; Avallone, Bice; Harrus, Anne-Gabrielle; Bouriën, Jérôme; Nouvian, Régis; Studer, Michèle*
- 42 **Investigation into mechanisms of synapse maintenance and restoration**  
*Heckman, Emily; Doe, Chris*
- 43 **Kinetic restriction of synaptic partner choice through autophagy in axonal filopodia**  
*Kiral, Ferdi Ridvan; Linneweber, Gerit; Georgiev, Svilen; Bassem, Hassan; Von Kleist, Max; Hiesinger, Peter Robin*
- 44 **Latrophilin coincident binding of Teneurin and FLRT controls neuron migration by repulsion**  
*Del Toro, Daniel; Brignani, Sara; Seyit-Bremer, Goenuel; Klein, Ruediger*