

# INSTRUCTIONS OF AUTHORS

## JOURNAL OF ELECTRICAL BIOIMPEDANCE

### PURPOSE AND SCOPE

The Journal of Electrical Bioimpedance (JoEB) is an international, peer reviewed, fast publication, not-for-profit, open access journal. Original research papers, review articles and educational material within all aspects of electrical bioimpedance are published.

We accept a wide range of papers that are related to electrical bioimpedance. Our aim is to cover the theory, experiments and applications that will typically be of interest to international bioimpedance students and researchers. Examples of relevant scientific topics can be (but are not limited to):

- Impedance spectroscopy studies on biomaterials as basic research or to develop a new method related to that particular material.
- Studies where single- or multi-frequency bioimpedance measurements are used for monitoring of physiological parameters.
- Studies related to electrical impedance tomography (EIT). Instrumentation, algorithms, new applications, etc.
- Instrumentation or new measuring methods for bioimpedance measurements or EIT.
- Theoretical work related to bioimpedance.
- Modeling and simulations. Please note that simulations, e.g. by using the finite element method, should normally be validated through experiments before publishing.
- Studies on other sensor technologies that are relevant to bioimpedance (e.g. potentially in a multi-sensor solution) but where bioimpedance methods are not directly used.
- Non-linear (e.g. memristive) electrical properties of biomaterials.

### TYPES OF PUBLICATIONS

Manuscripts submitted to JoEB should not have been published previously nor be under consideration for publication in another journal. The main article types are as follows:

Scientific articles: JoEB considers all original research manuscripts provided that the work reports scientifically sound experiments and provides a substantial amount of new information. The quality and impact of the study will be considered during peer review.

Reviews: Articles providing concise and precise updates on the latest progress made in a given area of research.

Tutorial articles: Educational articles that introduce or explain topics of expected interest to the readers of JoEB in a textbook manner.

### **SUPPLEMENTARY MATERIAL**

JoEB offers the possibility of uploading supplemental material for all article types at no extra cost. Details such as file types and maximum size, will be discussed with the authors in each individual case.

### **MANUSCRIPT PREPARATION AND SUBMISSION**

Manuscripts are submitted in .DOCX or .PDF format and should strictly follow the templates for Microsoft Word or LaTeX that are found on <https://github.com/joeb-files/templates>.

Manuscripts ready for submission can be uploaded on the journal Editorial Manager site on <https://www.editorialmanager.com/joeb/default.aspx>.