

## Informations

The workshop is open to general practitioners, neurologists, pediatricians, medical geneticists and biologists.

80 applicants will be admitted.

**Deadline for registration:** September 30, 2006. Registration should be submitted by email to the Scientific Organizing Committee.

**Registration fee: Free of charge.** The registration includes scientific programme, book of abstracts, coffee breaks and attendance certificate. A 16 euros ticket for lunch will be available on site. Please request the lunch ticket at the time of submitting the application to the Scientific Organizing Committee.

**Official languages:** Italian, English

**Venue** Sala della Primaziale, P.zza Arcivescovado, Pisa

**Director of the Workshop** Luigi Murri, Pisa

### Invited Speakers:

Antoni Andreu (Barcelona) Stefano Berrettini (Pisa) Maria C. Bianchi (Pisa) Salvatore DiMauro (NewYork) Valerio Carelli (Bologna) Massimiliano Filosto (Brescia) Ramon Marti (Barcelona) Michelangelo Mancuso (Pisa) Filippo M. Santorelli (Rome) Serenella Servidei (Rome) Gabriele Siciliano (Pisa) Giancarlo Solaini (Bologna) Robert W Taylor (Newcastle) Massimo Zeviani (Milan)

### Scientific Organizing Committee

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## INTERNATIONAL SYMPOSIUM

# MITOCHONDRIAL MEDICINE: ADVANCES IN UNDERSTANDING PATHOLOGIES AND THERAPEUTICAL STRATEGIES



October 25<sup>th</sup>, 2006, Pisa

Sala della Primaziale, Piazza  
dell'Arcivescovado

## Aim of the Workshop

The workshop, addressed to pediatricians, neurologists, medical geneticists, biologists and researchers, will provide the latest scientific informations on mitochondrial disorders. It will focus on the most recent advances on genotype-phenotype correlation, diagnostic tests, and pharmacological and cell therapy.

### PROGRAMME

8.30 *Registration of participants*

9.00 *Opening*

#### FIRST SESSION: FROM BASIC SCIENCE TO CLINICS

**Chairmen:** L. Murri, S. DiMauro

**9.00 Medical genetics of mitochondrial disorders**

A. Andreu, Barcelona

**9.30 Mitochondrial biochemistry**

G.C. Solaini, Bologna

**9.50 Neuropathology of mitochondrial disorders**

M. Filosto, Brescia

**10.10 Discussion**

**10.30 Coffee Break**

**Chairmen:** G.B. Corsini, P. Pietrini

**10.50 Mitochondrial mtDNA related diseases**

S. Servidei, Rome

**11.15 Mitochondrial nuclear DNA related diseases**

M. Zeviani, Milan

**11.40 Functional diagnostic**

G. Siciliano, Pisa

**12.00 Neuroimaging diagnostic**

M.C. Bianchi, Pisa

**12.20 Mitochondria and neurodegeneration**

M. Mancuso, Pisa

**12.40 Discussion**

**13.00 Lunch**

#### SECOND SESSION: ORGAN TARGETS AND THERAPEUTICS

**Chairmen:** G. Cioni, G. Siciliano

**14.00 Mitochondrial hearing loss**

S. Berrettini, Pisa

**14.15 Mitochondrial visual disorders**

V. Carelli, Bologna

**14.35 Infantile mitochondrial diseases**

F.M. Santorelli, Rome

**15.00 Discussion**

**15.15 Coffee Break**

**Chairmen:** M. Petrini, M Zeviani

**15.30 Therapeutic approaches**

S. DiMauro, New York

**16.00 Management of MNGIE syndrome**

R Marti, A Andreu, Barcelona

**16.20 Experimental strategies towards treating mtDNA disorders**

R.W. Taylor, Newcastle

**16.50 Discussion**

**17.10 SATELLITE SESSION: STEM CELL THERAPY**

**Chairmen:** S. DiMauro, P.L. Rossi Ferrini

**Speakers:** F Frassoni (Genova), C Nesti (Pisa), L Pasquali (Pisa), L Trombi (Pisa)

**18 Conclusive remarks**