DESCRIPTION

Biomolecular Detection and Quantification (BDQ) is an open access, peer-reviewed international journal dedicated to championing excellence in molecular study design, measurement, data analysis and reporting. Its focus is on the application of qualitative and quantitative molecular methodologies to all areas of clinical and life sciences. The journal has two main aims: to provide a forum for discussion and recommendation of guidelines designed to improve the accuracy of molecular measurement, its data analysis and the transparency of its subsequent reporting; to publish molecular biology based studies that adhere to best practice guidelines, both current and future. BDQ was established by a group of scientists based on their experience developing and publishing the Minimum Information for Publication of Quantitative Real-Time (and Digital) PCR Experiments (the MIQE and digital MIQE guidelines). The deliberately broad scope of the journal covers clinical areas such as cancer, epigenetics, metagenomics, and infectious diseases as well non clinical subjects including environmental, microbiology and food science. BDQ revolves around the common theme of promoting excellence in molecular measurement and its data analysis. It will serve as a repository for sharing key findings across what may otherwise be disparate specialties.

BDQ is distinguished by its three highly respected founding editors and molecular methodology pioneers Carl Wittwer, Michael W. Pfaffl and Ron Cook, and an international editorial board comprised of experienced scientists with broad expert interest.

BDQ is published quarterly and includes: original research articles (both methodological and applied) short communications reviews editorials and comments points of view and perspective articles In conjunction to scientific meetings in the field special extra issues can be released.

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Scope:
Genetics Epigenetics Transcriptomics Proteomics Metabolomics Cancer Infectious diseases/ microbiology/virology Diagnostics

Keywords: molecular quantification, molecular diagnostics, standardization, standardization, metrology, dpcr, qpcr, ngs, rnaseq, biomarkers, microbiome, metagenomics, epigenetics, infectious disease
AUDIENCE

Scientists and clinicians (60:40), universities, research institutes, hospital pathology/diagnostics department, corporate R+D government laboratories.

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