

JOURNAL OF PEDIATRIC ENDOCRINOLOGY AND METABOLISM

EDITOR-IN-CHIEF

Wieland Kiess, Leipzig

FOUNDING EDITOR

Harry J. Hirsch, Jerusalem

HONORARY EDITOR

Zvi Laron, Petah Tikva

Zvi Zadik, Rehovot

ASSOCIATE EDITORS

Abdullah Bereket, Istanbul

Mehul Dattani, London

Justin Davies, Southampton

Jan Gustafsson, Uppsala

Sasha Howard, London

Feihong Luo, Shanghai

Raja Padidela, Manchester

Burcu Öztürk-Hişmi, Istanbul

Jorma Toppari, Turku

Serhap Turan, Istanbul

ASSISTANT MANAGING EDITOR

Anna Kirstein, Leipzig

EDITORIAL BOARD

Tadej Battelino, Ljubljana

Fernando Cassorla, Santiago de Chile

George Chrousos, Athens

Wayne Cutfield, Auckland

Johnny Deladoey, Montreal, QC

Rasha Tarif Hamza, Cairo

Eli HersHKovitz, Beersheba

Stephen LaFranchi, Portland, OR

Roberto Lanes, Caracas

Warren Lee, Singapore

Angelika Mohn, Chieti

Margaret Zacharin, Melbourne

DE GRUYTER

ABSTRACTED/INDEXED IN Baidu Scholar · Cabells Journalytics · CABI (over 50 subsections) · Chemical Abstracts Service (CAS): CAPlus; SciFinder · CNKI Scholar (China National Knowledge Infrastructure) · CNPIEC: cnpLINKer · Dimensions · EBSCO (relevant databases) · EBSCO Discovery Service · EMBASE · Genamics JournalSeek · Google Scholar · ICAP Alcohol Information Databases · Index Copernicus · Japan Science and Technology Agency (JST) · J-Gate · Journal Citation Reports/Science Edition · JournalGuide · JournalTOCs · KESLI-NDL (Korean National Discovery for Science Leaders) · Medline · MyScienceWork · Naver Academic · Naviga (Softweco) · Pathway Studio · Primo Central (ExLibris) · ProQuest (relevant databases) · Publons · PubMed · PubsHub · QOAM (Quality Open Access Market) · ReadCube · Reaxys · Scilit · SCImago (SJR) · SCOPUS · Semantic Scholar · Sherpa/RoMEO · Summon (ProQuest) · TDNet · Text Mining · Ulrich's Periodicals Directory/ulrichsweb · WanFang Data · Web of Science: Biological Abstracts; BIOSIS Previews; Current Contents/Life Sciences; Prous Science Integrity; Science Citation Index; Science Citation Index Expanded · WorldCat (OCLC) · X-MOL · Yewno Discover

The publisher, together with the authors and editors, has taken great pains to ensure that all information presented in this work (programs, applications, amounts, dosages, etc.) reflects the standard of knowledge at the time of publication. Despite careful manuscript preparation and proof correction, errors can nevertheless occur. Authors, editors and publisher disclaim all responsibility for any errors or omissions or liability for the results obtained from use of the information, or parts thereof, contained in this work. The citation of registered names, trade names, trademarks, etc. in this work does not imply, even in the absence of a specific statement, that such names are exempt from laws and regulations protecting trademarks etc. and therefore free for general use.

ISSN 0334-018X · e-ISSN 2191-0251

All information regarding notes for contributors, subscriptions, Open access, back volumes and orders is available online at www.degruyter.com/jpem.

RESPONSIBLE EDITOR(S) Prof. Dr. Wieland Kiess, MD, Professor of Pediatrics, Director and Chair, Hospital for Children and Adolescents, Department of Women and Child Health, University Hospitals, University of Leipzig, Liebigstraße 20a, 04103 Leipzig, Germany, Tel.: +49 (0)341 972 60 00, Fax: +49 (0)341 972 60 09, e-mail: Wieland.Kiess@medizin.uni-leipzig.de

PUBLISHER Walter de Gruyter GmbH, Berlin/Boston, Genthiner Straße 13, 10785 Berlin, Germany

JOURNAL MANAGER Heike Jahnke, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany, Tel.: +49 (0)30 260 05 – 220, e-mail: heike.jahnke@degruyter.com

ADVERTISEMENTS e-mail: anzeigen@degruyter.com

© 2023 Walter de Gruyter GmbH, Berlin/Boston

TYPESETTING TNQ Technologies, Chennai, India

PRINTING Franz X. Stückle Druck und Verlag e.K., Ettenheim

COVER ILLUSTRATION Medicalpicture/Friedhelm Achenbach



Contents

Review

Zhichao Zheng, Yujie Wu, Huiping Wu, Jiahui Jin, Yue Luo, Shunshun Cao and Xiaou Shan
Clinical heterogeneity and therapeutic options for idiopathic infantile hypercalcemia caused by *CYP24A1* pathogenic variant — 999

Original Articles

Melissa Crisci, Srisindu Vellanki, Robert N. Baldassano, Yong Chen, Yu-Lun Liu, Ronen Stein and Jacquelyn Hatch-Stein
Growth hormone use in pediatric inflammatory bowel disease — 1012

Gonzalo Dominguez-Menendez, Helena Poggi, Fernanda Ochoa-Molina, Ivonne D'Apremont, Rosario Moore, Fidel Allende, Sandra Solari and Alejandro Martinez-Aguayo
Extremely and very preterm children who were born appropriate for gestational age show no differences in cortisol concentrations or diurnal rhythms compared to full-term children — 1018

Hayley K. Baines and Kara J. Connelly
A prospective comparison study of subcutaneous and intramuscular testosterone injections in transgender male adolescents — 1028

Rodrigo dos Santos Lima and Roseli Oselka Saccardo Sarni
Excess body weight and dyslipidemia at well-child visit — 1037

Gonul Buyukyilmaz, Serkan Bilge Koca, Keziban Toksoy Adiguzel, Fatih Gurbuz and Mehmet Boyraz
Body mass index evolution and ovarian function in adolescent girls who received GnRH agonist treatment for central precocious puberty or early and fast puberty — 1044

Chirantap Oza, Misha Antani, Chidvilas More, Shruti Mondkar, Vaman Khadilkar, Ketan Gondhalekar and Anuradha Khadilkar
Assessment of pubertal onset and disorders of puberty in Indian children and youth with type-1 diabetes — 1052

İlknur Sürücü Kara, Engin Köse, Merve Koç Yekedüz and Fatma Tuba Eminoğlu

A different approach to the evaluation of the genotype-phenotype relationship in biotinidase deficiency: repeated measurement of biotinidase enzyme activity — 1061

Valerie Taillefer, Janie Kelley, Sophie Marsolais, Lyne Chiniara and Nicholas Chadi

Expected vs. perceived effects of gender-affirming hormone therapy among transmasculine adolescents — 1072

Julie Kristine Guldberg Stryhn, Mette Skovgaard Væver, Anne Lisbeth Hoffmann and Peter Haulund Gæde
Developmental scores in offspring of women with subclinical hypothyroidism in pregnancy are affected by gender and thyrotropin cutoff — 1079

Aynur Küçükçongar Yavaş, Ayşenur Engin Erdal, Berrak Bilginer Gürbüz, Aysel Ünlüsoy Aksu and Çiğdem Seher Kasapkara
Assessment of the diagnosis, treatment, and follow-up of a group of Turkish pediatric glycogen storage disease type 1b patients with varying clinical presentations and a novel mutation — 1092

Merve Koç Yekedüz, Engin Köse and Fatma Tuba Eminoğlu
IGAm: A novel index predicting long-term survival in patients with early-diagnosed inherited metabolic disorders — 1100

Case Report

Sabitha Sasidharan Pillai, Renee Robilliard, Meghan E. Fredette, Monica Serrano-Gonzalez and Kevin J. Scully
Persistent hypercalcemia mimicking hypophosphatasia after discontinuation of a ketogenic diet: a case report — 1109