

CONTENTS

8 January 2015 / Vol 517 / Issue No 7533

THIS WEEK

EDITORIALS

121 HEALTH

Reasons to be cheerful
Brand new antibiotic opens 2015 on optimistic note

121 PODCAST

Listen up
Audiofile series puts sound at the heart of science

WORLD VIEW

123 Economic divide taking toll on European science

Colin Macilwain
The Horizon 2020 programme poses a brain-drain threat for southern Europe

RESEARCH HIGHLIGHTS

124 SELECTIONS FROM THE SCIENTIFIC LITERATURE

Advanced muscle sensor / Salmon take the heat / Treatment for EV-D68 virus / Word versus LaTeX / Lemurs on the way out / Senescent cells promote healing



SEVEN DAYS

126 THE NEWS IN BRIEF

NASA brings down research balloon / Status of monarch butterfly under review / Source of 'stressed' stem cells / arXiv hosts millionth preprint

CAREERS

231 OUTREACH

Speak up for science
The right tone is key to conveying a scientific message effectively — especially if what you have to say is controversial

233 CAREER BRIEFS

NEWS IN FOCUS



127 POLITICS

Austerity threatens to turn Greek science into tragedy

128 GENETICS

Sequence or analyse? That is the question facing cancer researchers as atlas project reaches end

129 OCEANOGRAPHY

South Korean ships expand focus from sea bed to marine science

130 DRUG DEVELOPMENT

Ketamine quits the dance floor for fresh role in treating depression

FEATURES

132 HEALTH

The insurmountable gulf

The ongoing fight over Gulf War illness, 24 years after the conflict ended



ENVIRONMENT

Pollution patrol

Meet the citizens keeping tabs on air quality with the next wave of personal devices **PAGE 136**

COMMENT

IMMUNOLOGY

Fifty years of B cells

How a class of adaptive immune cells changed medicine

PAGE 139



BOOKS & ARTS

142 MINERALOGY

Painful extractions
Andrew Bloodworth

143 BOOKS IN BRIEF



144 RESOURCES

Silt, dams and hydraulic heroes
Philip Ball

CORRESPONDENCE

145 Peer-review business proposition / Pollution in China / Work done by the International Council for Science



FUTURES

236 **The descent of man**
Christoph Weber

CONTENTS

8 January 2015 / Vol 517 / Issue No 7533

RESEARCH

NEW ONLINE

147 Papers published this week at nature.com

NEWS & VIEWS

148 OCEAN BIOGEOCHEMISTRY

Carbon at the coastal interface

The global coastal ocean is a smaller carbon sink than was thought
Nicolas Gruber

149 BIOPHYSICS

Enzymes surf the heat wave

Dissipation of the heat of catalysis can increase enzyme diffusion
A Joshua Wand **SEE LETTER P.227**

150 CLIMATE SCIENCE

Unburnable fossil-fuel reserves

The regional distribution of fossil-fuel reserves that should not be used
Michael Jakob & Jérôme Hilaire
SEE LETTER P.187

152 CANCER

Resistance through repopulation

Prostaglandin E₂ stimulates proliferation of tumour stem cells
Ian F Tannock **SEE LETTER P.209**

153 QUANTUM INFORMATION

Spin memories in for the long haul

Nuclear-spin systems with a six-hour quantum lifetime
John J L Morton & Klaus Mølmer
SEE LETTER P.177

155 REGENERATIVE BIOLOGY

The versatile and plastic liver

Hepatocyte-derived progenitor cells can repopulate damaged livers
Meritxell Huch

156 NEUROSCIENCE

A three-dimensional neural compass

Head-direction cells in the brains of bats track direction in three dimensions
David C Rowland & May-Britt Moser
SEE ARTICLE P.159

ARTICLES

159 **NEUROSCIENCE** Three-dimensional head-direction coding in the bat brain
A Finkelstein et al. **SEE N&V P.156**

165 **MICROBIOLOGY** Human gut Bacteroidetes can utilize yeast mannan through a selfish mechanism
F Cuskin et al.



ON THE COVER

Fuse it or lose it

After injury to the nervous system in the nematode *Caenorhabditis elegans*, an axon sprouts new growth towards its detached segment; a membrane-tethered fluorophore is shown in blue and the cytoplasm is shown in magenta. Massimo Hilliard and colleagues have analysed a highly efficient means of neural regeneration known as axonal fusion, in which separated axon segments are able to spontaneously reconnect and fuse to restore the original circuitry. **PAGE 219**

170 **MICROBIOLOGY** Glutathione activates virulence gene expression of an intracellular pathogen
M L Reniere et al.

LETTERS

174 **ASTRONOMY** The temperature and chronology of heavy-element synthesis in low-mass stars
P Neyskens et al.

177 **QUANTUM PHYSICS** Optically addressable nuclear spins in a solid with a six-hour coherence time
M Zhong et al. **SEE N&V P.153**

181 **ORGANIC CHEMISTRY** High-value alcohols and higher-oxidation-state compounds by catalytic Z-selective cross-metathesis
M J Koh et al.

187 **CLIMATE SCIENCES** The geographical distribution of fossil fuels unused when limiting global warming to 2 °C
C McGlade & P Ekins **SEE N&V P.150**

191 **VOLCANOLOGY** Segmented lateral dyke growth in a rifting event at Bárðarbunga volcanic system, Iceland
F Sigmundsson et al.

196 **EVOLUTION** Copulation in antiarch placoderms and the origin of gnathostome internal fertilization
J A Long et al.

200 **NEUROSCIENCE** Calcium transient prevalence across the dendritic arbour predicts place field properties
M E J Sheffield & D A Dombeck

205 **INFECTIOUS DISEASES** Precision microbiome reconstitution restores bile acid mediated resistance to *Clostridium difficile*
C G Buffie et al.

209 **CANCER** Blocking PGE₂-induced tumour repopulation abrogates bladder cancer chemoresistance
A V Kurtova et al. **SEE N&V P.152**

214 **IMMUNOLOGY** T-B-cell entanglement and ICOSL-driven feed-forward regulation of germinal centre reaction
D Liu et al.

219 **CELL BIOLOGY** EFF-1-mediated regenerative axonal fusion requires components of the apoptotic pathway
B Neumann et al.

223 **STRUCTURAL BIOLOGY** Allosteric activation of the RNF146 ubiquitin ligase by a poly(ADP-ribosylation) signal
P A DaRosa et al.

227 **BIOPHYSICS** The heat released during catalytic turnover enhances the diffusion of an enzyme
C Riedel et al. **SEE N&V P.149**

EVOLUTION

Close call

Hypothetical mating *Microbrachius*, with the male to the right. **PAGE 196**



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B. CHOO