

The Second National Congress
Progress in Cardiology and Cardiovascular Surgery
with International Participation

together with

The Fourth International Symposium of Pediatric
Cardiology and Pediatric Cardiovascular Surgery

17th – 19th May 2018

Editor: Adrian Molnar

The authors have the responsibility for the content of these paper abstracts

Editor in chief

Radu Badea

Senior editor

Dan L. Dumitrașcu

Associate editors

Petru Adrian Mircea

Radu Nicolaie Oprean

Monica Platon Lupșor

Editorial office

Mihaela Băciuț

Cristian Bârsu

Simona Clichici

Horațiu Colosi

Ofelia Crișan

Daniela Fodor

Daniel Leucuța

Valentin Muntean

Ioana Robu

Editorial secretary

Dorina Sorcoi

Desktop publishing

Mihai-Ioan Lazăr

”Clujul Medical”**Editorial Office**

Str. Moșilor, nr. 33

RO-400609 Cluj-Napoca,

România

Tel/fax: +40-264-596086

E-mail

clujulmedical@umfcluj.ro

Site

www.clujulmedical.umfcluj.ro

Indexed

PubMed

PubMed Central

SCOPUS

CAB Abstracts

EBSCO

Index Copernicus

getCited

JournalSeek

Open Access Directory

InfoBase

SCIPPIO

Publisher

Iuliu Hațieganu Medical

University Publishing House



- Clujul

Medical - Journal of Medicine and Pharmacy

Supplement No. 3, Vol. 91, 2018

p-ISSN 1222-2119, e-ISSN 2066-8872

CONTENTS

Abstracts of Presentations.....S5-S21

- Clujul

Medical - Journal of Medicine and Pharmacy

Supplement No. 3, Vol. 91, 2018

p-ISSN 1222-2119, e-ISSN 2066-8872

Editorial board

Ludovico Abenavoli (Catanzaro)
Monica Acalovschi (Cluj-Napoca)
Andrei Achimaş (Cluj-Napoca)
Istvan Altorjay (Debrecen)
Dinu Antonescu (Bucureşti)
Mîndra Badea (Cluj-Napoca)
Radu Badea (Cluj-Napoca)
Jürgen Barnert (Augsburg)
Adriana Băban (Cluj Napoca)
Grigore Băciuş (Cluj-Napoca)
Ioana Berindan-Neagoe
(Cluj-Napoca)
Marius Bojiţă (Cluj-Napoca)
Ion I. Bruckner (Bucureşti)
Anca Buzoianu (Cluj-Napoca)
Radu Câmpeanu (Cluj-Napoca)
Constantin Ciuce (Cluj-Napoca)
Douglas Drossman (Chapel Hill)
Sorin Dudea (Cluj-Napoca)
Dorin Farcău (Cluj-Napoca)
Ioan Ştefan Florian (Cluj-Napoca)
Ion Fulga (Bucureşti)
Jean-Paul Galmiche (Nantes)
Alexandru Georgescu
(Cluj-Napoca)
Liana Gheorghe (Bucureşti)
Mircea Grigorescu (Cluj-Napoca)
Anca Grosu (Freiburg)
Waseem TY Hamoudi (Amman)
Nicolae Hâncu (Cluj-Napoca)
Laszlo Herszenyi (Budapest)
Alexandru Irimie (Cluj-Napoca)
Cornel Iancu (Cluj-Napoca)
Nikolai Lazarov (Sofia)
Leonid Lazebnik (Moscow)
Felicia Loghin (Cluj-Napoca)
Sorin Man (Cluj-Napoca)
Peter Manu (New York)
Traian Mihăescu (Iaşi)
Adriana Mureşan (Cluj-Napoca)
Dafin Mureşanu (Cluj-Napoca)
Laurenţiu Nedelcu (Braşov)
Manuela G. Neuman (Toronto)
Alina Pârvu (Cluj-Napoca)
Virgil Păunescu (Timişoara)
Aurel Popa-Wagner (Rostock)
Mihai Popescu (Bucureşti)
Paul J. Porr (Sibiu)
Piero Portincasa (Bari)
Liliana Rogozea (Braşov)
Vlaicu Sandor (Cluj-Napoca)
Adrian Săftoiu (Craiova)
Florin Stamatian (Cluj-Napoca)
Luminiţa Stanciu (London)
Radu Tutuiian (Zürich)