

COMMENTARY

- e202112988 **How do batrachotoxin-bearing frogs and birds avoid self intoxication?**
Roberto Márquez

TUTORIAL

- e202012778 **Analysis methods and quality criteria for investigating muscle physiology using x-ray diffraction**
John M. Squire and Carlo Knupp

VIEWPOINT

- e202012859 **The muscle M3 x-ray diffraction peak and sarcomere length: No evidence for disordered myosin heads out of actin overlap**
John M. Squire and Carlo Knupp

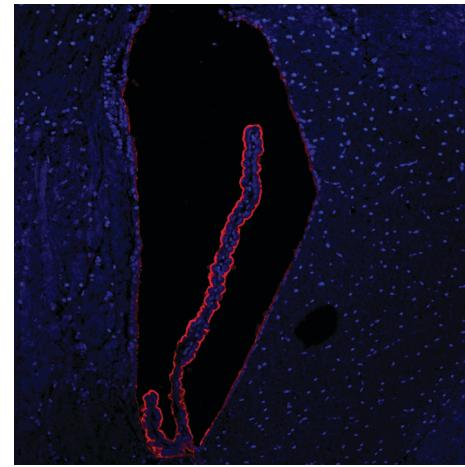
ARTICLES

- e202112923 **Electrophysiological characterization of the hERG R56Q LQTS variant and targeted rescue by the activator RPR260243**
Jacob M. Kemp, Dominic G. Whittaker, Ravichandra Venkateshappa, ZhaoKai Pang, Raj Johal, Valentine Sergeev, Glen F. Tibbits, Gary R. Mirams, and Thomas W. Claydon

- e202112899 **The M1 and pre-M1 segments contribute differently to ion selectivity in ASICs and ENaCs**
Zeshan P. Sheikh, Matthias Wulf, Søren Friis, Mike Althaus, Timothy Lynagh, and Stephan A. Pless

- e202112924 **The epithelial potassium channel Kir7.1 is stimulated by progesterone**
Ida Björkgren, Sarah Mendoza, Dong Hwa Chung, Monika Haoui, Natalie True Petersen, and Polina V. Lishko

- e202112959 **The speed of the hair cell mechanotransducer channel revealed by fluctuation analysis**
Maryline Beurg, Jong-Hoon Nam, and Robert Fettiplace



ON THE COVER

Immunohistochemical staining of an adult mouse lateral ventricle shows the potassium channel Kir7.1 localized on the apical side of the choroid plexus.

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