## **Special Issue**

### Synthesis, Structure and Properties of f-Block Complexes

### Message from the Guest Editor

In recent years, there has been a burgeoning interest in the chemistry of f-block complexes, from the lanthanides to the technically challenging to handle trans-uranics. The synthesis of these complexes is often difficult and a challenge in and of itself, and while the routine techniques such as SC-XRD, NMR, and IR studies allow identification of these complexes, the recent advances in further experimental techniques, such as SQUID, EPR, and XANES/XAFS, and theoretical techniques such as TD-DFT, QTAIM, and CASSCF, have allowed in depth investigations into the structure and bonding of these molecules. In this Special Issue, we wish to cover the most recent advances in these aspects of f-block chemistry, including the synthesis and structural investigations of these complexes.

### Guest Editor

Dr. Ashley Wooles Centre for Radiochemistry Research, The University of Manchester, Manchester M13 9PL, UK

### Deadline for manuscript submissions

closed (31 July 2023)



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Inorganics Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 inorganics@mdpi.com

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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

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