August 13, 2012

Comment [Editor1]: Enter the date of submission here.

Dear Editor-in-Chief:

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Please find enclosed our manuscript titled "Use of New Piezoelectric Composites in Biological Applications" as an original article for publication in *Sensors for Applications in Biology*.

Piezoelectric composites are functional materials comprising piezoelectric active materials and non-piezoelectric passive polymers. These composites have several advantages, including excellent electromechanical properties, high mechanical flexibility and the ability to modify properties by using several different connectivity patterns, which have led to improved overall transducer performance. New piezoelectric composite transducers have recently been developed with optimized composite components, making them high-potential candidates for biological applications such as therapeutic ultrasound and energy harvesting.

We believe that these findings are of particular interest to the readers of *Sensors for Applications in Biology*. This paper presents the recent developments in piezoelectric composite technology for biological applications. The concerns and limitations of using piezoelectric composites as well as the future research avenues will be discussed and outlined.

This manuscript has not been published and is not under consideration for publication elsewhere. The authors report no conflicts of interest. The manuscript has been carefully reviewed by an experienced editor whose first language is English and who specializes in editing papers written by scientists whose native language is not English.

We appreciate your review of this manuscript for publication in *Sensors for Applications in Biology*.

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