

## Special Issue

# Theranostic Ultrasound Contrast Agents in Medical Applications

### Message from the Guest Editor

A contrast agent is a substance used to increase the contrast of structures or fluids within the body in medical imaging. Contributions are welcome concerning the following various topics regarding their use in treatment or application, supported by various molecular biology aspects/approaches:

- TUCAs (Theranostic Ultrasound Contrast Agents) combined with nanomaterials;
- The activation of TUCAs against pathological cells;
- TUCA-dependent immune activation against a disease;
- The various diseases that can be treated by TUCAs, (e.g., cancer, bacterial infections, repair of diseased heart blood vessels, Parkinson's or Alzheimer's disease);

For this Special Issue, we welcome your contributions in the form of original research and review articles covering any molecular aspect of TUCAs.

### Guest Editor

Prof. Dr. Edouard Alphantery

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### Deadline for manuscript submissions

closed (20 November 2022)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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