## A Special Issue on

## "Flexible Materials and Structures for Bioengineering, Sensing, and Energy Applications"

## CALL FOR PAPERS

Human body with curved and soft interface requests advantexeible materials and structures for the interaction with organs asinghal collection from targets in applications of e.g. bioengineering and diagnostic device for the interaction with organs asinghal collection from targets in applications of e.g. bioengineering and diagnostic device for the interaction with organs asing them, it is highly demanded for creative design in flexible materials and structures with great stretchable capability of or red applications. To meet such purpose, both organic and organic materials could be adopted and designed with assembly and structures in the thore of the stretchable electronics and electrodes. Soft or flexible materials and structures inspired by nature catale the advantage bighly conformal contact between devices and the human body. These approaches hold great potential for applications inflexible electronics, medical imaging technologs and portable disease diagnostic blovel strategy on related sensors/actuator and energy storage/generation devices could overcommertain limitation on flexible materials engineerizing thus advance the field as well.

This special issue is aiming **sh**owcasingrecent advances all topics related to bioengineering, sensing, and energy applications the special focus on flexible materials and their structures. We will accept both experimental and theoretical would invite submissions of original researcharticles/communications and comprehensive review to this special issue. Following topics are included to be covered in this special issue, but are not limited to:

z Self-assembly and assembly of flexible materials and structures;

- z Flexible materials and interface for new medical imaging technology
- z Portable disease diagnostic devices
- z Sensor and actuator
- z Energy storage and conversion.

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