

PRELIMINARY Scientific Program



# 2026 INTERNATIONAL MPS SYMPOSIUM

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Florence - June 4-7, 2026

18th INTERNATIONAL

**MPS** &  
Related Lysosomal  
Diseases  
SYMPOSIUM

[www.mps2026.com](http://www.mps2026.com)

# 2026 Theme: Reflecting on 20 Years to Shape the Next 20

Welcome to the 2026 International the 2026 International MPS Symposium! From June 4 - 7, 2026, we invite you to join us in Florence, Italy, as we bring together the global MPS and related lysosomal storage disorder (LSD) community. Together, we will reflect on 20 years of progress and set our sights on the next 20 years of innovation, advocacy, and global collaboration. This milestone event will unite patients, families, researchers, healthcare professionals, and industry partners to shape the future of care, scientific discovery, and health equity worldwide.

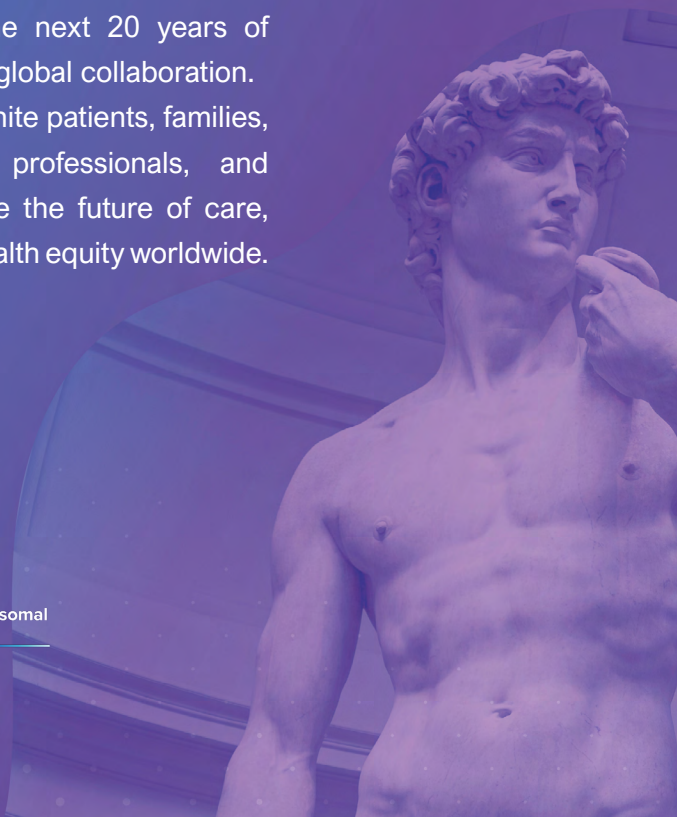
## Scientific Director

Prof. Maurizio Scarpa

18th INTERNATIONAL

**MPS**

& Related Lysosomal  
Diseases  
SYMPOSIUM



# PRELIMINARY Scientific Program





18th INTERNATIONAL

# MPS

& Related Lysosomal  
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SYMPOSIUM

DAY 1 - Thursday, June 4

## WELCOME TO FLORENCE

# #MPS2026

**11.00 - 13.00** Registration

**13.00 - 14.00** Opening Ceremony and Welcome - Institutional Greetings

**14.00 - 14.30** Opening Advocacy

Back 20 Years, Looking to Next 20: A Vision for the MPS Community

**14.30 - 15.00** Opening Lecture

Scientific Vision: Back 20 Years looking to Next 20:  
Vision for the Scientific MPS Community

**15.00 - 15.30** Opening Lecture

Back 20 Years looking to Next 20: Milestones in MPS Research

**15.30 - 16.00** Coffee Break



## PLENARY SESSION 1

**16.00 - 16.45** Scientific discoveries



1. Topic: genetics and pathophysiology of MPS disorders
2. Topic: advancements in diagnostic technologies
3. Topic: open issue on therapeutic approaches for MPS

**16.45 - 17.15** Keynote presentation - progress in curing patients:  
reflecting on 20 years of breakthroughs

## PLENARY SESSION 2

**17.15 - 18.00** Clinical Progresses



1. Topic: Improvements in Patient Care and Management
2. Topic: Impact of Clinical Trials on Treatment Outcomes
3. Topic: Challenges and Solutions in Patient Access to Therapies

# 2026 INTERNATIONAL MPS SYMPOSIUM

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## DAY 2 - Friday, June 5 - Morning

### PLENARY SESSION



#### TOPIC: Screening 2030 and Beyond:

The Evolving Landscape of MPS and related  
Diseases Newborn Detection

**08.30 - 09.00** **Keynote Lecture:**  
Newborn Screening for LSDs: past experience to draft future

**09.00 - 10.00** **Panel Discussion**

**10.00 - 10.30** **Oral Poster Presentations**

**10.30 - 11.00** **Coffee Break**



### PLENARY SESSION



#### TOPIC: Digital Revolution in MPS Care:

AI Driven Diagnosis and Clinical Decision Support

**11.00 - 11.30** **Keynote Lecture:**  
AI: a new frontier in RDED

**11.30 - 11.50** **Scientific Lecture:**  
A comparison of Machine Learning Models for MPSED

**11.50 - 12.10** **Scientific Lecture:**  
MPSBase - comprehensive repository  
of different expressed genes for MPS

**12.10 - 12.30** Is There a Role of Artificial Intelligence in clinical Imaging?

**12.30 - 13.00** **Oral Poster Presentations**

**13.00 - 14.00** **Sponsored Workshop**

## DAY 2 - Friday, June 5 - Afternoon

### PLENARY SESSION



**TOPIC: Advanced Technologies Revolutionizing MPS:**  
Heart, Bone, Eye, and CNS Perspectives

**14.00 - 14.20**

**Keynote Lecture:**

New technologies for the understanding of the CSN pathophysiology and paving therapies for LSD

**14.20 - 14.40**

**Scientific Lecture:**

Innovative technology for the understanding of pathophysiology and therapy of Heart in MPS

**14.40 - 15.00**

**Scientific Lecture:**

Innovative technology for the understanding of pathophysiology and therapy of skeletal disorders in MPS

**15.00 - 15.20**

**Scientific Lecture:**

Innovative technology for the understanding of pathophysiology and therapy of eye disorders in MPS

**15.20 - 15.30**

**Discussion**

**15.30 - 16.00**

**Oral Poster Presentations**

**16.00 - 17.00**

**Coffee Break**



# 2026 INTERNATIONAL MPS SYMPOSIUM

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## DAY 3 - Saturday, June 6 - Morning

### PLENARY SESSION



**TOPIC: The Future of MPS and Related Disorders treatment:**  
from gene therapy breakthroughs to regulatory excellence

**08.30 - 09.00 Keynote Lecture:**  
Gene Therapy where are we targeting?

**09.00 - 09.20 Therapeutic Topics:**  
Innovative therapies for LS:  
The Promise of Gene Editing, CRISPR, mRNA and Beyond

**09.20 - 09.40 Therapeutic Topics:**  
Innovative approaches to Cross  
the Blood Brain Barrier for the treatment of CNS

**09.40 - 10.00 Therapeutic Topics:**  
Fetal therapy for the treatment of LSDs

**Discussion**

**10.00 - 10.30 Oral Poster Presentations**

**10.30 - 11.00 Coffee Break** 



**TOPIC: Regulatory aspects and Ethics**

**11.00 - 11.30 Keynote Lecture:**  
Regulatory Aspects and Ethics

**11.30 - 11.50 Scientific Lecture:**  
Digital Tools & Ethics Development Of A Novel Tool For Individual  
Treatment Trials In Mucopolysaccharidosis

**11.50 - 13.00 NOBEL PRICE SPEACH**

**13.00 - 14.00 Sponsored Workshop**

**DAY 3 - Saturday, June 6 - Afternoon**
**PLENARY SESSION**

**TOPIC: No patient left behind:**

Form Florence to the world building equitable global networks for MPS and related diseases care

**14.00 - 14.30**
**Keynote Lecture:**

CHALLENGES FOR THE FUTURE:

THERAPY ACCESS in the world access to therapy around the world

**14.30 - 15.00**
**Lecture:**

Addressing Health Inequities:

Strategies for ensuring global equitable access to MPS and related disorders: toward the creation of a global registry for rare diseases

**15.00 - 15.30**
**Panel Discussion:**

Collaboration And Partnerships:

Strengthening global networks to support MPS patients

**Discussion**
**15.30 - 16.00**
**Oral Poster Presentations**
**16.00 - 17.00**
**Coffee Break**




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## DAY 4 - Sunday, June 7 - Morning



### PLENARY SESSION



**TOPIC: Late breaking news and new frontiers**

**08.30 - 09.30** Late breaking news

**09.30 - 09.45** Discussion

**09.45 - 10.15** POSTER AWARDS  
PRESENTATION AWARDS  
B4B AWARDS / IMPSN  
AWARD / TBD



#MPSAWARDS

**10.15 - 10.45** **Therapeutic Topics:** Fetal therapy for the treatment of LSDs

**10.45 - 11.15** Coffee Break



**TOPIC: The Florence Declaration:**

Families and Scientists United for Global MPS Progress

**11.15 - 13.00** **PANNEL DISCUSSION Vision for the Next 20 Years**

Unified Global Network, Future Treatments, Long Term Monitoring  
Family and Scientific selected speakers to identify a program to be  
pursued under the IMPSN leadership at global level  
THE FUTURE OF MPS

**13.00 - 14.00** Closing Up summary of the meeting and adjourn to 2028

# SCIENTIFIC COMMITTEE AND FACULTY

**Al-Sayed Moeen** - Arabia Saudita

**Amartino Hernan** - Argentina

**Angel Kim** - Canada - Messico

**Ben-Omran Tawfeg** - Qatar

**Bhat Meenakshi** - India

**Bigger Brian** - Regno Unito

**Burton Barbara K.** - USA

**Chakraborty Pranesh** - Canada

**Chien Nancy** - Taiwan

**Cox Timothy** - Regno Unito

**Dickson Patricia I.** - USA

**Ellinwood N. Matthew** - USA

**Eto Yoshikatsu** - Giappone

**Ezgü Fatih Süheyl** - Turchia

**Fueller Maria** - Australia

**Giugliani Roberto** - Brasile

**Harmatz Paul R.** - USA

**Hendriksz Christian J** - Regno Unito/Sudafrica

**Inbar-Feigenberg Michal** - Canada

**Jasmi Fatma Al** - Emirati Arabi Uniti

**Jones Simon** - Regno Unito

**Keong Thong Meow** - Malesia

**Khan Aneal** - Canada

**Kirmani Salman** - Pakistan

**Lagler Florian** - Austria

**Lampe Christina** - Germania

**Lin Shuan Pei** - Taiwan

**Loiler Scott** - USA

**Mitchel John J.** - Canada

**Muenzer Joseph** - USA

**Muschol Nicole** - Germania

**Navaro Jesus** - Messico

**Okuyama Torayuki** - Giappone

**Orchard Paul** - USA

**Scarpa Maurizio** - Italia

**Shuyang Zhang** - Cina

**Solano Villarreal Martha Luz** - Colombia

**Sura Thanyachai** - Thailandia

**del Toro Mireia** - Spagna

**Vellodi Ashok** - India/Regno Unito

**Voster Chris** - Sudafrica

**Vu Chi Dung** - Vietnam

**Whitley Chester** - USA



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