

## Special Issue

# At the Interface of Life and Nanomaterials: From Pharmaceuticals to Other Related Areas

### Message from the Guest Editor

The interactions between nanomaterials and cells impact the development of nanomedicine and the performance of many formulations. Additionally, nanomaterials can accumulate in nature in various ways and impact quality and quantity of life. Still, nanomaterials offer great promise, and understanding how nanomaterials behave at the interface of life is crucial to the future development of areas ranging from pharmaceuticals to diagnostics, and even to fields such as agriculture and synthetic biology. This Special Issue investigates the interface of life and nanomaterials for a range of applications, with the aim of building a deeper understanding of the fundamental interactions involved. For example, it is now known that different cell types uptake different quantities of nanoparticles. Moreover, it has recently been demonstrated that some nanomaterials can be grown in or on different cell types. Although these interactions extend beyond medicine, the principles and fundamentals elucidated during their investigations offer the potential to transform the development of pharmaceuticals and other areas.

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### Guest Editor

Dr. Joseph J. Richardson  
Chemical Engineering, University of Melbourne, Parkville, Australia

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### Deadline for manuscript submissions

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## Pharmaceutics

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### Message from the Editor-in-Chief

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