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# Polyol Synthesis: A Versatile Wet-Chemistry Route for the Design and Production of Functional Inorganic Nanoparticles

Guest Editors:

#### Prof. Dr. Ammar Souad

ITODYS Laboratory, Chemistry Department, Universite Paris Diderot, 75205 Paris, France

#### Prof. Dr. Fernand Fievet

ITODYS Laboratory, Chemistry Department, Universite Paris Diderot, 75205 Paris, France

Deadline for manuscript submissions: closed (31 December 2019)

#### Message from the Guest Editors

Polvol synthesis has emerged these last years as a powerful and scalable wet-chemistry route for the production of chemically and structurally controlled inorganic nanoparticles. Through a simple optimization of the operating synthesis conditions, it allows the design of well-shaped homo- and hetero-nanostructured metal, oxide, chalcogenide, halogenide, alkoxide, or hydroxide particles, with a great applicative interest for various technological fields, including renewable energy, human health, environment, telecommunications. This Special Issue invites manuscripts concerning the synthesis of such functional nanoparticles, their characterization and upscaling with a particular emphasis on their applications through their integration in targeted electromagneticbased devices. Original articles on synthesis strategies will be considered, including the preparation of metastable phases, original microtructures, new compounds, and in situ nanohybrids. Articles describing polyol-made nanoparticle shaping and their succesful use in different technological and biotechnological fields are also recommended.









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### **Editor-in-Chief**

#### Prof. Dr. Eugenia Valsami-Jones

School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

### Message from the Editor-in-Chief

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*Nanomaterials* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/nanomaterials nanomaterials@mdpi.com X@nano\_mdpi