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# **Immobilization of Organic and Inorganic Nanoparticles and Enzymes**

Guest Editor:

#### Dr. Andrea Zille

2C2T-Centro de Ciência e Tecnologia Têxtil, Universidade do Minho, Campus de Azurém, 4800-058 Guimarães, Portugal

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## Message from the Guest Editor

Dear Colleagues,

Nanomaterials with controllable chemical compositions and structures, large surface-to-volume ratios, various surface properties, and functionalities offer many opportunities for regulating the biological function of incorporated protein with interesting applications in catalysis, drug delivery, and biosensors. By far, immobilization of enzymes onto organic or inorganic nanomaterials and chemical conjugation of protein with polymers represent commonly used methods to prepare protein-incorporated hybrid bionanomaterials. However, the design and synthesis of such hybrid bionanomaterials remains a challenge in terms of tailoring the structures of the bionanomaterials in response to their applications. The scope of this Special Issue on immobilization of nanoparticles and enzymes is not to focus only on biomedical applications that usually encompass the majority of the research in this field but also in the new advanced applications in all sectors, including materials, food, agriculture, energy, and the environment.

Dr. Andrea Zille
Guest Editor









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

#### Prof. Dr. Shirley Chiang

Department of Physics, University of California Davis, One Shields Avenue, Davis, CA 95616-5270, USA

# **Message from the Editor-in-Chief**

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