



# 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