NEWS

IN BRIEF
108 Roundup of the week’s news

IN DEPTH
111 LASER FUSION, WITH A DIFFERENCE
Europe’s Laser Mégajoule project blazes its own trail toward nuclear ignition
By D. Clery

113 U.S. PATENT OFFICE REWORKS UNPOPULAR POLICY
New guidelines lower the barrier for patenting products derived from nature, quelling some biotech fears
By K. Servick

114 A SOFT APPROACH KICK-STARTS CYBERNETIC IMPLANTS
Mimicking real tissue, novel materials lead to flexible electrode implants that help paralyzed animals walk again
By R. F. Service
▶ REPORT P. 159

115 AIR FORCE TURNS A KEEN EYE ON SPACE JUNK
Flood of data from new “space fence” radar may overwhelm some satellite operators
By I. Loomis

116 BEYOND THE TURING TEST
Concluding that there is no one test for machine intelligence, AI researchers develop a battery of research challenges
By J. You

FEATURES

117 SALVAGING SCIENCE
Underwater archaeologist Charles Beeker works to preserve famous wrecks as museums
By M. Bawaya

120 ON THE TRAIL OF CONTAGION
One team’s quest to find a potential Ebola case in Liberia reveals how difficult it will be to end the epidemic
By K. Kupferschmidt

122 SOLVING IMPERFECT-INFORMATION GAMES
The smallest common poker game, two-player limit Texas Hold’em, is essentially solved
By T. Sandholm
▶ RESEARCH ARTICLE P. 145

124 PRESCRIBING SPlicing
A model predicts the impact of variations in the human genome on RNA splicing and disease
By R. Guigó and J. Valcárcel
▶ REPORT P. 149

125 COPING WITH OXIDATIVE STRESS
A crystal structure helps to explain how cells detoxify
By U. Krengel and S. Törnroth-Horsefield
▶ REPORT P. 178

INSIGHTS

PERSPECTIVES

128 MAKING SENSE OF AMINO ACID SENSING
Biochemically and spatially diverse intracellular mechanisms couple the activity of a cell growth regulatory complex to the availability of amino acids
By R. T. Abraham
▶ REPORTS PP. 188 & 194

131 USING ALL ENERGY IN A BATTERY
Controlled electrode structure improves energy utilization
By N. J. Dudney and J. Li
▶ REPORT P. 149

133 CHINA’S AQUACULTURE AND THE WORLD’S WILD FISHERIES
Curbing demand for wild fish in aquafeeds is critical
By L. Cao et al.

BOOKS ET AL.

136 CHRONIC DISEASE IN THE TWENTIETH CENTURY
By G. Weisz, reviewed by P. Weindling

137 THE MEANING OF HUMAN EXISTENCE
By E. O. Wilson, reviewed by S. R. Wolf

138 THE PERIPHERAL
By W. Gibson, reviewed by G. Riddihough

LETTERS

139 RETRACTION
By M. Loretz et al.

139 PROTECTING COFFEE FROM INTENSIFICATION
By R. Aerts et al.

Science Staff..............................................106
New Products............................................. 199
Science Careers...........................................200
Mutations that misregulate splicing cause disease

By K. Selvarajoo

MOVING TOWARD DATA ON SOIL CHANGE

By D. A. Robinson

RESEARCH ARTICLES

IN BRIEF

From Science and other journals

144 RNA SPlicing

The human splicing code reveals new insights into the genetic determinants of disease H. Y. Xiong et al.

RESEARCH ARTICLE SUMMARY; FOR FULL TEXT: dx.doi.org/10.1126/science.1254806

145 COMPUTER SCIENCE

 Heads-up limit hold’em poker is solved M. Bowling et al.

146 BATTERIES

In situ visualization of Li/Ag₂VP₂O₈₀ batteries revealing rate-dependent discharge mechanism K. Kirshenbaum et al.

148 MATERIALS SCIENCE

Assembly of micro/nanomaterials into complex, three-dimensional architectures by compressive buckling S. Xu et al.

149 BATTERIES

Recycling of a vanadium redox flow battery cell by alternating proton translocation and hydride transfer J. H. Leung et al.

150 EARTH HISTORY

U-Pb geochronology of the Deccan Traps and relation to the end-Cretaceous mass extinction B. Schoene et al.

153 GUT MICROBIOTA

Opposite effects of anthelmintic treatment on microbial infection at individual versus population scales V. O. Ezenwa and A. E. Jolles

154 QUANTUM GASES

Differential regulation of mTORC1 by leucine and glutamine J. L. Jewell et al.

156 DNA REPAIR

Differential expression of DNA repair genes in human SC35 foci and in several specialized indexes. See pages 130 and 154 and see scim.ag/6218_vid for a related video.

157 DNA REPAIR

Differential expression of DNA repair genes in human SC35 foci and in several specialized indexes. See pages 130 and 154 and see scim.ag/6218_vid for a related video.

158 METABOLISM

Lyosomal amino acid transporter SLC38A9 signals arginine sufficiency to mTORC1 S. Wang et al.

159 BIOMATERIALS

Electronic dura mater for long-term multimodal neural interfaces I. R. Minev et al.

160 SCIENCE NEWS

NEWS STORY P. 114

PERSPECTIVE P. 124

PERSPECTIVE P. 128

PERSPECTIVE P. 127

PERSPECTIVE P. 125

PERSPECTIVE P. 128

ON THE COVER

Computational results for the dynamic transformation of a planar, two-dimensional structure into an extended, three-dimensional open framework. Controlled buckling follows from compressive forces that act at precise locations across the structure upon release of prestrain in an elastomeric substrate. This example uses microscale ribbons of silicon, with potential applications in electronic circuits, battery anodes, photodetectors, and other semiconductor devices. See pages 130 and 154 and see scim.ag/6218_vid for a related video. Illustration: John Rogers, Yihui Zhang, and C. Bickel/Science
Science 347 (6218), 107-206.

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