



CALL FOR PAPERS

ICSCB 2022
Sep 06-07, 2022
Prague, Czechia

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICSCB 2022 : International Conference on Silicon Carbide Biotechnology is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Silicon Carbide Biotechnology. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Silicon carbide biotechnology
Silicon carbide materials for biomedical applications
Silicon carbide for advanced applications
Silicon carbide nanowires synthesis and preliminary investigations
SiC films and coatings: amorphous, polycrystalline, and single crystal forms
Multifunctional SiC surfaces: from passivation to biofunctionalization
SiC in vitro biocompatibility: epidermal and connective tissue cells
Hemocompatibility assessment of 3C-SiC for cardiovascular applications

Biocompatibility of SiC for neurological applications
SiC for brain-machine interface
Porous SiC microdialysis technology
Biocompatible sol-gel based nanostructured hydroxyapatite coatings on nano-porous SiC
Silicon carbide BioMEMS
SiC as a biocompatible marker for cell labeling
Carbon based materials on SiC for advanced biomedical applications