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Salem Press Announces the Sixth Volume in A Brand-New Series, *Principles of Biology*

Salem Press is pleased to add *Principles of Biology* to its collection, the Sixth of Eight planned titles in a new *Principles of* series: Chemistry, Physics, Astronomy, Computer Science, Biology, Physical Science, Sustainability, and Scientific Research. This new resource introduces students and researchers to the fundamentals of biology using easy-to-understand language, giving readers a solid start and deeper understanding and appreciation of this complex subject.

Edited by Christina A. Crawford, Assistant Director for Biology and Life Sciences of the Rice Office of STEM Engagement, this reference work begins with a comprehensive introduction to the field. It underscores the essential characteristics of living things, what Biology is and the history of the study of biology. Crawford also details the vast fields of science that fall under the umbrella of biology and how they are defined.

This edition includes 112 entries ranging from Activation Energy to Zoology. All entries are arranged in an A to Z order, making it easy to find the topic of interest. Each entry includes related fields of study to illustrate the connections between the various branches of biology, including biochemistry, anthropology, reproduction science, physics, and classical genetics; a brief, concrete summary of the topic and how the entry was organized; principal terms that are fundamental to the discussion and to understanding the concepts presented; illustrations that clarify difficult concepts via models, diagrams, and charts of such key topics as cell communication, cell and tissue engineering, and DNA and RNA synthesis; and biography lists that relates to the entry. Entries in *Principles of Biology* range from one to five pages in length. Topics discussed include:

- Cell Types
- Cloning
- Cryogenics
- Demographics
- Diffusion
- Digestion
- Embryology
- Evolution
- Fertilization
- Gene Flow
- Growth
- Hematology
- Hominids
- Placental Mammals
- Toxicology
- Plus much, much more!

The book's back matter is another valuable resource which includes **The Last Twenty Years of Nobel Prize Winners in Biological Studies, Body Systems, a Bibliography, and a Subject Index.**

The *Principles of* series offer students and researchers an easy-to-understand introduction to the major principles of Chemistry, Astronomy, Physics, Computer Science, Physical Science, and More. These new resources will be a helpful tool for students and researchers who are just beginning their studies of science and need a solid background of the key terms and elements in the field. A must have for all high school and undergraduate science programs.

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Principles of Biology

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