



## Special Issue on Superoxide Dismutase

### Call for Papers

**Superoxide Dismutases (SOD)** are enzymes that catalyze the dismutation of superoxide ( $O_2^-$ ) into oxygen and hydrogen peroxide. They are important antioxidant defense in nearly all cells exposed to oxygen. There are three major families of superoxide dismutase, depending on the metal cofactor, Cu/Zn type which binds both copper and zinc, Fe/Mn type which bind either iron or manganese, and the Ni type which binds nickel. They are widespread in the biological world, almost from all animals and plants. SOD is regarded as the most magic enzyme in life science and technology, the scavenger in the human body.

In this special issue, we are going to invite front-line researchers and authors to submit original research and review articles that explore **superoxide dismutase**. Potential topics include, but are not limited to:

- Superoxide dismutase in living organisms and their function
- Superoxide dismutase and disease
- Superoxide dismutase in pharmacological therapy
- Superoxide dismutase extraction
- Superoxide dismutase molecular structure
- Superoxide dismutase activity assay

Before submission authors should carefully read over the journal's Author Guidelines, which are located at [Authors' Guidelines](#). Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at [Paper Submission System](#) according to the following timetable:

Submission Deadline	August 29th, 2013
Publication Date	October 2013

### Guest Editor

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