COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY - PART D: GENOMICS AND PROTEOMICS
An International Journal

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DESCRIPTION

**Comparative Biochemistry & Physiology (CBP)** publishes papers in comparative, environmental and evolutionary physiology.

**Part D: Genomics and Proteomics (CBPD)** focuses on “omics” approaches to physiology, including comparative and functional genomics, metagenomics, transcriptomics, proteomics, metabolomics, and lipidomics. Most studies employ “omics” and/or system biology to test specific hypotheses about molecular and biochemical mechanisms underlying physiological responses to the environment. We encourage papers that address fundamental questions in comparative physiology and biochemistry rather than studies with a focus that is purely technical, methodological or descriptive in nature. All four CBP journals support and follow the editorial direction from all the major societies in the field: Australia & New Zealand Society of Comparative Physiology and Biochemistry (ANZSCPB) American Physiological Society (APS) Canadian Society of Zoologists (CSZ) Deutsche Zoologische Gesellschaft (DZG) European Society of Comparative Physiology and Biochemistry (ESCPB) Japanese Society for Comparative Physiology and Biochemistry (JSCPB) South American Society for Comparative Physiology and Biochemistry (SASCPB) Societe de Physiologie (SDP) Society for Experimental Biology (SEB) Society for Integrative & Comparative Biology (SICB)

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IMPACT FACTOR

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INTRODUCTION

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Part A. Molecular and Integrative Physiology covers molecular, cellular, integrative, and ecological physiology. Topics include bioenergetics, circulation, development, excretion, ion regulation, endocrinology, neurobiology, nutrition, respiration, and thermal biology. Studies on regulatory mechanisms at any level or organization such as signal transduction and cellular interactions and control of behaviour are encouraged.

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Naturally, a certain degree of overlap exists between the different sections, and the final decision as to where a particular manuscript will be published after passing the rigorous review process lies with the editorial office.

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