

AIR2003

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AIR2003

INTERNATIONAL
MEETING
ON ALPHA1-
ANTITRYPSIN
DEFICIENCY

WORLD
TRADE
CENTER
BARCELONA
SPAIN
11-12-13 JUNE
2003



The star city of the Mediterranean arc

Mediterranean city. Two thousand years of history. Open to every innovation. Welcoming, plural, diverse. A city to live and share.

This Barcelona that's waiting for you is a city with a Roman subsoil and living in the 21st century, where people speak two languages, Catalan and Castilian, where Gothic architecture stands alongside the most contemporary buildings, where economic dynamism blends with intellectual effervescence, and where the sea is a stage and the mountain its backdrop. Today's Barcelona is living one of its finest moments.

The city has the biggest/widest selection of modernist architecture: a genuine open-air museum. Most of the buildings, built in this unique style, are in the Eixample, a district planned in 1860 by the engineer Ildefons Cerdà which constitutes a unique model of European urban/town planning. The Sagrada Família, the Casa Batlló, the Casa Amatller and the Casa Milà are some examples of this and Antoni Gaudí one of its most representative architects. Barcelona is the only European capital with over four kilometres of beaches where you can enjoy the most modern amenities, the beaches are not far from Barcelona's historical and cultural landmarks, and they have opened up our modern and cosmopolitan city to the sea.

Today, the Olympic Harbour and the old port, the Port Vell, are some of the main meeting places, with many bars, restaurants, shops and recreational areas.

Barcelona is, without a doubt, a city of marvels: on foot, by bicycle or bus, it is a magnificent spectacle which you should not miss.

Catalan cuisine, which is typically Mediterranean, is based on natural seasonal produce. Olive oil, vegetables, fruit, fresh fish and seafood, cod, pork in all its variety, many different cakes, and a wide selection of high quality wines and caves, these are the basic ingredients of our diet. The quality of these products and the way they are combined renders our cuisine both rich and healthy, simple and varied, natural and refined. It is straightforward but there is a huge variety; you can find both modern Catalan food and traditional Catalan menus; our cuisine is one of both smooth and contrasting flavours, appetising and inviting. What's more in Barcelona you can also find international cuisine: French, Italian, Japanese, Chinese, fast food, and so on.

Come to Barcelona and take it away in your memory.

Chairman of the Meeting

Robert A. Stockley (UK, chairman of A.I.R.)

Scientific Coordinators

Marc Miravittles (Spain)
Niels Seersholm (Denmark)

Scientific Committee

Robert A. Stockley (UK)
Marc Miravittles (Spain)
Maurizio Luisetti (Italy)
Bruce C. Trapnell (USA)
Niels Seersholm (Denmark)
David A. Lomas (UK)
Dino Hadzic (UK)

Invited speakers and chairmen

GILL AINSLE (Cape Town. South Africa)
BRUNO BALBI (Pavia. Italy)
JOAN A. BARBERÀ (Barcelona. Spain)
MARK L. BRANTLY (Gainesville. Florida. USA)
EDWARD CAMPBELL (Salt Lake City. Utah. USA)
ROBIN CARRELL (Cambridge. UK)
MORTEN DAHL (Copenhagen. Denmark)
ASGER DIRKSEN (Copenhagen. Denmark)
JUAN DOMÍNGUEZ-BENDALA (Miami. Florida. USA)
DINO HADZIC (London. UK)
JOHN HUMPHRIES (Research Triangle Park. North Carolina. USA)
SABINA JANCIAUSKIENE (Copenhagen. Denmark)
NIKOLAUS KONIETZKO (Essen. Germany)
CLAES-GORAN LÖFDHAL (Lund. Sweden)
DAVID A. LOMAS (Cambridge. UK)
MAURIZIO LUISETTI (Milan. Italy)
MARC MIRAVITLLES (Barcelona. Spain)
EEVA PIITULAINEN (Malmö. Sweden)
ERICH RUSSI (Zurich. Switzerland)
JEAN-MICHEL SALLENAVE (Edinburgh. Scotland)
SANDY SANDHAUS (Denver. Colorado. USA)
NIELS SEERSHOLM (Copenhagen. Denmark)
BOB SENIOR (St. Louis. Missouri. USA)
SAHER SHAKER (Copenhagen. Denmark)
RICHARD SIFERS (Houston. Texas. USA)
EDWIN K. SILVERMAN (Boston. Massachusetts. USA)
GORDON L. SNIDER (Boston. Massachusetts. USA)
TERRY SPENCER (Gainesville. Florida. USA)
ROBERT A. STOCKLEY (Birmingham. UK)
JAN STOLK (Leiden. Netherlands)
JAMES K. STOLLER (Cleveland. Ohio. USA)
CHARLIE STRANGE (Charleston. South Carolina. USA)
TOMAS SVEGER (Malmö. Sweden)
JEFFREY H. TECKMAN (St. Louis. Missouri. USA)
BRUCE C. TRAPNELL (Cincinnati. Ohio. USA)
GERARD M. TURINO (New York. New York. USA)
CLAUS VOGELMEIER (Margburg. Germany)
MARK A. ZERN (Sacramento. California. USA)

Social events

JUNE 10: Welcome Reception Patient's Groups. Grand Marina Hotel, 8 pm.
JUNE 11: Welcome Reception. Grand Marina Hotel, 8 pm.
JUNE 12: Social dinner. Casa Batlló (modernist house designed by Gaudí), 8 pm.
JUNE 13: Friday dinner. Rúccula Restaurant, next to the Grand Marina Hotel, 8 pm.

Accompanying person tour

12 JUNE: In the morning, visit the Barcelona Gothic. Lunch in the Grand Marina Hotel and rest of the day is free. Meeting point at the Grand Marina Hotel's hall at 9 am.
13 JUNE: In the morning, visit the Barcelona Modernist. Lunch in the Grand Marina Hotel and rest of the day is free. Meeting point at the Grand Marina Hotel's hall at 9 am.

Climate and clothing

The weather in June is usually sunny. At nights, it is recommended to bring a jacket.

Variation

The Scientific Committee and the Organizing Secretariat reserve the right to make any change to the meeting program for technical and/or scientific reasons.

Organising secretariat



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Meeting site

WORLD TRADE CENTER
GRAND MARINA HOTEL
Moll de Barcelona, s/n
08039 Barcelona (Spain)

Language

English will be the official language.

PowerPoint projection

Facilities will be available for single PowerPoint projection. For any other kind of technical support, please contact the Organizing Secretariat prior to the meeting.

Open Session

Oral presentations are scheduled on June 13th from 3 pm to 4 pm. The allotted time will be 15 minutes (10' presentation + 5' discussion).

Poster presentation

The exhibit of posters will start on June 12th at 9 am.
Poster (cm90 wide x cm120 high) will be exhibited in the designated area.
The setting up and the removal of poster should be done by the authors.
Poster assistants will be present for any information or help. At least one of the authors is required to attend his/her position during the scheduled time (June 12th from 10 am to 10,30 am and June 13th from 10,20 am to 10,45 am).

Registration fee

Delegate	250 € (VAT included)
Accompanying person	150 € (VAT included)
Patient's groups (June 11)	85 € (VAT included)
Social dinner	80 € (VAT included)
Friday dinner	65 € (VAT included)

The fee includes: attendance at the scientific sessions, congress-member documentation, attendance certificate, working lunches and coffees. Social dinner and Friday dinner are not included in fee.

The registration and the hotel booking are available in the congress' web site www.bcmedic.com/airmeeting.

Alpha-1 International Patient Congress

9:00-9:10	Conference Introduction <i>Sarah Everett/ Shane Fitch</i>
9:10-10:00	Delegates Introduction: Problems Faced by Alpha-1 Patients and Families in their Country
10:00-11:15	Panel Discussion: Existing Resources for Alpha-1 Patients and their Families
11:15-11:45	Morning Break: Exhibits
11:45-12:45	Scientific Presentation <i>Chairman: Gordon L. Snider</i> Molecular Basis for AAT Deficiency <i>David A. Lomas</i> Lung Disease due to AAT Deficiency <i>Jan Stolk</i> Liver Disease due to AAT Deficiency <i>Jeffrey H. Teckman</i>
12:45-14:15	Lunch
14:15-16:15	Scientific Presentation Continued <i>Chairman: Sandy Sandhaus</i> Current and Future Therapies The European View <i>Nikolaus Konietzko</i> View from the Americas <i>Sandy Sandhaus/Bruce C. Trapnell</i> AIR: The Role of the Research Registry <i>Marc Miravittles</i> The Patient and the Research Registry <i>Charlie Strange</i> The Alpha-1 Sib Pairs Study <i>Edwin K. Silverman/Robert A. Stockley</i>
16:15-16:30	Afternoon Break: Exhibits
16:30-18:00	Discussion: Future Initiatives of Alpha-1 Patients International
18:00	Adjournment
20:00	Dinner

THURSDAY 12th June

Session I		Two years in review	
		<i>Chairmen: Gerard M. Turino/Asger Dirksen</i>	
8:30-9:00		Pathophysiology: exacerbations and inflammation	
		<i>Robert A. Stockley</i>	
9:00-9:30		Liver disease in AATD	
		<i>Jeffrey H. Teckman</i>	
9:30-10:00		Clinical management	
		<i>Sandy Sandhaus</i>	
10:00-10:30		Coffee break/Poster viewing	
Session II		Basic science: proteins and proteases	
		<i>Chairmen: David A. Lomas/Mark L. Brantly</i>	
10:30-10:50		Protein-protein interaction in the regulation of AAT inhibitory capacity	
		<i>Maurizio Luisetti</i>	
10:50-11:10		Cytokines in the pathogenesis of COPD. What is really important?	
		<i>Jean-Michel Sallenave</i>	
11:10-11:30		Proteases and animal models	
		<i>Bob Senior</i>	
11:30-11:55		Discussion	
11:55-12:10		Break	
Session III		Laurell lecture	
		<i>Chairman: Robert A. Stockley</i>	
12:10-12:30		Laurell's syndrome	
		<i>John Humphries</i>	
12:30-13:00		Laurell Lecture	
		<i>Robin Carrell</i>	
13:00-14:15		Lunch	
Session IV		Basic science update	
		<i>Chairmen: Bruce C. Trapnell/Claus Vogelmeier</i>	
14:15-14:35		Pulmonary arterial dysfunction in COPD	
		<i>Joan Albert Barberà</i>	
14:35-14:55		Gene therapy for AAT deficiency	
		<i>Terry Spencer</i>	
14:55-15:15		Stem cell potential in AAT deficiency	
		<i>Juan Domínguez-Bendala</i>	
15:15-15:35		Liver cell immortalization for the therapy of AAT deficiency	
		<i>Mark A. Zern</i>	
15:35-15:55		Patterns of emphysema in alpha-1-antitrypsin deficiency patients and usual COPD	
		<i>Saher Shaker</i>	
15:55-16:20		Discussion	
16:20		Adjournment	
20:00		Dinner	

FRIDAY 13th June

Session V		Liver disease	
		<i>Chairmen: Dino Hadzic/Jeffrey H. Teckman</i>	
9:00-9:20		Liver disease in PiSS/PiSZ	
		<i>Dino Hadzic</i>	
9:20-9:40		Processing of Z antitrypsin within the endoplasmic reticulum of hepatocytes	
		<i>Richard Sifers</i>	
9:40-10:00		Immunological detection of Z antitrypsin polymers in the liver and circulation	
		<i>Sabina Janciauskiene</i>	
10:00-10:20		Discussion	
10:20-10:45		Coffee break/Poster viewing	
Session VI		Other phenotypes	
		<i>Chairmen: Edwin K. Silverman/Erich Russi</i>	
10:45-11:05		High prevalence of rare deficient variants in Italy	
		<i>Bruno Balbi</i>	
11:05-11:25		Impact of PiMZ in COPD	
		<i>Morten Dahl</i>	
11:25-11:45		Natural history of lung disease in PiSZ individuals	
		<i>Niels Seersholm</i>	
11:45-12:05		Presence of null phenotypes in AAT deficiency	
		<i>Edward Campbell</i>	
12:05-12:30		Discussion	
12:30-13:45		Lunch	
Session VII		U.S. Registry update	
		<i>Chairmen: Gill Ainsle/Nikolaus Konietzko</i>	
13:45-14:05		U.S. registry update	
		<i>Charlie Strange</i>	
14:05-14:25		Update on A.I.R. registry	
		<i>Claes-Goran Löfdhal</i>	
14:25-14:45		Swedish birth cohort	
		<i>Tomas Sveger</i>	
14:45-15:00		Discussion	
Session VIII		Open Session on clinical issues	
		<i>Chairmen: Jan Stolk/Eeva Piitulainen</i>	
15:00-16:00		Open Discussion	
16:00-16:20		Is replacement therapy efficacious?	
		<i>James K. Stoller</i>	
16:20-16:30		Discussion	
16:30		Adjournment	
20:00		Dinner	