



A.N.I.F.

**MIGHTY  
MEDIC**

Interdisciplinary International Group for Hemapheresis Therapy and Related Laboratory Control

The MIGHTY MEDIC  
Global Scientific Society

**12<sup>th</sup> Lipid Club  
and Therapeutic Apheresis 2017**

May 3-4, 2017 Rome  
Istituto Salesiano Sacro Cuore



**General Assembly of Members**

# MIGHTY MEDIC ENGLISH WEBSITE

## MIGHTY MEDIC

*Multidisciplinary International Group for Hemapheresis TherapY and MEtabolic DIsturbances Contrast*

### COORDINATION:

Prof. Claudia Stefanutti

*Head of Extracorporeal Therapeutic Techniques Unit*

*Dept. of Molecular Medicine*

*Dept. of Immunohematology and Transfusion Medicine*

*University 'La Sapienza'*

*'Umberto I' Hospital*

*Rome (Italy)*



### ITALIAN SECTION



### EUROPEAN SECTION

## Scientific committee

[Dr. Mariko HARADA-SHIBA M.D., Ph.D.](#)

Department of Molecular Innovation in Lipidology,  
National Cerebral and Cardiovascular Center Research  
Institute

[Prof. Dr. Med. ULRICH JULIUS](#)

Universitätsklinikum Carl Gustav Carus  
an der Technischen Universität Dresden

[Prof. CLAUDIA STEFANUTTI, M.D., Ph.D.](#)

'Sapienza' University of Rome  
'Umberto I' Hospital

[www.mightymedic.org](http://www.mightymedic.org)

## **Expanding the members of the Scientific Committee**

**Proposed:**

**1\_ Prof. Gerald Watts**

**2\_ Prof. Patrick Moriarty**

## **Expanding the Board of Trustees – MIGHTY MEDIC Org**

**1\_Prof. Kurt Widhalm**

**2\_Prof. Albert Wiegman**

**2\_Prof. Bernd Hohenstein**

**3\_ Prof. Livia Pisciotta**

**4\_Prof. Ornella Guardamagna**

**5\_Dr. Jeanine Roeters Van Lannep**

**6\_ Dr. Handrean Soran**



# **New applications for the Membership (MIGHTY MEDIC Org)**

**Dr. Maria Grazia ZENTI**

**Dr. Maria GOZZER**

**Dr. Mahnaz SHAFII**

**Dr. Nicoletta DE LUCA**

**Dr. Daniele BERRETTI**

**Dr. Federica VACONDIO**







**OSAKA**



**PERTH**



**BEIJING**



**KANSAS CITY**





## **New applications for the Membership (MIGHTY MEDIC Org)**

**Prof. Sun YUHUA, Ph.D, MD,**

**Cardiovascular Institute & Fu Wai Heart Hospital,  
Chinese Academy of Medical Sciences & Peking Union Medical College,  
National Center for Cardiovascular Disease Control and Research,  
Beijing, China**

**Jining Cardiovascular & Cerebral Hospital,  
Hemodilution Institute of Jining Medical College,  
Jining City, Shandong Province, China.**

**Prof Michal VRABLIK, MD, PhD,**

**3rd Dept. of Medicine, 1st School of Medicine, 1st Faculty of Medicine, Charles  
University in Prague, the Czech Republic**



**Do we have to change our name?**

**Current**

<http://www.mightymedic.org/en/>

**M**ultidisciplinary **I**nternational **G**roup for **H**emapheresis **T**herap**Y** and **M**Etabolic **D**isturbances **C**ontrast

**Proposed**

<http://www.mightymedic.org/en/>

**M**ultidisciplinary **I**nternational **G**roup for **H**emapheresis **T**herap**Y** and **M**Etabolic **D**Isorders **C**ontrol ?

# The President's suggestion

## Honorary Members

Mrs Jules PAYNE Heart UK – The Cholesterol Charity

Mrs Gabriele Hanauer-Mader – FHchol Austria

Dr Francesco Fuggetta O.M.A.R. Italia



# **Towards an international consensus – integrating lipoprotein apheresis and new lipid-lowering drugs**

**Claudia Stefanutti<sup>1\*</sup>, Ulrich Julius, Gerald F Watts, Mariko Harada-Shiba, Maria Cossu, Volker J Schettler, Giustina De Silvestro, Handrean Soran, Jeanine Roeters Van Lennep, Livia Pisciotto<sup>1</sup>, Hans U Klör, Kurt Widhalm, Patrick M Moriarty and the MIGHTY MEDIC Multinational Society**

JOURNAL OF  
**CLINICAL  
LIPIDOLOGY**

**Accepted April  
2017,  
in press**



# International research and scientific activities

## BACKGROUND

Although many important advances are being made in the field of LLT, many dyslipidemic patients still do not attain sufficient lipid lowering, and, as a result, they remain at high CVD risk. Novel lipid-lowering agents may be promising to further reduce CVD risk if conventional therapies do not yield adequate results, with or without LA

# International research and scientific activities

## AIM

- Mighty Medic would like to contribute to field-specific knowledge by publishing regularly updated concrete proposals for an international consensus on LA, covering known and new indications, how to deal with special patient groups, and what can be achieved with combination therapy with novel drugs

# International research and scientific activities

## MORE STUDIES

However, to date the only published evidence on combination therapy of LA with novel therapeutic options is on lomitapide, alirocumab and CER-001. Thus, more studies on combining LA with inhibitors of PCSK9 or apoB synthesis, and other novel lipid-lowering strategies in development, are highly warranted



# International research and scientific activities

## HIGHLIGHTS

- Our position paper is the first comprehensive attempt to provide recommendations to integrate novel lipid-lowering therapies with LA in severe, chronic dyslipidaemias

# International research and scientific activities

## PROJECTS TO GO

- Mighty Medic would like to set up the proposed international registry on LA, network with sister societies (International Society for Apheresis [ISFA; E-ISFA], American Society for Apheresis [ASFA], World Apheresis Association [WAA]), and other scientific societies focused on these arguments such as the International Atherosclerosis Society (IAS), National Lipid Association (NLA) Lipid-Liga - Germany, Italian Society of Nephrology (SIN), Italian Society of Hemapheresis (SidEM), and facilitate multicentre scientific collaborations on genetic, mechanistic and pooled case studies.

# **MIGHTY MEDIC - National research and scientific activities**

**Multicentre study on predictive profile of cardiovascular risk in patients with HyperLp(a)lipidaemia - isolated and combined forms - by means of descriptive analysis of genetic polymorphisms, isoforms of Lp(a), and cholesterol loading capacity (CLC)**



**ROMA**

**GENOVA**

**PARMA**

**VERONA**

**REGGIO EMILIA**

**SASSARI**

# EDUCATIONAL ACTIVITY

## Ongoing

The MIGHTY MEDIC Org FALL SCHOOL of CLINICAL  
LIPIDOLOGY (Italy)

## Future project

The MULTINATIONAL MIGHTY MEDIC Org SCHOOL of  
CLINICAL LIPIDOLOGY

