

# GENERAL INFORMATION

## CONFERENCE VENUE

Aula Magna - Settore Didattico Colombo  
Università degli Studi di Milano  
Via L. Mangiagalli 25, Milano, Italy

The venue, located in the "Città Studi" area, is close to "Piola" stop on the subway green line (MM2).

## REGISTRATION FEE

- ▶ Full registration  
**€ 150,00** (VAT 21% included)
- ▶ Special fee for students (including post-graduates)  
**€ 30,00** (VAT 21% included)  
(*a document certifying the position is requested*)

How to register:

- ▶ **On line:** [www.mzcongressi.com/eventi](http://www.mzcongressi.com/eventi)

You can easily register by clicking on the meeting logo

*For the english version, choose the corresponding flag on the top of the page*

- ▶ **By mail:** ask for the registration form to:

MZ Congressi  
att. Patrizia Sirtori  
Via C. Farini 81, 20159 Milano, Italy  
patrizia.sirtori@mzcongressi.com

## CME CREDITS

An application to the National Council for Continuing Medical Education (CME) accreditation of this event is under way.

Further information on the web site  
[www.mzcongressi.com/eventi](http://www.mzcongressi.com/eventi).

<http://users.unimi.it/cirme/home/index.php>



UNIVERSITÀ DEGLI STUDI  
DI MILANO

Centro Interdipartimentale per la  
Riferibilità Metrologica in Medicina di Laboratorio  
(CIRME)

under the auspices of



The Joint Committee for Traceability in Laboratory Medicine



6<sup>th</sup> International Scientific Meeting  
**NEW BIOLOGIC AND ANALYTIC  
ISSUES ON HEMOGLOBIN A<sub>2</sub> AND  
OTHER MINOR HEMOGLOBINS**

November 27<sup>th</sup>, 2012

Milano

Aula Magna - Settore Didattico Colombo



Organising Secretariat:  
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# SPEAKERS & CHAIRPERSONS

## E. Bissé

Dept. of Clinical Chemistry, University Medical Center, Freiburg i. Br., Germany

## D. Cappellini

Dept. of Internal Medicine, University of Milano, Milano, Italy

## D. Caruso

Dept. of Pharmacological and Biomolecular Sciences  
Centro Riferibilità Metrologica in Medicina di Laboratorio (CIRME), Milano, Italy

## R. Galanello

Thalassemia Unit, University of Cagliari, Cagliari, Italy

## P. Kaiser

INSTAND e.V., Düsseldorf, Germany

## A. Mosca

Dept. of Science and Biomedical Technology  
Centro Riferibilità Metrologica in Medicina di Laboratorio (CIRME), Milano, Italy

## M.M. Mueller

Austrian Society of Quality Assurance and Standardisation Wien, Austria

## A. Muñoz

European Commission, Joint Research Centre, Institute for Reference Materials and Measurements (IRMM), Geel, Belgium

## M. Ospina

Protein Biomarker Laboratory, Division of Laboratory Sciences, National Center for Environmental Health Centers for Disease Control and Prevention Atlanta, GA, USA

## H. Reinauer

INSTAND e.V., Düsseldorf, Germany

## A. Van Dorsselaer

Laboratoire de Spectrométrie de Masse Bio-Organique Département des Sciences Analytiques, Institut Pluridisciplinaire Hubert Curien, UMR 7178 (CNRS-ULP) ECPM, Strasbourg, France

## B. Wild

UKNEQAS (H), Watford, UK

# PROGRAMME

10:00 Meeting inauguration

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## MORNING SESSION

*Chairpersons: E. Bissé (D), D. Cappellini (IT)*

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### 10:30 Highlights on globin gene switch: new target for therapeutics

*R. Galanello (IT)*

### 11:00 State-of-the art of HbA<sub>2</sub> and related parameters for the diagnosis of thalassemic syndromes and related hemoglobinopathies

*B. Wild (UK)*

### 11:30 Biological variability of HbA<sub>2</sub> and related parameters

*A. Mosca (IT)*

### 12:00 Minor hemoglobin adducts for environmental monitoring

*M. Ospina (US)*

12:30 Discussion

13:00 Break

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## AFTERNOON SESSION

*Chairpersons: M.M. Mueller (AT), A. Van Dorsselaer (F)*

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### 14:00 IDMS reference measurement procedures for minor hemoglobins

*P. Kaiser (D)*

### 14:30 LC-ESI/MS reference measurement procedure for HbA<sub>2</sub>

*D. Caruso (IT)*

### 15:00 Rules and requirements for certified reference materials for minor hemoglobins

*A. Muñoz (B)*

15:30 Discussion

16:00 Final remarks

*H. Reinauer (D)*

The Centre of Metrological Traceability in Laboratory Medicine (CIRME) of the University of Milano was created in 2006 with the scope to join in a unique entity teachers and investigators of various University of Milano Departments interested in the development of higher order metrological calibration materials and reference methods in the field of the Laboratory Medicine.

Its constituent Departments are:

- ▶ Dipartimento di Chimica, Biochimica e Biotecnologie per la Medicina
- ▶ Dipartimento di Medicina, Chirurgia e Odontoiatria
- ▶ Dipartimento di Scienze Cliniche "Luigi Sacco"
- ▶ Dipartimento di Scienze e Tecnologie Biomediche
- ▶ Dipartimento di Scienze Farmacologiche

List of the previous CIRME meetings:

- ▶ 1<sup>st</sup> Scientific Meeting - "Standardization of heterogeneous analyte measurements: The example of Hemoglobin A1c" - 6 November 2007
- ▶ 2<sup>nd</sup> Scientific Meeting - "Standardization in clinical enzymology: A challenge for the theory of metrological traceability" - 25 November 2008
- ▶ 3<sup>rd</sup> Scientific Meeting - "Standardization of protein biomarkers measurements: New initiatives for reference measurement systems" - 17 November 2009
- ▶ 4<sup>th</sup> Scientific Meeting - "Rethinking quality control in the traceability era" - 30 November 2010
- ▶ 5<sup>th</sup> Scientific Meeting - "Standardization of cardiac Troponin I: the ongoing international efforts" - 30 November 2011