**PERSPECTIVES**

Unraveling novel features hidden in superresolution microscopy data
David Holcman
eLocation ID: e23893

**SHORT COMMUNICATIONS**

Phenazine production enhances extracellular DNA release via hydrogen peroxide generation in *Pseudomonas aeruginosa*
Theerthankar Das and Mike Manefield
eLocation ID: e23570

In planta fitness-cost of the Atu4232-regulon encoding for a selective GABA-binding sensor in Agrobacterium
Sara Planamente, Solange Moréra and Denis Faure
eLocation ID: e23692

Neurotoxic phospholipase A₂ toxicity model: An insight from mammalian cells
Nina Vardjan, Mojca Mattiazzi, Edward G. Rowan, Igor Knžaj, Uroš Petrović and Toni Petan
eLocation ID: e23600

Synthetically engineered rpb1 alleles altering RNA polymerase II carboxy terminal domain phosphorylation induce discrete morphogenetic defects in *Schizosaccharomyces pombe*
Kyle Hoffman, Haeyoung Yoo and Jim Karagiannis
eLocation ID: e23954

Consolidation of long-term memory by insulin in *Lymnaea* is not brought about by changing the number of insulin receptors
Dai Hatakeyama, Akiko Okuta, Emi Otsuka, Ken Lukowiak and Etsuro Ito
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The “Out of Africa Tribe” (II): Paleolithic warriors with big canoes and protective weapons
Eduardo Moreno
eLocation ID: e24145

**MINI-REVIEWS**

New insights into the protective power of platelets in malaria infection
Brendan J. McMorran, Gaetan Burgio and Simon J. Foote
eLocation ID: e23653

Symbiont-mediated functions in insect hosts
Qi Su, Xiaomao Zhou and Youjun Zhang
eLocation ID: e23804

**ARTICLE ADDENDA**

Rab10 delivers GLUT4 storage vesicles to the plasma membrane
Yu Chen and Jennifer Lippincott-Schwartz
eLocation ID: e23779

Mitotic errors, aneuploidy and micronuclei in Hodgkin lymphoma pathogenesis
Maxwell M. Krem and Marshall S. Horwitz
eLocation ID: e23544

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**About the cover.**

A four-headed planarian was produced by isolating wound cells from gap junction-mediated communication with remaining tissues. Green signal is anti-synapsin staining that reveals brain and nerve cords and anti-arrestin staining that reveals the eye spots. Yellow signal indicates phosphorylated histone 3-positive mitotic cells (neoblasts). Red tissue is pseudocolored bright-field DIC image of the whole worm body. Photo courtesy of Junji Morokum and Nestor J. Oviedo. For more information, please see Tseng A and Levin M. Cracking the bioelectric code: Probing endogenous ionic controls of pattern formation. Commun Integr Biol. 2013 6(1): e22595
Layer-specific regulation of cortical neurons by interhemispheric inhibition
Lucy M. Palmer, Jan M. Schulz and Matthew E. Larkum
eLocation ID: e23545

 Constitutive and agonist stimulated ATP secretion in leukocytes
Hinnah Campwala and Samuel J. Fountain
eLocation ID: e2363

Mitochondrial calcium uniporter, MiRNA and cancer: Live and let die
Saverio Marchi and Paolo Pinton
eLocation ID: e23818

How fairly do chimpanzees play the ultimatum game?
Darby Proctor, Sarah F. Brosnan and Frans B. M. van de Waal
eLocation ID: e23819

Uncovering the cultural knowledge of sanctuary apes
Thibaud Gruber
eLocation ID: e23833

Nuclear envelope-associated dynein cooperates with Eg5 to drive prophase centrosome separation
Roy. G.H.P. van Heesbeen, Jonne A. Raaijmakers, Marvin E. Tanenbaum and René H. Medema
eLocation ID: e23841

Collective behavior of Dictyostelium discoideum monitored by impedance analysis
Edith Schäfer, Dennis Aue, Marco Tarantola, Elena Polo, Christian Westendorf, Noriko Oikawa, Eberhard Bodenschatz, Burkhard Geil and Andreas Janshoff
eLocation ID: e23894

A model for generating several adaptive phenotypes from a single genetic event: Saccharomyces cerevisiae GAP1 as a potential bet-hedging switch
Henrik D. Møller, Kaj S. Andersen and Birgitte Regenberg
eLocation ID: e23933

Evaluating the spectral discrimination capabilities of different pollinators and their effect on the evolution of flower colors
Mani Shrestha, Adrian G. Dyer and Martin Burd
eLocation ID: e24000

Cytolytic granules supply Ca²⁺ for their own exocytosis via NAADP and resident two-pore channels
Lianne C. Davis and Antony Galione
eLocation ID: e24175

SIMPLE: A new regulator of endosomal trafficking and signaling in health and disease
Lih-Shen Chin, Samuel M. Lee and Lian Li
eLocation ID: e24214
