

Organoids



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Message from the Editor-in-Chief

Functional human 3D tissue models are attractive platforms for disease studies, drug development and toxicity testing. They serve as a bridge between cell cultures, animal models and clinical trials. Such models are called organoids. Numerous scientists worldwide are currently researching the generation of new complex organoid models and improving culturing conditions to handle them in a way that is reproducible, cost-effective, and easy. Achieving this goal is still a major challenge, but the organoid field has developed rapidly in recent years, reaching a new level of complexity and playing a growing role in medical research. Organoids' goal is to create a platform to present new and exciting data covering all aspects of organoid, assembloid, embryoid, or organ-on-a-chip research.

Editor-in-Chief

Prof. Dr. Süleyman Ergün

Aims

Organoids (ISSN 2674-1172) is an international, peer reviewed, open access journal. It publishes novel research findings, reviews, and communications in all aspects of organoid development including stem and progenitor cell differentiation and technological advancements towards their applications in tissue engineering, bioprinting, model organ development and biomedicine. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. Therefore, there is no restriction on the maximum length of papers. The full experimental details must be provided so that the results can be reproduced.

Scope

- Stem and Progenitor Cell Differentiation Technologies for Creating Complex Organoids, Embryoid and Assembloids;
- Organoid Architecture and Development of Complex Organoids/Assembloids;
- Organoids in Cell Biology;
- Organoids in Tissue Engineering;
- Organoids in Developmental Biology;
- Organoids in Gene Therapy and Regenerative Medicine;
- Organoids in Cancer Research
- Organoids in Drug Screening;
- Organoids in Toxicology Testing;
- Organoids in Bioprinting;
- Model of Bacteria and Virus Infection;
- Modeling Organ Development and Diseases.

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