

Special Issue on Detection of Tuberculosis Disease

Call for Papers

With an estimated 9 million new cases and 1.8 million deaths each year, tuberculosis remains one of the world's leading causes of morbidity and mortality. There is no effective vaccine but the disease is treatable with combination drug therapies. Cure rates are high, exceeding the World Health Organisation global target of 85% but unfortunately the proportion of cases detected remains low, with a global case detection rate of just 61%. The problem is particularly acute in sub-Saharan Africa where less than half of incident cases are detected. Delayed diagnosis is detrimental to the patient and frustrates control efforts as the pool of undiagnosed, untreated disease acts as a reservoir for onward transmission. Current tests for tuberculosis are either insensitive, slow or require specialist facilities that are not widely available. Improved case finding is a priority of the STOP TB partnership.

We invite authors to submit original research and review articles on novel tools or strategies to assist case finding. We are interested in detection of active disease and/or drug resistant forms of tuberculosis. We do not encourage articles addressing detection of latent disease. Potential topics include, but are not limited to:

- Discovery and validation of markers of active tuberculosis disease
- Advances in detection technologies
- Novel approaches to screening for TB disease
- Accuracy of new diagnostic tests
- Implementation of new tools or strategies for case detection
- Impact of rapid diagnostic tests: clinical, societal, or economic
- Methodologies for evaluating diagnostic tools for tuberculosis
- Rapid tests for drug resistance

Before submission authors should carefully read over the journal's Author Guidelines, which are located at <http://www.hindawi.com/journals/trt/guidelines.html>. Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at <http://mts.hindawi.com/> according to the following timetable:

Manuscript Due	March 15, 2011
First Round of Reviews	June 15, 2011
Publication Date	September 15, 2011

Lead Guest Editor

Ruth McNerney, Faculty of Infectious and Tropical Diseases, London School of Hygiene and Tropical Medicine, Keppel Street, London WC1E 7HT, UK; ruth.mcnerney@lshtm.ac.uk

Guest Editors

Richard O'Brien, Foundation for Innovative New Diagnostics (FIND), Avenue de Budé 16, 1202 Geneva, Switzerland; rick.obrien@finddiagnostics.org

Keertan Dheda, Divisions of Pulmonology and Clinical Immunology, Department of Medicine, University of Cape Town, Private Bag X3, Rondebosch 7701, South Africa; keertan.dheda@uct.ac.za