



ADVANCES IN BIOLOGICAL REGULATION

AUTHOR INFORMATION PACK

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DESCRIPTION

Advances in Biological Regulation (formerly *Advances in Enzyme Regulation*) reports cutting edge scientific progress on regulation at the molecular level, covering: The **molecular biology** of control of **gene expression** by hormones, drugs and growth factors in cancer cells and in clinical situations of metabolic diseases, inborn errors of metabolism and neoplasia. **Stem cell biology** and **regenerative medicine** issues **Regulatory networks**, mainly in cellular signalling, differentiation, cell cycle & growth control, structure-function relationships, cell fate and lineage commitment or assembly mechanisms in cells **Viruses**, or **supramolecular constructs**, and signaling mechanisms mediating transcription **Genomic, proteomic, bioinformatics** and **systems biology** approaches to identify and characterize steps of biological control in cells. Complex cellular, pathogenic, clinical, or animal **model systems** studied by biochemical, molecular, genetic, epigenetic or quantitative ultrastructural approaches

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