Laboratory Medicine in Metabolic Disorders and Target Organ Damage

Guest Editor:

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Special Issue Introduction:

Laboratory Medicine plays a fundamental role in the first assessment of metabolic disorders as well as in the follow-up of these and the diagnosis and prognostication of target organ damage across all ages, from neonatal and pediatric ages to geriatrics and during pregnancy.

A wide range of techniques is available to this end, comprising point-of-care and self-administered tests; a routine evaluation of all classes of intermediate metabolism (glucose, lipids, urate, and proteins); genetics; epigenetics; metabolomics; characterization of gut microbiota. Laboratory tests are also essential in the diagnosis and prognostication of rare metabolic disorders in children and adults.

More recently, sophisticated information technology techniques such as big data analysis and artificial intelligence approaches promise to revolutionize public health administration by reducing expenses while enhancing accuracy in defining updated ranges of normality and putting together different databases, which may offer novel research opportunities.

With this evolving and intriguing scenario, it is pleased to announce a novel Special Issue on Metabolism and Target Organ Damage which is specifically dedicated to the role of Laboratory Medicine in Metabolic Disorders. Special importance will be given to innovative approaches and the laboratory assessment of cardiovascular risk and damage to target organs such as the liver, the kidneys, and others.

Benefits to Authors:

- The APCs ($600) will be WAIVED;

- Enjoy faster publication than regular submissions;

- Authors will be invited as Guest Speakers to our journal webinars. The webinar will be held via Zoom and it will also be broadcast live on Youtube and the Chinese WeChat Official Account, Video Account, Bilibili;

- A special interview will be provided to authors and will be promoted on the journal homepage and all media promotion platforms of both via the journal and publisher;

- Winner(s) of the "Best Paper Award" will be awarded. The reward will be in the form of a cash prize and a certificate.

Journal Introduction:

Metabolism and Target Organ Damage (M&TOD, https://mtodjournal.net/, ISSN: 2769-6375) is a journal newly launched in 2021 with fast development in the past few months. It is an international, peer-reviewed, open access interdisciplinary journal which provides an online platform for the publication of clinical, basic, and translational studies. It covers (cardio)-metabolic disorders per se, such as obesity, diabetes, dyslipidemias, arterial hypertension and hyperuricemia in all age groups.
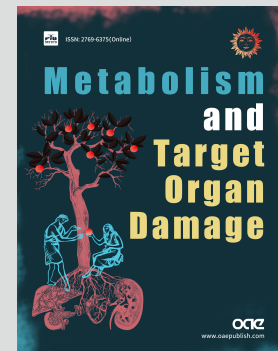
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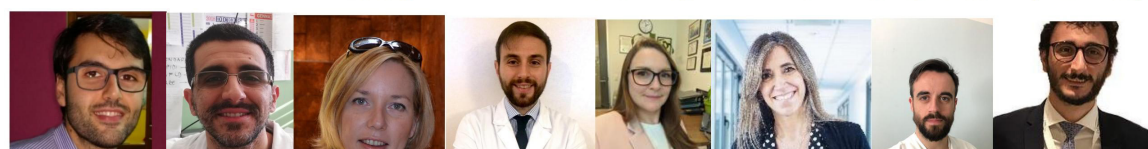
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