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  - Editors: Quan Dong Nguyen (Omaha, Nebr.); Rodrigues, E.B. (São Paulo); Farah, M.E. (São Paulo); Mieler, W.F. (Chicago, Ill.); Do, D.V. (Omaha, Nebr.)
  - XVI + 408 p., 83 fig., 71 in color, 33 tab., hard cover, 2016
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  - Editors: O. Michielin, O.; Coukos, G. (Lausanne)
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Karger titles which received awards in previous BMA Medical Book Competitions

- **Olszewski and Baxter’s Cytoarchitecture of the Human Brainstem**
  - Editors: J.A. Baxter-Ennever, A.K.E. Horn
  - 3rd, revised and extended edition

- **Paediatric Bronchoscopy**
  - Editors: J. Eber, K.N. Priftis, M.B. Anthracopoulos, A.C. Koumbourlis, R.E. Wood

- **Macular Edema: A Practical Approach**
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In well-referenced chapters, experts cogently and concisely explain
how the incorporation of gender issues into research can affect
the medical understanding and treatment of heart disease, osteopo-
rosis, arthritis, pain as well as malaria among other conditions.
This intriguing and unique medical textbook provides readers with
a valuable new perspective on how to incorporate gender issues
into the different branches of medicine.

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A new vision to understanding medicine

Handbook of Clinical Gender Medicine

Judith E. Campisi (La Jolla, Calif.),
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Jeffrey L. Jr. Lane (St. Louis, Mo.).

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This intriguing and unique medical textbook provides readers with
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A valuable update on the multifaceted functions of the PTS

PTS50 - The Prokaryotic Phosphoenolpyruvate: Sugar Phosphotransferase System
50 Years After Its Discovery

Editor
Milton H. Saier

In 1964 Saul Roseman first described the phosphotransferase system (PTS) – a novel sugar-phosphorylating system in Escherichia coli. This compendium results from an international meeting held in Göttingen, Germany, during the summer of 2014 to commemorate the 50th anniversary of its discovery. A number of active researchers with a focus on the PTS reported their most recent findings concerning the structures, functions, mechanisms of action and physiological consequences of this complex system. The numerous aspects of the PTS, including a discussion regarding its impact on bacterial physiology, pathogenesis and ecology, are presented in this up-to-date compendium, which will provide a valuable source of information for many years to come.

Researchers, students and teachers of the physiology of archaebacteria and bacteria will find this compendium an essential source of reference. Additionally, biochemists and geneticists interested in the functions and mechanisms of complex enzymes, transport or regulatory systems in microbes will be fascinated by the complexity of the PTS.

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The Journal of Innate Immunity is a bimonthly journal covering all aspects within the area of innate immunity, including evolution of the immune system, molecular biology of cells involved in innate immunity, pattern recognition and signals of ‘danger’, microbial corruption, host response and inflammation, mucosal immunity, complement and coagulation, sepsis and septic shock, molecular genomics, and development of immunotherapies. The journal publishes original research articles, short communications, reviews, commentaries and letters to the editors. In addition to regular papers, some issues feature a special section with a thematic focus.

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