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Cover Legend: Coelenterata (Hydromedusae, Acalephae) from Wandtafeln (Wall Charts) by Karl Georg Friedrich Rudolf Leuckart (1822–1898). Leuckart, the “Father of Parasitology” was also a pioneer of 19th century zoology. After earning an M.D. from Gottingen in 1845, he became a Professor of Zoology at Leipzig in 1869. He contributed greatly to the newly established field of animal systematics, dividing Cuvier’s Radiata into two new groups: Echinodermata and Coelenterata. In parasitology, Leuckart is best known for studies of vertebrate infections, chiefly tapeworm and trichinosis. Leuckart and von Zenker documented the life cycle of *Trichinella spiralis* in hogs and men. This led Rudolf Virchow to establish the first meat inspection laws in Germany. Leuckart’s Wandtafeln, produced from 1877 to 1892, were used worldwide as teaching aids. Coelenterata, meaning “hollow guts” are essentially a sac with a digestive tract. Numerous tentacles trap their prey and sweep it into the open stoma at the center of the body. Although Coelenterata differ widely in habitat and morphology, they dispose of their victims in similar fashion. In this issue we learn that filoviruses, like Marburg and Ebola, disarm their host by means of glycopeptides first identified in HIV (Implication of a retrovirus-like glycoprotein peptide in the immunopathogenesis of Ebola and Marburg viruses, by Kavitha Yaddanapudi, Gustavo Palacios, Jonathan S. Towner, Ivy Chen, Carlos A. Sariol, Stuart T. Nichol, and W. Ian Lipkin, pages 2519–2530). From an exhibit curated by Ann Weissman at the MBLWHOI Library: http://www.mblwhoilibrary.org/exhibits/leuckart/virtual_tour/coelenterata.html.

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The last section of this month’s journal is devoted to summaries of full-length research communications that appeared on the *FJ* website in October 2006. These author-prepared summaries highlight the most important features of the full-length manuscript and, unlike conventional abstracts, offer a limited amount of experimental data supplemented by a schematic diagram. Many readers will find it more convenient to scan these synopses before reading the entire article online. Subscribers to the journal can access the complete study by using the URL address printed near the top of the first page of each summary.