



Cover image: Pictured is a gray whale (*Eschrichtius robustus*) diving to dredge for food. Fossils suggest that around 150 species of cetaceans (whales, dolphins, and porpoises) were present 10 million years ago, whereas only 89 species exist today. H el ene Morlon et al. analyzed the molecular phylogeny of present-day cetaceans to infer their evolutionary history, and the authors confirmed the dramatic species loss suggested by the fossil record. Molecular approaches are critical for analyzing how diversity varies over evolutionary time, especially in groups or regions that lack a detailed fossil record. See the article by Morlon et al. on pages 16327–16332. Image courtesy of Minette Layne.

From the Cover

- 16327 Inferring diversity dynamics
- 16164 Evolution of cumulus clouds
- 16194 Fatherhood and testosterone levels
- 16247 X-ray crystallography at room temperature
- 16289 Sexual discrepancy in finger length

Contents

THIS WEEK IN PNAS

- 16135 In This Issue

LETTERS (ONLINE ONLY)

- E753 **Second- or third-party punishment? When self-interest hides behind apparent functional interventions**
Nicolas Baumard and Pierre Li enard
- E754 **Reply to Baumard and Li enard: Mechanistic accounts need to specify why reputation systems yield cooperative outcomes on observed scales**
Sarah Mathew and Robert Boyd
- E755 **Inappropriate model rejects independent domestications of *indica* and *japonica* rice**
Song Ge and Tao Sang
- E756 **Reply to Ge and Sang: A single origin of domesticated rice**
Jeanmaire Molina, Martin Sikora, Nandita Garud, Jonathan M. Flowers, Samara Rubinstein, Andy Reynolds, Pu Huang, Scott A. Jackson, Barbara A. Schaal, Carlos D. Bustamante, Adam R. Boyko, and Michael D. Purugganan



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COMMENTARIES

- 16137 **Neural circuits look forward**
Sebnem N. Tuncdemir and Gord Fishell
→ See companion article on page 15414 of issue 37 in volume 108
- 16139 **Hearing impairments hidden in normal listeners**
Shihab A. Shamma
→ See companion article on page 15516 of issue 37 in volume 108
- 16141 **The descent of a man's testosterone**
Peter B. Gray
→ See companion article on page 16194
- 16143 **Resolving the role of prenatal sex steroids in the development of digit ratio**
John T. Manning
→ See companion article on page 16289
- 16145 **Inferring speciation and extinction processes from extant species data**
Tanja Stadler
→ See companion article on page 16327

PNAS PLUS (AUTHOR SUMMARIES)


PHYSICAL SCIENCES

APPLIED PHYSICAL SCIENCES


- 16149 **An integrated model of fixational eye movements and microsaccades**
 Ralf Engbert, Konstantin Mergenthaler, Petra Sinn, and Arkady Pikovsky
→ See full research article on page E765 of www.pnas.org

BIOLOGICAL SCIENCES


MICROBIOLOGY

- 16147  **Phage auxiliary metabolic genes and the redirection of cyanobacterial host carbon metabolism**
Luke R. Thompson, Qinglu Zeng, Libusha Kelly, Katherine H. Huang, Alexander U. Singer, JoAnne Stubbe, and Sallie W. Chisholm
→ See full research article on page E757 of www.pnas.org

NEUROSCIENCE

- 16149  **An integrated model of fixational eye movements and microsaccades**
Ralf Engbert, Konstantin Mergenthaler, Petra Sinn, and Arkady Pikovsky
→ See full research article on page E765 of www.pnas.org

PHARMACOLOGY


- 16151  **Modulatory profiling identifies mechanisms of small molecule-induced cell death**
Adam J. Wolpaw, Kenichi Shimada, Rachid Skouta, Matthew E. Welsch, Uri David Akavia, Dana Pe'er, Fatima Shaik, J. Chloe Bulinski, and Brent R. Stockwell
→ See full research article on page E771 of www.pnas.org

PHYSICAL SCIENCES

APPLIED PHYSICAL SCIENCES

- 16153 **Compression and self-entanglement of single DNA molecules under uniform electric field**
Jing Tang, Ning Du, and Patrick S. Doyle
- 16235 **Directional persistence of chemotactic bacteria in a traveling concentration wave**
J. Saragosti, V. Calvez, N. Bournaveas, B. Perthame, A. Buguin, and P. Silberzan

CHEMISTRY

- 16159  **Dynamics and dissipation in enzyme catalysis**
Nicholas Boekelheide, Romelia Salomón-Ferrer, and Thomas F. Miller III

EARTH, ATMOSPHERIC, AND PLANETARY SCIENCES

- 16164 **Laboratory simulations show diabatic heating drives cumulus-cloud evolution and entrainment**
Roddam Narasimha, Sourabh Suhas Diwan, Subrahmanyam Duvvuri, K. R. Sreenivas, and G. S. Bhat


ENGINEERING

- 16170 **Liquid water can slip on a hydrophilic surface**
Tuan Anh Ho, Dimitrios V. Papavassiliou, Lloyd L. Lee, and Alberto Striolo

ENVIRONMENTAL SCIENCES

- 16176 **Hydrogen production from inexhaustible supplies of fresh and salt water using microbial reverse-electrodialysis electrolysis cells**
Younggy Kim and Bruce E. Logan

PHYSICS


- 16182  **Pulsed quantum optomechanics**
M. R. Vanner, I. Pikovski, G. D. Cole, M. S. Kim, Č. Brukner, K. Hammerer, G. J. Milburn, and M. Aspelmeyer

SOCIAL SCIENCES

ANTHROPOLOGY

- 16194 **Longitudinal evidence that fatherhood decreases testosterone in human males**
Lee T. Gettler, Thomas W. McDade, Alan B. Feranil, and Christopher W. Kuzawa
→ See Commentary on page 16141

ENVIRONMENTAL SCIENCES

- 16339  **piggyBac transposon remobilization and enhancer detection in *Anopheles* mosquitoes**
David A. O'Brochta, Robert T. Alford, Kristina L. Pilitt, Channa U. Aluvihare, and Robert A. Harrell II

PSYCHOLOGICAL AND COGNITIVE SCIENCES

- 16188 **Cortico-subcortical visual, somatosensory, and motor activations for perceiving dynamic whole-body emotional expressions with and without striate cortex (V1)**
Jan Van den Stock, Marco Tamietto, Bettina Sorger, Swann Pichon, Julie Grézes, and Beatrice de Gelder

SUSTAINABILITY SCIENCE

- 16313 **Predictive model for sustaining biodiversity in tropical countryside**
Chase D. Mendenhall, Cagan H. Sekercioglu, Federico Oviedo Brenes, Paul R. Ehrlich, and Gretchen C. Daily

BIOLOGICAL SCIENCES

ANTHROPOLOGY


- 16194 **Longitudinal evidence that fatherhood decreases testosterone in human males**
Lee T. Gettler, Thomas W. McDade, Alan B. Feranil, and Christopher W. Kuzawa
→ See Commentary on page 16141
- 16200 **CT-based study of internal structure of the anterior pillar in extinct hominins and its implications for the phylogeny of robust *Australopithecus***
Brian A. Villmoare and William H. Kimbel

APPLIED BIOLOGICAL SCIENCES

- 16206 **A protein therapeutic modality founded on molecular regulation**
Chapman M. Wright, R. Clay Wright, James R. Eshleman, and Marc Ostermeier

BIOCHEMISTRY

- 16212 **Discovery and structural characterization of a small molecule 14-3-3 protein-protein interaction inhibitor**
Jing Zhao, Yuhong Du, John R. Horton, Anup K. Upadhyay, Bin Lou, Yan Bai, Xing Zhang, Lupei Du, Minyong Li, Binghe Wang, Lixin Zhang, Joseph T. Barbieri, Fadlo R. Khuri, Xiaodong Cheng, and Haian Fu


16217  **Calpain interacts with class IA phosphoinositide 3-kinases regulating their stability and signaling activity**
Luisa Beltran, Claire Chaussade, Bart Vanhaesebroeck, and Pedro Rodriguez Cutillas

16223 **The conserved protein EF4 (LepA) modulates the elongation cycle of protein synthesis**
Hanqing Liu, Chunlai Chen, Haibo Zhang, Jaskiran Kaur, Yale E. Goldman, and Barry S. Cooperman

16229 **Crystal structure of amyloid precursor-like protein 1 and heparin complex suggests a dual role of heparin in E2 dimerization**
Yi Xue, Sangwon Lee, and Ya Ha


BIOPHYSICS AND COMPUTATIONAL BIOLOGY

16153 **Compression and self-entanglement of single DNA molecules under uniform electric field**
Jing Tang, Ning Du, and Patrick S. Doyle

16159  **Dynamics and dissipation in enzyme catalysis**
Nicholas Boekelheide, Romelia Salomón-Ferrer, and Thomas F. Miller III

16235 **Directional persistence of chemotactic bacteria in a traveling concentration wave**
J. Saragosti, V. Calvez, N. Bournaveas, B. Perthame, A. Buguin, and P. Silberzan

16241 **Structure and dynamics of a conformationally constrained nitroxide side chain and applications in EPR spectroscopy**
Mark R. Fleissner, Michael D. Bridges, Evan K. Brooks, Duilio Cascio, Tamás Kálai, Kálmán Hideg, and Wayne L. Hubbell

16247  **Accessing protein conformational ensembles using room-temperature X-ray crystallography**
James S. Fraser, Henry van den Bedem, Avi J. Samelson, P. Therese Lang, James M. Holton, Nathaniel Echols, and Tom Alber

16253 **Interhead tension determines processivity across diverse N-terminal kinesins**
Shankar Shastry and William O. Hancock

CELL BIOLOGY

16259 **Parkin, a p53 target gene, mediates the role of p53 in glucose metabolism and the Warburg effect**
Cen Zhang, Meihua Lin, Rui Wu, Xiaowen Wang, Bo Yang, Arnold J. Levine, Wenwei Hu, and Zhaohui Feng

16265 **Design and application of a class of sensors to monitor Ca²⁺ dynamics in high Ca²⁺ concentration cellular compartments**
Shen Tang, Hing-Cheung Wong, Zhong-Min Wang, Yun Huang, Jin Zou, You Zhuo, Andrea Pennati, Giovanni Gadda, Osvaldo Delbono, and Jenny J. Yang

16271 **Repressor transcription factor 7-like 1 promotes adipogenic competency in precursor cells**
Ana G. Cristancho, Michael Schupp, Martina I. Lefterova, Shengya Cao, Daniel M. Cohen, Christopher S. Chen, David J. Steger, and Mitchell A. Lazar


16277 **Thyroid-stimulating hormone induces a Wnt-dependent, feed-forward loop for osteoblastogenesis in embryonic stem cell cultures**
Ramkumarie Baliram, Rauf Latif, Joshua Berkowitz, Simon Frid, Graziana Colaiani, Li Sun, Mone Zaidi, and Terry F. Davies

16283 **GTP-dependent packing of a three-helix bundle is required for atlastin-mediated fusion**
Diana Pendin, Jessica Tosetto, Tyler J. Moss, Camilla Andrezza, Stefano Moro, James A. McNew, and Andrea Daga

DEVELOPMENTAL BIOLOGY

16289 **Developmental basis of sexually dimorphic digit ratios**
Zhengui Zheng and Martin J. Cohn
→ See Commentary on page 16143

16295 **Natural killer cells direct hemochorial placentation by regulating hypoxia-inducible factor dependent trophoblast lineage decisions**
Damayanti Chakraborty, M. A. Karim Rumi, Toshihiro Konno, and Michael J. Soares

16301  **Pubertal delay in male nonhuman primates (*Macaca mulatta*) treated with methylphenidate**
Donald R. Mattison, Tony M. Plant, Hui-Min Lin, Hung-Chia Chen, James J. Chen, Nathan C. Twaddle, Daniel Doerge, William Slikker, Jr., Ralph E. Patton, Charlotte E. Hotchkiss, Ralph J. Callcott, Steven M. Schrader, Terry W. Turner, James S. Kesner, Benedetto Vitiello, Dayton M. Petibone, and Suzanne M. Morris

16307 **Forkhead factor FoxO1 is essential for placental morphogenesis in the developing embryo**
Anwarul Ferdous, Jesse Morris, Mohammad Joynal Abedin, Shandon Collins, James A. Richardson, and Joseph A. Hill

ECOLOGY

16313 **Predictive model for sustaining biodiversity in tropical countryside**
Chase D. Mendenhall, Cagan H. Sekercioglu, Federico Oviedo Brenes, Paul R. Ehrlich, and Gretchen C. Daily

16317 **Different dispersal abilities allow reef fish to coexist**
Michael Bode, Lance Bode, and Paul R. Armsworth


16322 **A dilution effect in the emerging amphibian pathogen *Batrachochytrium dendrobatidis***
Catherine L. Searle, Lindsay M. Biga, Joseph W. Spatafora, and Andrew R. Blaustein

EVOLUTION

16327 **Reconciling molecular phylogenies with the fossil record**
Hélène Morlon, Todd L. Parsons, and Joshua B. Plotkin
→ See Commentary on page 16145

16333 **A radiation of arboreal basal eutherian mammals beginning in the Late Cretaceous of India**
Anjali Goswami, Guntupalli V. R. Prasad, Paul Upchurch, Doug M. Boyer, Erik R. Seiffert, Omkar Verma, Emmanuel Gheerbrant, and John J. Flynn



GENETICS

16339  **piggyBac transposon remobilization and enhancer detection in *Anopheles* mosquitoes**
David A. O'Brochta, Robert T. Alford, Kristina L. Pilitt, Channa U. Aluvihare, and Robert A. Harrell II



16345 **Cigarette smoking increases copy number alterations in nonsmall-cell lung cancer**
Yen-Tsung Huang, Xihong Lin, Yan Liu, Lucian R. Chirieac, Ray McGovern, John Wain, Rebecca Heist, Vidar Skaug, Shanbeh Zienoddiny, Aage Haugen, Li Su, Edward A. Fox, Kwok-Kin Wong, and David C. Christiani

- 16351 **A homing endonuclease and the 50-nt ribosomal bypass sequence of phage T4 constitute a mobile DNA cassette**
Richard P. Bonocora, Qinglu Zeng, Ethan V. Abel, and David A. Shub

IMMUNOLOGY


- 16357 **A subclass of acylated anti-inflammatory mediators usurp Toll-like receptor 2 to inhibit neutrophil recruitment through peroxisome proliferator-activated receptor γ**
 Elizabeth M. Long, Alexander C. Klimowicz, Heitor A. Paula-Neto, Brandie Millen, Donna-Marie McCafferty, Paul Kubes, and Stephen M. Robbins
- 16363 **Heat shock protein 90 (HSP90) contributes to cytosolic translocation of extracellular antigen for cross-presentation by dendritic cells**
 Takashi Imai, Yu Kato, Chiaki Kajiwara, Shusaku Mizukami, Ikuo Ishige, Tomoko Ichianagi, Masaki Hikida, Ji-Yang Wang, and Heiichiro Udono

MEDICAL SCIENCES

- 16369 **Hypoxia-inducible factor 1 is a master regulator of breast cancer metastatic niche formation**
Carmen Chak-Lui Wong, Daniele M. Gilkes, Huafeng Zhang, Jasper Chen, Hong Wei, Pallavi Chaturvedi, Stephanie I. Fraley, Chun-Ming Wong, Ui-Soon Khoo, Irene Oi-Lin Ng, Denis Wirtz, and Gregg L. Semenza
- 16375 **Superoxide dismutase 1 (SOD1) is a target for a small molecule identified in a screen for inhibitors of the growth of lung adenocarcinoma cell lines**
 Romel Somwar, Hediye Erdjument-Bromage, Erik Larsson, David Shum, William W. Lockwood, Guangli Yang, Chris Sander, Ouathék Ouerfelli, Paul J. Tempst, Hakim Djaballah, and Harold E. Varmus
- 16381 **Cellular mechanism of insulin resistance in nonalcoholic fatty liver disease**
 Naoki Kumashiro, Derek M. Erion, Dongyan Zhang, Mario Kahn, Sara A. Beddow, Xin Chu, Christopher D. Still, Glenn S. Gerhard, Xianlin Han, James Dziura, Kitt Falk Petersen, Varman T. Samuel, and Gerald I. Shulman
- 16386 **Aberrant AKT activation drives well-differentiated liposarcoma**
Alejandro Gutierrez, Eric L. Snyder, Adrian Marino-Enriquez, Yi-Xiang Zhang, Stefano Sioletic, Elena Kozakewich, Ruta Grebliunaite, Wen-bin Ou, Ewa Sicinska, Chandrajit P. Raut, George D. Demetri, Antonio R. Perez-Atayde, Andrew J. Wagner, Jonathan A. Fletcher, Christopher D. M. Fletcher, and A. Thomas Look
- 16392 **HER2 overcomes PTEN (loss)-induced senescence to cause aggressive prostate cancer**
Imran Ahmad, Rachana Patel, Lukram Babloo Singh, Colin Nixon, Morag Seywright, Robert J. Barnetson, Valerie G. Brunton, William J. Muller, Joanne Edwards, Owen J. Sansom, and Hing Y. Leung
- 16398 **Intermolecular transmission of superoxide dismutase 1 misfolding in living cells**
Leslie I. Grad, Will C. Guest, Anat Yanai, Edward Pokrishevsky, Megan A. O'Neill, Ebrima Gibbs, Valentyna Semenchenko, Masoud Yousefi, David S. Wishart, Steven S. Plotkin, and Neil R. Cashman

- 16404 **Heavy chain-only antibodies and tetravalent bispecific antibody neutralizing *Staphylococcus aureus* leukotoxins**
Benoît-Joseph Laventie, Hendrik Jan Rademaker, Maher Saleh, Ernie de Boer, Rick Janssens, Tristan Bourcier, Audrey Subilia, Luc Marcellin, Rien van Haperen, Joyce H. G. Lebbink, Tao Chen, Gilles Prévost, Frank Grosveld, and Dubravka Drabek

MICROBIOLOGY

- 16410 **Avenolide, a *Streptomyces* hormone controlling antibiotic production in *Streptomyces avermitilis***
 Shigeru Kitani, Kiyoko T. Miyamoto, Satoshi Takamatsu, Elisa Herawati, Hiroyuki Iguchi, Kouhei Nishitomi, Miho Uchida, Tohru Nagamitsu, Satoshi Omura, Haruo Ikeda, and Takuya Nihira
- 16416 **Autopsy series of 68 cases dying before and during the 1918 influenza pandemic peak**
Zong-Mei Sheng, Daniel S. Chertow, Xavier Ambroggio, Sherman McCall, Ronald M. Przygodzki, Robert E. Cunningham, Olga A. Maximova, John C. Kash, David M. Morens, and Jeffery K. Taubenberger

- 16422 **Lipolysis-stimulated lipoprotein receptor (LSR) is the host receptor for the binary toxin *Clostridium difficile* transferase (CDT)**
Panagiotis Papatheodorou, Jan E. Carette, George W. Bell, Carsten Schwan, Gregor Guttenberg, Thijn R. Brummelkamp, and Klaus Aktories

NEUROSCIENCE


- 16188 **Cortico-subcortical visual, somatosensory, and motor activations for perceiving dynamic whole-body emotional expressions with and without striate cortex (V1)**
Jan Van den Stock, Marco Tamietto, Bettina Sorger, Swann Pichon, Julie Grézes, and Beatrice de Gelder
- 16428 **Functional specificity for high-level linguistic processing in the human brain**
Evelina Fedorenko, Michael K. Behr, and Nancy Kanwisher
- 16434 **Nontelomeric splice variant of telomere repeat-binding factor 2 maintains neuronal traits by sequestering repressor element 1-silencing transcription factor**
Peisu Zhang, Rebecca Casaday-Potts, Patricia Precht, Haiyang Jiang, Yie Liu, Michael J. Pazin, and Mark P. Mattson
- 16440 **Motor pathway convergence predicts syllable repertoire size in oscine birds**
Jordan M. Moore, Tamás Székely, József Büki, and Timothy J. DeVoogd
- 16446 **Neuronal circuits underlying acute morphine action on dopamine neurons**
Marion Jalabert, Romain Bourdy, Julien Courtin, Pierre Veinante, Olivier J. Manzoni, Michel Barrot, and François Georges

- 16451 **The period of the circadian oscillator is primarily determined by the balance between casein kinase 1 and protein phosphatase 1**
Hyeong-min Lee, Rongmin Chen, Hyukmin Kim, Jean-Pierre Etchegaray, David R. Weaver, and Choogon Lee

PHYSIOLOGY

- 16457 **Myeloid-specific estrogen receptor α deficiency impairs metabolic homeostasis and accelerates atherosclerotic lesion development**
Vicent Ribas, Brian G. Drew, Jamie A. Le, Teo Soleymani, Pedram Daraei, Daniel Sitz, Laila Mohammad, Darren C. Henstridge, Mark A. Febbraio, Sylvia C. Hewitt, Kenneth S. Korach, Steven J. Bensinger, and Andrea L. Hevener

PLANT BIOLOGY

- 16463 **Expanded functions for a family of plant intracellular immune receptors beyond specific recognition of pathogen effectors**
 Vera Bonardi, Saijun Tang, Anna Stallmann, Melinda Roberts, Karen Cherkis, and Jeffery L. Dangl
- 16469 **Coincident light and clock regulation of *pseudoreponse regulator protein 37 (PRR37)* controls photoperiodic flowering in sorghum**
Rebecca L. Murphy, Robert R. Klein, Daryl T. Morishige, Jeff A. Brady, William L. Rooney, Frederick R. Miller, Diana V. Dugas, Patricia E. Klein, and John E. Mullet
- 16475 **Integration of low temperature and light signaling during cold acclimation response in *Arabidopsis***
Rafael Catalá, Joaquín Medina, and Julio Salinas

CORRECTIONS

COMMENTARY

- 16481 **Transcription factor RBPJ/CSL: A genome-wide look at transcriptional regulation**
Lucio Miele

GEOLOGY

- 16481 **Progressive Cenozoic cooling and the demise of Antarctica's last refugium**
John B. Anderson, Sophie Warny, Rosemary A. Askin, Julia S. Wellner, Steven M. Bohaty, Alexandra E. Kirshner, Daniel N. Livsey, Alexander R. Simms, Tyler R. Smith, Werner Ehrmann, Lawrence A. Lawver, David Barbeau, Sherwood W. Wise, Denise K. Kulhenek, Fred M. Weaver, and Wojciech Majewski

EVOLUTION

- 16481 **Evolution of the mitochondrial fusion–fission cycle and its role in aging**
Axel Kowald and Tom B. L. Kirkwood

IMMUNOLOGY

- 16481 **Unique structure of iC3b resolved at a resolution of 24 Å by 3D-electron microscopy**
Martin Alcorlo, Ruben Martínez-Barricarte, Francisco J. Fernández, César Rodríguez-Gallego, Adam Round, M. Cristina Vega, Claire L. Harris, Santiago Rodríguez de Cordoba, and Oscar Llorca

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