

## Special Issue

# Cellular and Subcellular Analysis Using Vibrational Spectroscopy

### Message from the Guest Editors

Vibrational spectroscopies have emerged in the biomedical community as a powerful, label-free and information-rich family of techniques. Their biochemical sensitivity continues to improve, while the scale of spatial resolution that can be reached is now in the nanometer range. The aim of this Special Issue is to focus on developments and applications of all forms of vibrational spectroscopy in cellular research, encompassing infrared and Raman spectroscopy, microscopy and imaging, atomic force microscopy, approaches combining Raman and infrared spectroscopy, surface-enhanced spectroscopies and synchrotron-based experiments. The goal is to showcase to the readers of *Cells* the wide range of research activities and the increasing potential of these techniques beyond conventional cell research methods.

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### Guest Editors

Dr. Tomasz P. Wrobel

Prof. Dr. Lisa Vaccari

Prof. Dr. Hugh J. Byrne

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### Deadline for manuscript submissions

closed (31 December 2021)



## Cells

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Impact Factor 5.2  
CiteScore 10.5  
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## About the Journal

### Message from the Editorial Board

*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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### Editors-in-Chief

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#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).