DESCRIPTION

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

Part A: Molecular and Integrative Physiology (CBPA), focuses on physiological systems, including behavior, circulation, development, excretion, ion regulation, endocrinology, locomotory, nervous, nutrition, respiration, and thermal biology. Most studies address regulatory mechanisms and span multiple levels of biological organization.

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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Part B (CBPB): Biochemistry & Molecular Biology
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Part D (CBPD): Genomics & Proteomics
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Physiology and nutrition of aquacultured and wild fishes

**Judit Smits**, University of Saskatchewan, Saskatoon, Saskatchewan, Canada

Ecotoxicology

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Environmental physiology and toxicology of marine organisms, adaptation to environmental stressors, effects of environmental change

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Biochemical and physiological adaptation to physical and chemical stressors

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Hibernation metabolism

**Tomohiko Suzuki**, Kochi University, Kochi, Japan

Arginine and creatine kinase, oxygen binding proteins, molecular evolution

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Fish biology, receptors, fish migration, hormone control of osmoregulation, environmental adaptation, molecular evolution of fish

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Aquaculture, biological rhythm, circadian, coral reef, fish, gonadotropin, lunar cycle, melatonin, ovary, reproduction, sex steroids, tide, Internal and external regulation of enigmatic rhythms in fish and marine invertebrates, reproductive physiology, biological clock

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Fish chromosome manipulation, fish endocrinology, fish gonadal differentiation, fish sex control, fish breeding, fish population genetics

Tania Zenteno-Savín, Biological Research Centre of the Northwest, La Paz, Mexico
Oxidative stress
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INTRODUCTION
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The journal publishes original articles emphasizing comparative and environmental aspects of the physiology, biochemistry, molecular biology, pharmacology, toxicology and endocrinology of animals. Adaptation and evolution as organizing principles are encouraged. Studies on other organisms will be considered if approached in a comparative context.

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