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New Frontiers of Raman Spectroscopy in Biochemistry and Biophysics

Guest Editor:

Dr. Dmitry Kurouski

Department of Biochemistry and
Biophysics, Texas A&M University,
College Station, TX 77843, USA

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Message from the Guest Editor

Dear Colleagues,

This issue aims to attract the attention of researchers to the growing potential of Raman spectroscopy in Biochemistry and Biophysics. During the past decade, Raman spectroscopy has been used to identify biological systems, probe their metabolism and physiologically important changes on the cell and tissue levels. Although these findings are exciting, they barely scratch the surface of the actual potential of Raman spectroscopy in biochemistry and biophysics. This issue will be focused on, but not limited to, the use of Raman spectroscopy in (i) determination of structural transformations in living systems; (ii) probing cell and tissue metabolism; (iii) nanoscale imaging of biological specimens.

Dr. Dmitry Kurouski

Guest Editor



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Special Issue



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Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
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University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

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Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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