

## Special Issue

# New Trends in Vanadium Chemistry, Biochemistry, and Medicinal Chemistry, 2nd Edition

### Message from the Guest Editors

The remarkable chemical and biological properties of vanadium compounds have garnered significant attention in recent decades, spurring extensive research in their chemistry, biochemistry, and medicinal applications. Due to their potential as insulin-mimetic agents and anticancer therapeutics, along with their promising antibacterial and antiparasitic activities, vanadium coordination chemistry and biochemistry have become focal points of scientific inquiry. Researchers worldwide are actively investigating vanadium compounds to uncover their therapeutic potential, understand their health benefits, and elucidate their mechanisms of action. Following the success of the first edition of this Special Issue, a second volume has been launched to showcase recent advances in vanadium chemistry, biochemistry, and medicinal chemistry. We anticipate that this issue will significantly influence the future trajectory of vanadium research. Therefore, we warmly invite you to contribute your latest findings to this collection.

### Guest Editors

Prof. Dr. Dinorah Gambino

Área Química Inorgánica, Facultad de Química, Universidad de la República, Montevideo, Uruguay

Dr. Gonzalo Scalese

1. Área Química Inorgánica, Facultad de Química, Universidad de la República, Montevideo, Uruguay

2. Laboratory Redox Biology of Trypanosomes, Institut Pasteur de Montevideo, Montevideo, Uruguay

### Deadline for manuscript submissions

31 December 2025



## Inorganics

an Open Access Journal  
by MDPI

Impact Factor 3.0  
CiteScore 4.1



[mdpi.com/si/225327](https://mdpi.com/si/225327)

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

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





# Inorganics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 4.1



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



## About the Journal

### Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

---

### Editor-in-Chief

Prof. Dr. Duncan H. Gregory

School of Chemistry, University of Glasgow, University Avenue, Glasgow  
G12 8QQ, UK

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q2 (Chemistry, Inorganic and Nuclear) / CiteScore - Q2 (Inorganic Chemistry)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).