

## Special Issue

# Recent Advances in Raman Spectroscopy for Cell Imaging

### Message from the Guest Editors

This Special Issue focuses on “Recent Advances in Raman Spectroscopy for Cell Imaging” to bring forth a collection of clinical applications of Raman spectroscopy for disease diagnosis with a focus on disease markers, cellular metabolites, and response towards invading pathogens. Contributions of original research that focus on cellular imaging for diagnostics, drug–cell interaction, host–pathogen cellular responses, cellular metabolites, and other related material in the field of cell-based diagnostics are welcome. Potential topics include but are not limited to the following:

- Raman spectroscopy
- Infection
- Inflammation
- Immune system
- Blood
- Cells

---

### Guest Editors

Dr. Anuradha Ramoji

Dr. Hamideh Salehi

Dr. Jan Rueger

---

### Deadline for manuscript submissions

closed (20 April 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/83194](https://mdpi.com/si/83194)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[appls](https://appls.mdpi.com)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )