



an Open Access Journal by MDPI

Gold Complexes

Guest Editors:

Prof. Dr. Laura Rodríguez

Departament de Química
Inorgànica i Orgànica, Secció de
Química Inorgànica, Universitat
de Barcelona, Martí i Franquès 1-
11, 08028 Barcelona, Spain

Prof. Dr. João Carlos Lima

LAQV-REQUIMTE, Departamento
de Química, Universidade Nova
de Lisboa, 2829-516 Monte de
Caparica, Portugal

Deadline for manuscript
submissions:

closed (15 January 2021)

Message from the Guest Editors

Dear Colleagues,

During the last two decades, the chemistry of gold(I) complexes has attracted increasing attention. In particular, growing attention on their photophysical properties has been observed due to their potential applications in a wide variety of different research fields, such as photonic devices, nanomaterials, photoenergy storage, nonlinear optical responsive systems, and biological active species. The strong relativistic effects possessed by gold make it unique and are in the basis of the observation of weak aurophilic interactions between gold centers, which have attracted a growing attention and accelerated the development of gold(I) chemistry. Because of a similarity of magnitude between aurophilic interactions and hydrogen bonds, aurophilicity plays a key role in molecular aggregation in both solid state and solution. This Special Issue is focused on trying to highlight the wide range of applications of gold(I) complexes, mainly within organometallic chemistry. This will also serve as a way of opening up new strategies and collaborations between researchers in the field.

Prof. Dr. Laura Rodríguez

Prof. Dr. João Carlos Lima

Guest Editors



mdpi.com/si/20906

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Duncan H. Gregory
School of Chemistry, University of
Glasgow, University Avenue,
Glasgow G12 8QQ, UK

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.

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), CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Inorganic and Nuclear*) / CiteScore - Q2 (*Inorganic Chemistry*)

Contact Us

Inorganics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/inorganics
inorganics@mdpi.com
X@inorganics_MDPI