

Gasotransmitters are gas molecules produced endogenously in prokaryotic and eukaryotic cells for signalling purposes. This book provides, for the first time, a comprehensive description and systematic look at all gasotransmitters, established or proposed. The content and scope covers the production, metabolism, and signalling roles of gasotransmitters. Conceptual advances, scientific discoveries and newly developed techniques described in this book influence our understanding of fundamental molecular and cellular events in biology and medicine.

This book serves as the state-of-the-art guide for undergraduate and graduate students as well as post-doctoral fellows in biomedical disciplines and toxicologists studying the toxic mechanisms of gasotransmitters in the environment. It will also be welcomed by researchers in university and research institutes, government agencies, pharmaceutical and medical instrument industry, and clinical practice.

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Metallobiology

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