

Tentative Outline (Preliminary Proposal of Thematic Issue)

Special/Thematic Issue for the journal "Current Organic Synthesis"

Title of the Thematic Issue: Green approach synthesis of novel sorbent and solvent materials

Guest Editor's Name: Bárbara Socas Rodríguez

• **Scope of the Thematic Issue:**

Withing the most outstanding trends in Chemistry and particularly in the field of materials sciences, the development of sustainable procedures that guarantee the green character of novel nanomaterials and solvents used in other many different areas such as analytical chemistry, nanotechnology, agriculture, etc. In this sense the improvement of synthetic procedure using environmentally friendly reagents and reducing cost, time consuming and residues generation is a hot topic.

Considering that, this special issue aims to compile the most remarkable works discussion including a critical revision of the most recent applications and sustainable nanomaterials and the future trends in the area of green synthesis.

Keywords: green chemistry, synthesis, nanomaterials, deep eutectic solvent, ionic liquids, sustainability

Sub-topics:

- Green approaches for the synthesis of carbon-based nanomaterials.
- Green approaches for the synthesis of magnetic nanoparticles.
- Green approaches for the preparation of deep eutectic solvents.
- Green approaches for the preparation of inorganic nanomaterials..

Schedule:

- ✧ Complete Thematic issue proposal submission deadline: 10-May-23

Details of Guest Editor:

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