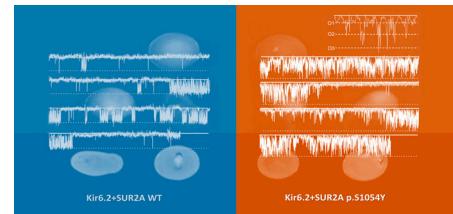


#### COMMENTARIES

- e202213249 **Variants of the myosin interacting-heads motif**  
Raúl Padrón, Debabrata Dutta, and Roger Craig
- e202213265 **Calcium activation through thick and thin?**  
Michael J. Previs



#### REVIEW

- e202113046 **Mechanistic insights on K<sub>ATP</sub> channel regulation from cryo-EM structures**  
Camden M. Driggers and Show-Ling Shyng

#### ARTICLES

- e202213087 **Single-molecule imaging reveals how mavacamten and PKA modulate ATP turnover in skeletal muscle myofibrils**  
Matvey Pilagov, Laurens W.H.J. Heling, Jonathan Walklate, Michael A. Geeves, and Neil M. Kadlec
- e202213103 **Huntingtin regulates calcium fluxes in skeletal muscle**  
Mathilde Chivet, Maximilian McCluskey, Anne Sophie Nicot, Julie Brocard, Mathilde Beaufils, Diane Giovannini, Benoit Giannesini, Brice Poreau, Jacques Brocard, Sandrine Humbert, Frédéric Saudou, Julien Fauré, and Isabelle Marty
- e202112995 **A Cantú syndrome mutation produces dual effects on K<sub>ATP</sub> channels by disrupting ankyrin B regulation**  
Teresa Crespo-García, Marcos Rubio-Alarcón, Anabel Cámaras-Checa, María Dago, Josu Rapún, Paloma Nieto-Marín, María Marín, Jorge Cebrián, Juan Tamargo, Eva Delpón, and Ricardo Caballero
- e202213153 **cAMP-PKA signaling modulates the automaticity of human iPSC-derived cardiomyocytes**  
Savyon Mazgaoker, Ido Weiser-Bitoun, Inbar Brosh, Ofer Binah, and Yael Yaniv

#### COMMUNICATION

- e202113004 **KCa1.1 channels contribute to optogenetically driven post-stimulation silencing in cerebellar molecular layer interneurons**  
Merouann Kassa, Jonathan Bradley, Abdelali Jalil, and Isabel Llano

#### ON THE COVER

Yeast-two hybrid assay images showing the growth of yeast-cells expressing AnkB and SUR2A WT (blue, left) or p.S1054Y (orange, right). Superimposed unitary currents (white) generated by cells expressing Kir6.2 and SUR2A WT (left) or p.S1054Y (right). The inset (top right) shows an expanded view of the multiple conductance states induced by p.S1054Y SUR2A.

Image © Crespo-García et al., 2022. See <https://doi.org/10.1085/jgp.202112995>.