

## Special Issue

# Non-invasive Skin Imaging Development and Applications

### Message from the Guest Editors

Non-invasive skin examination is essential for the diagnosis, monitoring, and treatment of various dermatological conditions. Multiphoton tomography, reflectance confocal microscopy, optical coherence tomography, and photoacoustic imaging are some of the most promising non-invasive skin examination techniques that have emerged in recent years. These imaging modalities have been proven to be useful in the diagnosis of various skin diseases, such as skin cancer, psoriasis, and atopic dermatitis, as well as in the evaluation of the effects of topical cosmetic and pharmaceutical products. In addition, optical coherence elastography has shown remarkable potential in the study of skin elastic properties. This Special Issue will focus on the latest advances in skin imaging technologies and their potential applications, mainly in medical and cosmetic fields. Join us as we explore the exciting world of non-invasive skin examination techniques and their vast potential to improve our understanding and treatment of various skin conditions.

### Guest Editors

Dr. Ana Batista

Centre for Innovative Biomedicine and Biotechnology, University of Coimbra, Polo 3 Azinhaga de Santa Comba, 3000-548 Coimbra, Portugal

Dr. Karsten Konig

1. Department of Biophotonics and Laser Technology, Saarland University, Campus Dudweiler, Am Markt Zeile 5, 66125 Saarbrücken, Germany  
2. JenLab GmbH, Johann-Hittorf-Strasse 8, 12489 Berlin, Germany

### Deadline for manuscript submissions

closed (23 September 2023)



## Life

an Open Access Journal  
by MDPI

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/168961](https://mdpi.com/si/168961)

*Life*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[life@mdpi.com](mailto:life@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[life](https://life.mdpi.com)





# Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/journal/  
life](https://mdpi.com/journal/life)



## About the Journal

### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

---

### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona  
Institute of Science and Technology, 08028 Barcelona, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)