



Precision Medicine in Childhood Asthma

Guest Editors:

Dr. Anthony Bosco

Associate Research Scientist,
Asthma & Airway Disease
Research Center, the University of
Arizona, Tucson, AZ 85721, USA

Dr. Anya C. Jones

Telethon Kids Institute, University
of Western Australia, Perth,
Australia

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Message from the Guest Editors

Dear Colleagues,

Asthma is a highly complex and heterogeneous disease. Children and adults with asthma can be stratified into distinct clinical phenotypes, the treatment of asthma has traditionally focused on a one-size-fits all approach. We believe that three major advances are poised to revolutionize the treatment of childhood asthma. The first advance is the development of new therapies that target specific molecular pathways. The second advance is the advent of molecular profiling technologies. The third advance pertains to the development of sophisticated bioinformatics tools. Towards this goal, new studies are urgently needed that embed these ground-breaking technologies into pediatric asthma cohorts and/or clinical trials.

We are pleased to invite you contribute to this Special Issue on Precision Medicine in Childhood Asthma. This Special Issue aims to highlight the application of genomics and bioinformatics to elucidate childhood asthma phenotypes, obtain mechanistic insights into disease biology, and link these to targeted therapies. We welcome original research articles and reviews.



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Dr. Anthony Bosco
Dr. Anya C. Jones
Guest Editors

Special Issue



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Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

Department of Laboratory
Medicine and Pathobiology,
Department of Surgery,
University of Toronto, 6 Queens
Pk Crescent W.F, Toronto, ON
M5S 3H2, Canada

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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

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