



Evidence-Based Complementary and Alternative Medicine

Special Issue on **Fruits and Nuts that Affect Human Health**

CALL FOR PAPERS

The nutritious attributes of fruits and vegetables have long been a cornerstone of a balanced diet. Fruit are seed-bearing structures that develop from the ovary of a flowering plant. Indeed, the food revolution we are currently seeing supports a movement away from processed products to natural wholesome food sources. Of particular interest, significant research energies over the last 20 years have devoted attention to various orchard crops. This research focus is yielding important insights into various fruit types including tree nuts, citrus, avocados, and pomegranates. This special issue will have a unifying theme of source material, specifically international orchard based fruits grown in California, Mediterranean, and certain Asian climates.

Reflecting on our density of institutions and scientists focusing on this topic, we propose this special issue. The aim of this volume is to advance innovative and evidence-based health promotion and wellness through the cultivation of nutritious foods and unique biomedical applications. The mission of eCAM would benefit.

This compendium will cover topics ranging from tannin chemistry and the phytochemical impact on the microbiome to potential use of fruit bioactives (i.e., extracts) as therapeutic agents in the fight against cancer, heart disease, and cognitive degeneration. Furthermore, this special issue will include scientific discussions on topics relevant to the fruit's bioactives. Relevant discussions may include the roles of bee pollination, soil biology, and irrigation in driving fruit phytochemistry. Although this volume will primarily focus on preclinical and human medical research, applicable basic science will be considered. Historical perspectives on the use of these fruit in medical and folk medicine may also be included. In this regard, original research and review articles are welcome.

Potential topics include, but are not limited to:

- ▶ Pomegranate ellagitannin impact on the mechanisms of human aging
- ▶ Vitamin E, phenolics, and flavonoids: how almonds impact DNA damage and oxidative stress
- ▶ Pistachios and eye health, leveraging xanthophyll carotenoids and tocopherols
- ▶ Anticancer effects of citrus peel flavonoids (Grapefruit, Lemon, Orange, etc.)
- ▶ Avocado phenolics as a treatment for hypertension, inflammatory conditions, and diabetes
- ▶ Cardiovascular health and chemopreventive properties of olive oil compounds
- ▶ Long term effects of polyunsaturated fats from walnuts on metabolism and diabetes

This strategic addition will significantly increase the number of interested researchers and create a compilation of biologically related topics.

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ecam/fnahh/>.

Lead Guest Editor

David Heber, University of California, Los Angeles, Los Angeles, USA
ecam@roll.com

Guest Editors

Ari M. Mackler, The Wonderful Company, Los Angeles, USA
ari.mackler@wonderful.com

Edwin L. Cooper, University of California, Los Angeles, Los Angeles, USA
ecam@mednet.ucla.edu

Carolyn Slupsky, University of California, Davis, Davis, USA
cslupsky@ucdavis.edu

Mònica Bulló, Universitat Rovira i Virgili, Reus, Spain
monica.bullo@urv.cat

Manuscript Due

Friday, 5 February 2016

First Round of Reviews

Friday, 29 April 2016

Publication Date

Friday, 24 June 2016