



Special Issue on Application of Quantitative Real-Time PCR

Call for Papers

A **real-time polymerase chain** reaction is a laboratory technique of molecular biology, which is used to amplify or simultaneously detect a targeted DNA molecule. Compared to standard PCR, its key feature is that the amplified DNA is detected as the reaction progresses in "real time". Diagnostic quantitative PCR can rapidly detect nucleic acids that are diagnostic of infectious diseases, cancer, genetic abnormalities, etc. The introduction of quantitative PCR assays to the clinical microbiology laboratory has significantly improved the diagnosis of infectious diseases. Thus it is not surprising that **Quantitative Real-Time PCR** has attracted researchers' attention continually.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **application of quantitative real-time PCR**. Potential topics include, but are not limited to:

- Basic principles and mechanism
- Types of quantitative PCR technique
- Quantitative PCR instruments
- Applications
- Limitations
- Genome research

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's [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 –Application of Quantitative Real-Time PCR**" should be chosen during your submission.

According to the following timetable:

Submission Deadline	March 12th, 2015
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