



## Special Issue on Rational Use of Antibiotics

### Call for Papers

Antibiotics are secondary metabolite produced by microorganism or higher plants and animals. It can interfere with other living cells' development functions. Usually, it is often used to inhibit bacterial growth or kills bacteria. Inappropriate antibacterial treatment and overuse of antibiotics have contributed to the emergence of antibacterial-resistant bacteria. Common forms of antibacterial misuse include excessive use of prophylactic antibiotics in travelers and failure of medical professionals to prescribe the correct dosage of antibacterials on the basis of the patient's weight and history of prior use. Other forms of misuse include failure to take the entire prescribed course of the antibacterial, incorrect dosage and administration, or failure to rest for sufficient recovery. Inappropriate antibacterial treatment, for example, is the prescription of antibacterials to treat viral infections such as the common cold. One study on respiratory tract infections found "physicians were more likely to prescribe antibiotics to patients who appeared to expect them". Multifactorial interventions aimed at both physicians and patients can reduce inappropriate prescription of antibiotics.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Rational Use of Antibiotics**.

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission, Prospective authors should submit an electronic copy of their complete manuscript through the journal [Paper Submission System](#).

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "*Special issue - Rational Use of Antibiotics*" should be chosen during your submission.

According to the following timetable:

Manuscript Due	November 14th, 2013
Publication Date	January 2014

**Guest Editor:**



For further questions or inquiries  
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