DESCRIPTION

Clinical Mass Spectrometry publishes peer-reviewed articles addressing the application of mass spectrometric technologies in Laboratory Medicine and Clinical Pathology with a focus on diagnostic applications. It is the first journal dedicated specifically to the application of mass spectrometry and related techniques in the context of diagnostic procedures in medicine. The journal has an interdisciplinary approach aiming to link clinical, biochemical and technological issues and results. Beyond the application of mass spectrometric technologies in the routine clinical diagnostic setting, by publishing critically validated analytical protocols, Clinical Mass Spectrometry also addresses the translation of experimental techniques and analytical research into patients' care and the use of mass spectrometry in clinical research, studies, and routine patient care. The scope of the journal is not restricted to any particular mass spectrometric technologies, but covers the entire methodological range of mass spectrometry and hyphenated technologies. In addition to manuscripts directly targeting patient care, the journal will consider Basic and/or Translational research with Clinical Implications on the pathway to patient care. Subject areas covered by the journal include, but are not restricted to: Endocrinology Protein quantification Therapeutic drug monitoring Toxicology Neonatal screening Clinical lipidomics Clinical metabolomics and metabolic analyses Protein variant detection Microbiology Imaging On-site technologies New technologies including automation Data Science Cross technology investigations Validation, standardization and quality management Reference methods, materials and measurement services Regulatory aspects in diagnostic applications Mass spectrometry based clinical studies Error sources, risk assessment and patient safety

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Clinical Mass Spectrometry publishes quality peer-reviewed articles addressing the application of mass spectrometric technologies in Laboratory Medicine and Clinical Pathology with the focus on diagnostic applications. It is the first journal dedicated specifically to the application of mass spectrometry and related techniques in the context of diagnostic procedures in medicine. The journal has an interdisciplinary approach aiming to link clinical, biochemical and technological issues and results. Beyond the application of mass spectrometric technologies in the routine clinical diagnostic setting, by publishing critically validated analytical protocols, Clinical Mass Spectrometry also addresses the translation of experimental techniques and analytical research into patients' care and the use of mass spectrometry in clinical research, studies, and routine patient care. The scope of the journal is not restricted to any particular mass spectrometric technologies but covers the entire methodological range of mass spectrometry and hyphenated technologies. In addition to manuscripts directly targeting patient care, the journal will consider Basic and/or Translational research with Clinical Implications on the pathway to patient care.

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