

EDITORIAL

Guest editorial: Selected papers from the International Conference on Advanced Nanomaterials and Applications (VCAN2020)

The International Virtual Conference on Advanced Nanomaterials and Applications (VCAN2020) was organised by the Centre for Nanotechnology Research, Vellore Institute of Technology, Vellore, Tamil Nadu, India. The international virtual conference was organised to bring together Indian and international communities working in the field of nanoscale science and technology to discuss new and stimulating advances in the field. This virtual event also facilitated to connect researchers across the globe to a single platform to interchange scientific ideas and knowledge. The conference covered broad themes in this area to accommodate a wide range of interests and to enable interdisciplinary collaboration in both academia and industry.

The organising committee of VCAN 2020 received papers on applications of nanomaterials on various topics viz. drug delivery, green chemistry, environmental remediation, biocides, aquaculture, cytotoxicity analysis and several biological applications. This Special Issue presents ten papers which were carefully selected after a systematic peer review process. All papers were checked for originality and those for publication in this Special Issue in *IET Nanobiotechnology* were selected based on quality, originality and suitability to the scope of the journal. The papers selected for this Special Issue contain useful findings covering research areas that incorporate microbiology, biochemistry, cell biology, molecular biology and environmental biotechnology to solve the problems with an interdisciplinary approach. Of specific interest, the content of this issue focuses on the upcoming perspectives on the applications of advanced nanomaterials.

The Special Issue is an excellent platform which can disseminate technical information to a wide audience. We extend our sincere thanks to the Editor-in-Chief of *IET Nanobiotechnology*, Professor Ronald Pethig, for his support throughout the editorial process. We thank all the reviewers for their valuable time and efforts in critically reviewing the manuscripts. We wish to express our gratitude and congratulations to all the authors of the selected papers of this Special Issue on “Selected papers from the International Conference on Advanced Nanomaterials and Applications (VCAN2020)” and we hope this Special Issue will inspire interest in this area and we aim to promote further research in this field.

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