

Announcement
Review Focus on
Inorganic Nitrite and Nitrate in Cardiovascular Health and Disease
to be published in February, 2011

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Cardiovascular Research publishes occasional Review Focus Issues devoted largely to a specific research topic. These issues contain a number of expert reviews, and part of each issue is reserved for original research papers. All papers are subjected to the normal peer review process (an editorial decision is usually made within 22 days of receipt of any manuscript). The authors of accepted manuscripts are given the option of publication in a regular issue of the Journal or in the Review Focus issue.

A Review Focus on **inorganic nitrite and nitrate** is scheduled to appear in **February, 2011**, with the aim of reporting the most current research and clinical developments regarding nitrite/nitrate in cardiovascular health and pathophysiology. Inorganic nitrite and nitrate represent important storage reservoirs of nitric oxide that can be rapidly converted to nitric oxide through several mechanisms. Numerous recent advances have determined that these anions play critical roles in modulating cardiovascular function under several disease conditions and are important micronutrients for cardiovascular health. This special focus will provide a synopsis of nitrite/nitrate biology in cardiovascular systems and will identify key areas for future investigation.

Preliminary topics of **invited review articles** related to **inorganic nitrite and nitrate in cardiovascular health and disease** include:

1. Nitrite/nitrate and tissue oxygen consumption
2. Nitrite regulation of shock
3. Heme-dependent nitrite effects on blood flow
4. Nitrite therapy for pulmonary hypertension
5. Nitrite regulation of blood pressure
6. Cardioprotective effects of nitrite during exercise
7. Nitrite and peripheral vascular diseases

We invite you to contribute original manuscripts based on your research related to the above-mentioned topics to the upcoming Review Focus on inorganic nitrite and nitrate. Please select the article type "Spotlight Issue – Original Article" upon submission of your manuscript online.

Deadline for submission of manuscripts: **June 1, 2010**
Expected publication date: **February 1, 2011**