

European School of Genetic Medicine
17th COURSE IN MEDICAL GENETICS
"THALASSEMIA AND RELATED DISORDERS IN THE MEDITERRANEAN"
Bertinoro (Forlì), March 21-25, 2004

Directors:

A. Cao (Cagliari, I)
R. Galanello (Cagliari, I)
M. Kleanthous (Nicosia, CY)

Faculty:

M. Angastiniotis (Nicosia, CY), E. Angelucci (Cagliari, I), F. Argiolu (Cagliari, I), C. Borgna (Ferrara, I), N. Cappellini (Milan, I), S. Davies (London, UK), G. Derchi (Genoa, I), V. De Sanctis (Ferrara, I), A. Eleftheriou (Nicosia, CY), C. Hershko (Jerusalem, IL), D. Higgs (Oxford, UK), L. Luzzatto (Genoa, I), Victor A. McKusick (Baltimore, USA), P. Moi (Cagliari, I), D. Pennell (London, UK), A. Piga (Turin, I), J. Porter (UK), E. Rachmilewitz (Holon, IL), S.L. Thein (UK), J. Traeger-Synodinos (Athens, GR), D. Weatherall (Oxford, UK)

Sunday, March 21th, 2004

Morning Session

Epidemiology and Prevention

9.00	M. Angastiniotis (Nicosia, CY) Epidemiology and prevention strategies
9.50	M. Angastiniotis (Nicosia, CY) Genetic counselling
10.10	R. Galanello (Cagliari, I) Screening
10.30	Coffee Break
11.00	M. Kleanthous (Nicosia, CY) Molecular diagnosis
11.20	A. Cao (Cagliari, I) Prenatal diagnosis
11.40	J. Traeger-Synodinos (Athens, GR) Alpha-thalassaemia

12.00 Questions from students on morning sessions

13.00 Lunch break

Afternoon Session

Epidemiology and Prevention

14.00 Concurrent Workshops

15.00 Concurrent Workshops

16.00 Coffee break

16.30 - 17.30 Concurrent Workshops

Monday, March 22th, 2004

Morning Session

Thalassaemia Major

9.00 **D. Weatherall** (Oxford, UK)
Pathophysiology

9.50 **A. Eleftheriou** (Nicosia, CY)
Blood safety policies and processing

10.10 **C. Borgna** (Ferrara, I)
Blood transfusion therapy

10.30 Coffee break

11.00 **C. Hershko** (Jerusalem, IL)
Iron metabolism and mechanism of chelation therapy

11.20 **J. Porter** (UK)
Conventional iron chelation

11.40 **A. Piga** (Turin, I)
Monitoring of iron chelation and iron overload

12.00 - 12.30 Questions from students on morning sessions

13.00 - 14.00 Lunch break

Afternoon Session

Thalassaemia Major

14.00 Concurrent Workshops

15.00 Concurrent Workshops

16.00 Coffee Break

16.30 - 17.30 Concurrent Workshops

Tuesday, March 23rd, 2004

Morning Session

	Medical Complications in Thalassaemia Major - Thalassaemia intermedia
9.00	G. Derchi (Genoa, I) Cardiac Problems. Patterns of heart disease
9.30	D. Pennell (London, UK) Monitoring of heart iron load. MRI and other
10.00	V. De Sanctis (Ferrara, I) Endocrine disorders: growth, fertility and diabetes
10.30	Coffee break
11.00	N. Cappellini (Milan, I) Hepatic complications
11.30 - 12.00	E. Rachmilewitz (Holon, IL) Coagulation problems Thalassaemia intermedia
11.30 - 12.30	S.L. Thein (UK) Molecular and clinical aspects
12.30 - 13.00	Questions from students on morning sessions
13.00 - 14.00	Lunch

Afternoon Session

	Medical Complications in Thalassaemia Major - Thalassaemia intermedia
14.00	Concurrent Workshops
15.00	Concurrent Workshops
16.00	Coffee break
16.30 - 17.30	Concurrent Workshops

Wednesday, March 24th, 2004

Morning Session

	Basic Aspects and Therapy
9.00	P. Moi (Cagliari, I) Hematopoietic transcription factors: an overview
9.30	D. Higgs (Oxford, UK) Regulation of the human alpha-globin gene cluster
10.00	Questions from students
10.30	Coffee break

11.00	E. Angelucci (Cagliari, I) BMT in Thalassaemia from familial donors
11.30	F. Argiolu (Cagliari, I) Unrelated BMT
12.00 - 12.30	L. Luzzatto (Genoa, I) Gene therapy
13.00 - 14.00	Lunch

Afternoon Session

Basic Aspects and Therapy

14.00	Concurrent Workshops
15.00	Concurrent Workshops
16.00	Coffee break
16.30 - 17.30	Concurrent Workshops

Thursday, March 25th, 2004

Morning Session

Sickle Cell Anemia - G6PD Deficiency

9.00	S. Davies (London, UK) Sickle cell disease
9.45	L. Luzzatto (Genoa, Italy) Molecular and clinical aspects of G6PD deficiency
10.30	V.A. McKusick (Baltimore, USA) March of Dimes Keynote Lecture <i>Conclusions</i>
11.15 - 12.30	Final reading of: Consensus document on Thalassaemia major Consensus document on Thalassaemia intermedia Consensus document on alpha-Thalassaemia

For further information visit the EGF website: [//www.eurogene.org](http://www.eurogene.org)
