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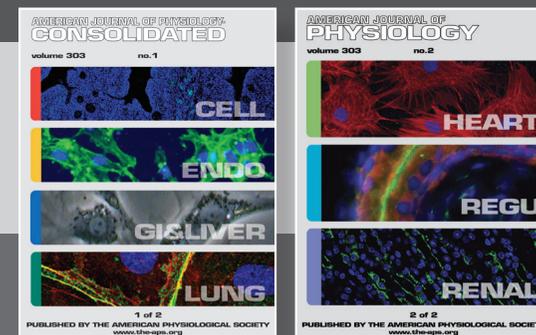
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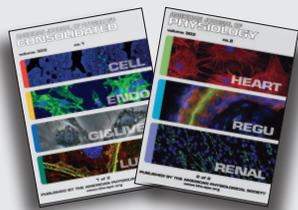
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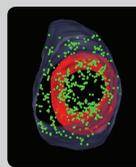
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**EDITOR-IN-CHIEF: Charles Lang, Ph.D.**

eISSN: 1522-1555

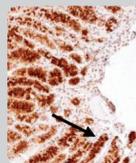
Published online, twice monthly.

Printed monthly in the consolidated version of *AJP*.

The *American Journal of Physiology–Endocrinology and Metabolism* publishes original, mechanistic studies on the physiology of endocrine and metabolic systems.

Molecular, subcellular, and cellular studies in whole animals or humans will be considered. Specific themes include, but are not limited to, mechanisms of hormone and growth factor action; regulation of metabolism and energy balance; integrative organ cross talk; paracrine and autocrine control of endocrine cell performance; function and activation of hormone receptors; endocrine or metabolic control of channels, transporters and membrane function; differentiation of endocrine and reproductive cell function; temporal analysis of hormone secretion and metabolism; and mathematical/kinetic modeling and analysis of hormone action or metabolism. Novel molecular, immunological, or biophysical studies of hormone action are also welcome.

## American Journal of Physiology– Gastrointestinal and Liver Physiology®



**EDITOR-IN-CHIEF: Nigel Bunnett, Ph.D.**

eISSN: 1522-1547

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The *American Journal of Physiology–Gastrointestinal and Liver Physiology* publishes original articles pertaining to all aspects of research involving normal or abnormal function of the

gastrointestinal tract, hepatobiliary system, and pancreas. Authors are encouraged to submit manuscripts dealing with growth and development, digestion, secretion, absorption, metabolism, and motility relative to these organs, as well as research reports dealing with immune and inflammatory processes and with neural, endocrine, and circulatory control mechanisms that affect these organs. Reports of research utilizing molecular biological, cell biological, immunological, biochemical, and morphological approaches that contribute to knowledge of normal physiology or pathophysiology of these organs are especially welcomed. Research ranging from molecular and cellular events to whole animal studies and translational studies in human samples is appropriate.

## American Journal of Physiology– Lung Cellular and Molecular Physiology®



**EDITOR-IN-CHIEF: Sadis Matalon, Ph.D.**

eISSN: 1522-1504

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The *American Journal of Physiology–Lung Cellular and Molecular Physiology* publishes original research covering the broad scope of molecular, cellular,

and integrative aspects of normal and abnormal function of cells and components of the respiratory system. Areas of interest include conducting airways, pulmonary circulation, lung endothelial and epithelial cells, the pleura, neuroendocrine and immunologic cells in the lung, neural cells involved in control of breathing, and cells of the diaphragm and thoracic muscles. The processes to be covered in the Journal include gas-exchange, metabolic control at the cellular level, intracellular signaling, gene expression, genomics, macromolecules and their turnover, cell-cell and cell-matrix interactions, cell motility, secretory mechanisms, membrane function, surfactant, matrix components, mucus and lining materials, lung defenses, macrophage function, transport of salt, water and protein, development and differentiation of the respiratory system, and response to the environment.

## American Journal of Physiology–Regulatory, Integrative and Comparative Physiology®



**EDITOR-IN-CHIEF: Willis Samson, Ph.D.**

eISSN: 1522-1490

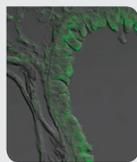
Published online, twice monthly.

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The *American Journal of Physiology–Regulatory, Integrative and Comparative Physiology* publishes original investigations that illuminate normal or abnormal

regulation and integration of physiological mechanisms at all levels of biological organization, ranging from molecules to humans, including clinical investigations. Major areas of emphasis include regulation in genetically modified animals; model organisms and comparative functional genomics; development and tissue plasticity; neurohumoral control of circulation and hypertension; local control of circulation; cardiac and renal integration; thirst and volume, electrolyte homeostasis; appetite and obesity, and inflammation and cytokines. The editors wish to attract papers from physiologists who are united by broad interests in regulation, integration, and homeostasis in health and in disease.

## American Journal of Physiology– Cell Physiology®



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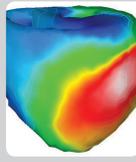
eISSN: 1522-1563

Published online, twice monthly.

Printed monthly in the consolidated version of *AJP*.

The *American Journal of Physiology–Cell Physiology* is dedicated to innovative approaches to the study of cell and molecular physiology. Contributions that use cellular and molecular approaches to shed light on mechanisms of physiological control at higher levels of organization also appear regularly. Manuscripts dealing with the structure and function of cell membranes, contractile systems, cellular organelles, and membrane channels, transporters, and pumps are encouraged. Studies dealing with integrated regulation of cellular function, including mechanisms of signal transduction, development, gene expression, cell-to-cell interactions, and the cell physiology of pathophysiological states, are also eagerly sought. Interdisciplinary studies that apply the approaches of biochemistry, biophysics, molecular biology, morphology, and immunology to the determination of new principles in cell physiology are especially welcome.

## American Journal of Physiology– Heart and Circulatory Physiology®



**EDITOR-IN-CHIEF: Irving Zucker, Ph.D.**

eISSN: 1522-1539

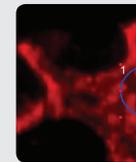
Published online, twice monthly.

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The *American Journal of Physiology–Heart and Circulatory Physiology* publishes original investigations on the physiology of the heart, blood vessels, and lymphatics,

including experimental and theoretical studies of cardiovascular function at all levels of organization ranging from the intact animal to the cellular, subcellular, and molecular levels. It embraces new descriptions of these functions and of their control systems, as well as their bases in biochemistry, biophysics, genetics, and cell biology. Preference is given to research that provides significant new insights into the mechanisms that determine the performance of the normal and abnormal heart and circulation.

## American Journal of Physiology– Renal Physiology®



**EDITOR-IN-CHIEF: Phillip Darwin Bell, Ph.D.**

eISSN: 1522-1466

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The *American Journal of Physiology–Renal Physiology* publishes original manuscripts on a broad range of subjects relating to the kidney, urinary tract, and their

respective cells and vasculature, as well as to the control of body fluid volume and composition. Studies may involve human or animal models, individual cell types, and isolated membrane systems. Authors are encouraged to submit reports on research using a wide range of approaches to the study of function in these systems, such as biochemistry, immunology, genetics, mathematical modeling, molecular biology, and physiological methodologies. Papers on the pathophysiological basis of disease processes of the kidney, urinary tract, and regulation of body fluids are also encouraged.