**DESCRIPTION**

*Nutrition Research* publishes original research articles, communications, and reviews on basic and applied nutrition. The mission of *Nutrition Research* is to serve as the journal for global communication of nutrition and life sciences research on diet and health. The field of nutrition sciences includes, but is not limited to, the study of nutrients during growth, reproduction, aging, health, and disease.

Original research articles must declare a research hypothesis and include aspects of mechanisms. Reviews are open to systematic reviews and meta-analyses but the review must provide a critical analysis of existing nutrition evidence, identify gaps in knowledge, and include recommendations for future research. Communications are limited in length and preliminary data that addresses a potential mechanism is acceptable. Authors are encouraged to read and follow the [Guide for Authors](#) and [Author Submission Checklist](#)

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Another focus of the Journal is to publish research that advances the understanding of nutrients and health protectants in food for improving the human condition. Of interest are manuscripts on the development of biomarkers for assessing how dietary components influence health status in the human. A further publishing goal of *Nutrition Research* is to bridge the gap between clinicians working in nutrition and health and biomedical scientists engaged in areas of biochemistry and molecular and cell biology to improve health. Investigators doing research in these areas are urged to submit articles.

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INTRODUCTION

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Articles covering basic and applied research on all aspects of nutritional sciences are encouraged, including: nutritional biochemistry and metabolism; metabolomics, nutrient and gene interactions; nutrient requirements in health and disease; digestion and absorption; nutritional anthropology and epidemiology; the influence of socioeconomic and cultural factors on nutrition of the individual and the community; the impact of nutrient intake on disease response, work performance and behavior; the consequences of nutritional deficiency on growth and development, endocrine and nervous systems, and immunity; food intolerance and allergy; nutrient drug interactions; nutrition and aging; nutrition and cancer; obesity; diabetes; and intervention programs.

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The journal also encourages submission of manuscripts describing investigations in animal models and cell cultures that utilize methodologic approaches or techniques in biochemistry, immunology, molecular biology, toxicology, and physiology. Epidemiologic studies on nutrient and phytochemical intakes in human populations and novel analytical techniques for these compounds are within the scope of the mission for Nutrition Research.

Dr. Bruce A. Watkins, Editor-in-Chief (baw@purdue.edu or bawatkins@ucdavis.edu)
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