



Thyroid Hormone Therapy for Organ Repair: Present State, Problems and Future Vision

Guest Editor:

Dr. Iordanis Mourouzis

Diabetes Center, First
Department of Propaedeutic
Internal Medicine, Medical
School, National and
Kapodistrian University of
Athens, Laiko General Hospital,
11527 Athens, Greece

Deadline for manuscript
submissions:
closed (31 October 2021)

Message from the Guest Editor

Thyroid hormone (TH) is a critical regulator of essential biological processes and organ maturation during perinatal development. Later, in adult life, the availability of TH is critical for repair and recovery after injury. In this regard, low triiodothyronine (T3) levels are an independent strong predictor of disease outcome. Stressful stimuli (hypoxia, hyperglycemia, trauma, etc.) have been shown to trigger changes in the tissue TH signaling axis in different adult mammalian organs. This response provokes an adaptive/maladaptive process characterized by the reactivation of fetal developmental programs, structural remodeling, and pathological growth. Furthermore, a growing body of experimental and clinical evidence suggests that TH treatment may improve organ structure and function in disease and critical states, such as myocardial infarction, heart failure, brain ischemic stroke, multiple sclerosis, skeletal muscle trauma, sepsis, ARDS, and transplantation.





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Emmanuel Andrès

Internal Medicine Department,
University Hospital Strasbourg,
67000 Strasbourg, France

Prof. Dr. Kent Doi

Department of Acute Care
Medicine, University of Tokyo,
Tokyo, Japan

Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's (JCM)* staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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, Embase, CAPus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

Contact Us

Journal of Clinical Medicine Editorial
Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jcm
jcm@mdpi.com
[X@JCM_MDPI](https://twitter.com/JCM_MDPI)