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**Laminar shear stress acts as a switch to regulate divergent functions of NF-κB in endothelial cells**

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**The ABC transporter BCRP/ABCG2 is a placental survival factor, and its expression is reduced in idiopathic human fetal growth restriction**

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**Identification of polymorphisms in the human 11beta-hydroxysteroid dehydrogenase type 2 gene promoter: functional characterization and relevance for salt sensitivity**

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VEGF-R blockade causes endothelial cell apoptosis, expansion of surviving CD34+ precursor cells and transdifferentiation to smooth muscle-like and neuronal-like cells

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Demonstrating the C-terminal boundary of the HIV 1 fusion conformation in a dynamic ongoing fusion process and implication for fusion inhibition

β-Cardiotoxin: a new three-finger toxin from Ophiophagus hannah (king cobra) venom with beta-blocker activity

Retinol-binding protein-4 attenuates insulin-induced phosphorylation of IRS1 and ERK1/2 in primary human adipocytes

Phosphorylation of the tumor suppressor p33ING1b at Ser-126 influences its protein stability and proliferation of melanoma cells

Mice lacking P2Y2 receptors have salt-resistant hypertension and facilitated renal Na+ and water reabsorption

Regulation of apoptosis signal-regulating kinase 1 degradation by Gα13

VEGF overexpression via adeno-associated virus gene transfer promotes skeletal muscle regeneration and enhances muscle function in mdx mice

The transient receptor potential vaniloid 1 (TRPV1) receptor protects against the onset of sepsis after endotoxin

Acetyl-L-carnitine and α-lipoic acid supplementation of aged beagle dogs improves learning in two landmark discrimination tests

Interleukin-6 is a potent growth factor for ER-α-positive human breast cancer

Errata (continued)
Cover Legend: *Testudo radiata*, Plate 8, from Sowerby, Lear, Gray, “Tortoises, Terrapins and Turtles,” Henry Sotheran, Joseph Baer and Co., London, 1872. The cast of characters who created this rare folio of 60 hand-colored lithographs constitutes a Who’s Who of 19th century British science. James de Carle Sowerby (1787–1871), mineralogist, secretary of the Royal Botanic Society, a friend of Michael Faraday, and student of Humphrey Davy, created 40 uncolored drawings for a series of monographs about the Testudinata, published 1836–1842 by Thomas Bell, president and chair of the Linnaean Society of Britain. When Bell’s venture failed, holdings of his company were purchased at an auction, and the new publishers carried on the unfinished work. Additional plates and text were commissioned. Edward Lear (1812–1888) turned Sowerby’s drawings and 20 fresh illustrations into hand-colored lithographs. John Edward Gray (1800–1875), botanist and keeper of the zoological collection of the British Museum for more than 35 years, and a prolific writer with 1162 entries about scientific and social issues, added texts. Of this group of scientists, the most surprising is Edward Lear. His specialty was parrots, and although an unofficial artist-in-residence at the London Zoo, he published a widely acclaimed monograph, *Illustrations of the Family of Psittacidae, or Parrots* in 1832. He also produced 68 plates and many of the foregrounds for John Gould’s famous *Birds of Europe* from 1832 to 1837. Despite his expertise as scientist, lithographer, and landscape artist, Lear is best known as the man who popularized the limerick and as the author of a series of books of nonsense rhymes for children, most notably, “The Owl and the Pussycat.” Lear’s remarkable skill as artist and lithographer is exemplified in the vividly colored, highly striated shell of the Madagascar Tortoise on the cover. Image courtesy of the MBL/WHOI Library (www.mblwhoilibrary.org), Woods Hole, MA, USA. Text by Ann Weissmann, exhibit curator.