



# CALL FOR PAPERS

**ICSMDI 2021**  
**Apr 05-06, 2021**  
**Cancun, Mexico**

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.

ICSMDI 2021 : International Conference on Smart Medical Devices and Implants is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Smart Medical Devices and Implants. 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:

Engineering smart sensors and actuators into usable devices  
Integrating smart devices into patient health systems  
Emerging commercial integration platforms  
Integrating patient systems with hospital infrastructure  
mHealth initiatives  
Emerging mHealth data broker platforms  
Interoperability on all levels  
Coping with heterogeneity  
Coping with variability  
Low power cryptography  
Roaming  
Patient in the loop

Integrated medical systems as cyber physical systems  
Regulatory and legal issues  
Continuous quality assessment  
Challenges for statistical analysis  
Managing data  
Security and privacy  
Blending mentalities and skills  
Applications of computational intelligence / soft computing / artificial intelligence methods  
to:  
Medical system modelling  
Adaptivity and autonomicity issues for sets of medical devices  
Knowledge discovery and pattern recognition from medical data  
Surgical medical devices