

Preface

Malaysia Nanotechnology Association (MNA), with the support from the Institute of Microengineering and Nanoelectronics (IMEN), Universiti Kebangsaan Malaysia (UKM), Centre for Functional Materials and Nanotechnology (CFMN), UiTM, and ISTIC-UNESCO has successfully organized the Nanotechnology Malaysia Biennial Symposium (NanoSym) 2021 from 11th to 13th of October 2021. One hundred and fifty participants from various countries, including local and international academicians, researchers, scientists, practitioners, and students, have gathered virtually to share their research findings and knowledge in the field of nanotechnology.

In this special issue, all original high-impact research related to nanomaterials and nanotechnology were selected according to the following subtopics: nanoelectronics; nanodevices and nanosystems; nanomaterials in medicine, renewables energy, environmental engineering, agriculture, and food technology.

The main objective is to consolidate several different fields and applications of both micro- and nanotechnology, emphasizing materials, devices, and systems. This special issue also discusses new developments, concepts and practices, problems, and solutions in the nanotechnology field. These findings and discussion are crucial to ensure appropriate technical advances, countermeasures, and identification of future research needs.

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