

## Special Issue

# FTIR Miscrospectroscopy: Opportunities and Challenges

### Message from the Guest Editor

Fourier transform infrared (FTIR) spectroscopy is one of the most powerful experimental methods for probing the molecular structure and dynamics of a variety of systems. Most important features of this method are: non-destructive, real-time measurement and relatively easy to use. Therefore, this technology is being widely used in medicine, physics, chemistry and food science fields. And it will help related research to more accurately define the chemical structure of biological tissues and guide the development of more models and more detailed research systems. The purpose of this special issue is to collect new opportunities and challenges for the study of physical chemistry and related molecular structure and dynamics by FTIR spectroscopic techniques and their computational methods. Particular emphasis will be placed on innovative approaches applied at the molecular level and results of broad scientific relevance.

### Guest Editor

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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