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UP FRONT

- Editorial:** Gore's Fever and Dante's *Inferno*: Chikungunya Reaches Ravenna 635-638
Book Review: Cody Mooneyhan reviews Arthur Kornberg's *Germ Stories* 639
Songbook: Lawrence Mathews sings *Talking Graduate Student Blues*, based on *Talking Guitar Blues* by Cisco Houston 640

REVIEWS

- L. Charrier-Hisamuddin, C. L. Laboisse, and D. Merlin
ADAM-15: a metalloprotease that mediates inflammation 641-653

LIFE SCIENCES FORUM

- K. K. Intemann and I. de Melo-Martín
Regulating scientific research: should scientists be left alone? 654-658
S. Reagan-Shaw, M. Nihal, and N. Ahmad
Dose translation from animal to human studies revisited 659-661

RESEARCH COMMUNICATIONS

- C. D'Addario, Y. Ming, S.-O. Ögren, and L. Terenius
The role of acetaldehyde in mediating effects of alcohol on expression of endogenous opioid system genes in a neuroblastoma cell line 662-670
M. Maynadier, J.-M. Ramirez, A.-M. Cathiard, N. Platet, D. Gras, M. Gleizes, M. S. Sheikh, P. Nirde, and M. Garcia
Unliganded estrogen receptor α inhibits breast cancer cell growth through interaction with a cyclin-dependent kinase inhibitor (p21^{WAF1}) 671-681
L. V. Norling, A. L. F. Sampaio, D. Cooper, and M. Perretti
Inhibitory control of endothelial galectin-1 on *in vitro* and *in vivo* lymphocyte trafficking 682-690
Y. Chang, M. P. Stockinger, H. Tashiro, and C.-I. G. Lin
A novel noncoding RNA rescues mutant SOD1-mediated cell death 691-702
H. Atamna, A. Nguyen, C. Schultz, K. Boyle, J. Newberry, H. Kato, and B. N. Ames
Methylene blue delays cellular senescence and enhances key mitochondrial biochemical pathways 703-712
T. Sakashita, N. Hamada, D. D. Ikeda, S. Yanase, M. Suzuki, N. Ishii, and Y. Kobayashi
Modulatory effect of ionizing radiation on food-NaCl associative learning: the role of γ subunit of G protein in *Caenorhabditis elegans* 713-720
M. A. Kostiuik, M. M. Corvi, B. O. Keller, G. Plummer, J. A. Prescher, M. J. Hangauer, C. R. Bertozzi, G. Rajaiah, J. R. Falck, and L. G. Berthiaume
Identification of palmitoylated mitochondrial proteins using a bio-orthogonal azido-palmitate analogue 721-732

(continued)

- L. Yao, C. Korteweg, W. Hsueh, and J. Gu
Avian influenza receptor expression in H5N1-infected and noninfected human tissues 733-740
- S. Yona, H.-H. Lin, P. Dri, J. Q. Davies, R. P. G. Hayhoe, S. M. Lewis, S. E. M. Heinsbroek, K. A. Brown, M. Perretti, J. Hamann, D. F. Treacher, S. Gordon, and M. Stacey
Ligation of the adhesion-GPCR EMR2 regulates human neutrophil function 741-751
- S. Parvez, A. Beck, C. Peinelt, J. Soboloff, A. Lis, M. Monteilh-Zoller, D. L. Gill, A. Fleig, and R. Penner
STIM2 protein mediates distinct store-dependent and store-independent modes of CRAC channel activation 752-761
- C. Krammer, M. H. Suhre, E. Kremmer, C. Diemer, S. Hess, H. M. Schätzl, T. Scheibel, and I. Vorberg
Prion protein/protein interactions: fusion with yeast Sup35p-NM modulates cytosolic PrP aggregation in mammalian cells 762-773
- S. Summermatter, D. Mainieri, A. P. Russell, J. Seydoux, J. P. Montani, A. Buchala, G. Solinas, and A. G. Dulloo
Thrifty metabolism that favors fat storage after caloric restriction: a role for skeletal muscle phosphatidylinositol-3-kinase activity and AMP-activated protein kinase 774-785
- S. Tsutsui, D. Vergote, N. Shariat, K. Warren, S. S. G. Ferguson, and C. Power
Glucocorticoids regulate innate immunity in a model of multiple sclerosis: reciprocal interactions between the A1 adenosine receptor and β -arrestin-1 in monocytoid cells 786-796
- D. D. O. Martin, G. L. Vilas, J. A. Prescher, G. Rajaiah, J. R. Falck, C. R. Bertozzi, and L. G. Berthiaume
Rapid detection, discovery, and identification of post-translationally myristoylated proteins during apoptosis using a bio-orthogonal azidomyristate analog 797-806
- C. Selman, S. Lingard, A. I. Choudhury, R. L. Batterham, M. Claret, M. Clements, F. Ramadani, K. Okkenhaug, E. Schuster, E. Blanc, M. D. Piper, H. Al-Qassab, J. R. Speakman, D. Carmignac, I. C. A. Robinson, J. M. Thornton, D. Gems, L. Partridge, and D. J. Withers
Evidence for lifespan extension and delayed age-related biomarkers in insulin receptor substrate 1 null mice 807-818
- W. Araki, N. Takahashi-Sasaki, D.-H. Chui, S. Saito, K. Takeda, K. Shirotani, K. Takahashi, K. S. Murayama, F. Kametani, H. Shiraishi, H. Komano, and T. Tabira
A family of membrane proteins associated with presenilin expression and γ -secretase function 819-827
- B. P. Head, H. H. Patel, Y. M. Tsutsumi, Y. Hu, T. Mejia, R. C. Mora, P. A. Insel, D. M. Roth, J. C. Drummond, and P. M. Patel
Caveolin-1 expression is essential for *N*-methyl-d-aspartate receptor-mediated Src and extracellular signal-regulated kinase 1/2 activation and protection of primary neurons from ischemic cell death 828-840
- Y. Nakamura, M. Ichinohe, M. Hirata, H. Matsuura, T. Fujiwara, T. Igarashi, M. Nakahara, H. Yamaguchi, S. Yasugi, T. Takenawa, and K. Fukami
Phospholipase C- δ 1 is an essential molecule downstream of *Foxn1*, the gene responsible for the nude mutation, in normal hair development 841-849
- Y. Cordeaux, S. J. Briddon, S. P. H. Alexander, B. Kellam, and S. J. Hill
Agonist-occupied A₃ adenosine receptors exist within heterogeneous complexes in membrane microdomains of individual living cells 850-860
- S. Adriouch, P. Bannas, N. Schwarz, R. Fliegert, A. H. Guse, M. Seman, F. Haag, and F. Koch-Nolte
ADP-ribosylation at R125 gates the P2X7 ion channel by presenting a covalent ligand to its nucleotide binding site 861-869
- Z. Zador, M. Magzoub, S. Jin, G. T. Manley, M. C. Papadopoulos, and A. S. Verkman
Microfiber optic fluorescence photobleaching reveals size-dependent macromolecule diffusion in extracellular space deep in brain 870-879
- T. Levchenko, N. Veitonmäki, A. Lundkvist, H. Gerhardt, Y. Ming, K. Berggren, A. Kvanta, R. Carlsson, and L. Holmgren
Therapeutic antibodies targeting angiominin inhibit angiogenesis *in vivo* 880-889

(continued)

F. Wu, J. Yu, and H. Gehring	
Inhibitory and structural studies of novel coenzyme-substrate analogs of human histidine decarboxylase	890-897
C. H. Cho, N. Parashurama, E. Y. H. Park, K. Suganuma, Y. Nahmias, J. Park, A. W. Tilles, F. Berthiaume, and M. L. Yarmush	
Homogeneous differentiation of hepatocyte-like cells from embryonic stem cells: applications for the treatment of liver failure	898-909
E. M. Khan, R. Lanir, A. R. Danielson, and T. Goldkorn	
Epidermal growth factor receptor exposed to cigarette smoke is aberrantly activated and undergoes perinuclear trafficking	910-917
R. L. Schmidt, T. R. Trejo, T. B. Plummer, J. L. Platt, and A. H. Tang	
Infection-induced proteolysis of PGRP-LC controls the IMD activation and melanization cascades in <i>Drosophila</i>	918-929
S. S. Fazel, L. Chen, D. Angoulvant, S.-H. Li, R. D. Weisel, A. Keating, and R.-K. Li	
Activation of c-kit is necessary for mobilization of reparative bone marrow progenitor cells in response to cardiac injury	930-940
ERRATUM	941

Cover Legend: Ernst Haeckel: Hexacoralla (cnidaria: anthazoa). Plate 69 from “Ernst Haeckel: Art Forms in Nature” (*Kunstformen der Natur*), 1904. Ernst Haeckel (1834–1919) was the German scientist who coined the phrase “ontogeny recapitulates phylogeny” and the terms “Darwinism” and “ecology.” Haeckel traveled far and wide, from Sicily to Ceylon, to the North Sea, and beyond. Sketchpads and watercolors accompanied his microscope wherever he went. His on-the-spot drawings of deep-sea vegetation, aquatic creatures, frogs, birds, and higher animals were turned into more than 1,000 engravings. From this treasure-trove, a selection of 100 colored lithographs was produced for publication in his *Kunstformen der Natur*. The work is considered one of the marvels of 19th century naturalist illustration. Haeckel described these coral stalks of Hexacorallia (current spelling) as exhibiting “*gröster Formenmannigfaltigkeit und Farbenpracht*” (the greatest variation in morphology and color display). These particular corals, the Zoantharia or *Sechsstrahlige Sternkorallen*, or six-pointed star corals, as Haeckel subtitled them, are found in most tropic regions of the world. Called Hexacorallia by virtue of their six-fold symmetry, they share this subclass with the delicate, many-tentacled anemones. The intricate life of coral is under increasing assault the world over by man-made pollutants and toxins; in like manner, noxious materials present in cigarette smoke threaten the *Formenmannigfaltigkeit und Farbenpracht* of our own, intracellular organelles (see page 910). From an exhibition, “Ernst Haeckel: Art Forms in Nature,” at the MBL/WHOI library, curated by Ann Weissmann (<http://www.mblwhoilibrary.org/haeckel>).