

## PLENARY LECTURE

8.50 - 9.40

### AUDITORIUM

*Her Majesty Queen Beatrix of the Netherlands has given the NVKC and EUROMEDLAB 2007 the honour of her presence during this plenary lecture.*

### IMPACT OF MODERN GENETICS ON SOCIETY

Chair: *G.T.B. Sanders (The Netherlands)*



**J.J. Cassiman**

*Centre of Human Genetics  
Leuven - Belgium*

**Jean-Jacques Cassiman** was born on April 25, 1943 in Brussels. After his training as a MD with speciality in Pediatrics, he spent 5 years at the University of Stanford, CA. Since 1984 he is full Professor of Human Genetics and since 1999, division head of the Center for Human Genetics in Leuven, Belgium. He is director of the laboratory for forensic genetics and molecular archeology and coordinator of EU projects on Cystic Fibrosis. From 1993-99 he was secretary-general of the European Society of Human Genetics and from 2002 on he is liaison officer for the ESHG to the International Federation of Human Genetics Societies. He is secretary of EPPOSI (European Platform for Patient Organizations, Science and Industry) and board member of VIWTA (Flemish Institute for Science and Technological aspects of the Flemish Parliament). He is coordinator of the EU-funded network of Excellence EUROAGENTEST, which aims at harmonising and improving the quality of genetic testing in the EU.

### 10.00 - Exhibition Area

Official Opening of the Exhibition of EUROMEDLAB 2007 by Her Majesty Queen Beatrix of the Netherlands, followed by a visit to the exhibition.



## SOCIAL EVENTS

**18.30**

*Speakers' Reception* at the Concertgebouw.  
By invitation only.

**20.00**

*Concert* at the Concertgebouw  
Included in the Registration fee

Please remember to turn your provisional ticket into a seated one at the Social Events desk!

*For further information on social events see pages 169-170*

**10.00 - 12.30**  
**AUDITORIUM**

## EVIDENCE IN ACTION / DIABETES

**ifcc** symposium

Chairs: S. Sandberg (Norway)  
W. P. Oosterhuis  
(The Netherlands)

**10.00 - 10.30**

Standardisation of Microalbumin  
*M.J. McQueen (Canada)*

**10.30 - 11.00**

Post-Analytical External Quality  
Assessment of Microalbuminuria - an  
International Study  
*S. Sandberg (Norway)*

**11.00 - 11.30**

Quality of guidelines for diabetes  
mellitus: can we do better?  
*A.R. Horvath (Hungary)*

**11.30 - 12.00**

Natriuretic Peptides: what's the  
evidence in support of their clinical  
utilisation?  
*R.H. Christenson (USA)*

**12.00 - 12.30**

Mass Colorectal Cancer Screening:  
methodological quality of practice  
guidelines is not a guarantee of their  
content validity  
*J. Watine (France)*

## 10.00 - 12.30 FORUM

### STANDARDISATION IN LABORATORY MEDICINE: THE WAY FORWARD



Chairs: I. Young (UK)  
R.T.P. Jansen (The Netherlands)

#### 10.00 - 10.30

Traceability, reference systems and  
result comparability  
*J.C. Forest (Canada)*

#### 10.30 - 11.00

The Joint Committee on Traceability  
in Laboratory Medicine: goals and  
ongoing activities  
*M.M. Müller (Austria)*

#### 11.00 - 11.30

The contribution of the IFCC  
Scientific Division activities to  
standardisation  
*M. Panteghini (Italy)*

#### 11.30 - 12.00

Common reference intervals as  
fourth pillar of the reference system  
theory  
*F. Ceriotti (Italy)*

#### 12.00 - 12.30

Do NIST SRM 2921 and recombinant  
cTnI-based serum pools have  
potential to harmonise cTnI results?  
*Ch.M. Cobbaert (The Netherlands)*

Kindly offered by



## 10.00 - 12.30 ROOM N/O

### RECENT DEVELOPMENTS IN PARATHYROID HORMONE

Chairs: G. Beastall (UK)  
H.M. Dijkstra (The Netherlands)

#### 10.00 - 10.30

Update on structure-function  
relationships  
*J.T. Potts (USA)*

#### 10.30 - 11.00

Which PTH assay in clinical practice?  
*J.-C. Souberbielle (France)*

#### 11.00 - 11.30

Efficacy of PTH treatment  
*J. Reeve (UK)*

#### 11.30 - 12.15

Concern about the analytical and  
clinical value of PTH assays  
*T. Cantor (USA)*

#### **Free communication:**

#### 12.15 - 12.30

25 hydroxy vitamin D and parathyroid  
hormone measured in patients from primary  
and secondary care  
*J. Barron (UK)*

Kindly offered by:



10.00 - 12.30

Monday 4 June

15

10.00 - 12.30  
ROOM A

**EPIGENETICS IN  
COMPLEX DISEASE**

Chairs: F.A.J. Muskiet (The Netherlands)  
M.A. Hanson (UK)

10.00 - 10.30

Adaptation to the conditions of  
existence

*F.A.J. Muskiet (The Netherlands)*

10.30 - 11.00

Fundamentals of epigenetics and its  
relevance to human disease

*R. Feil (France)*

11.00 - 11.30

The epigenetic basis of the  
developmental origins of health and  
disease

*M.A. Hanson (UK)*

11.30 - 12.00

The role of epigenetic alterations in  
cancer

*E. Ballestar (Spain)*

**Free communications:**

12.00 - 12.15

Screening and maternal transmission  
instability of intermediate-size and  
premutation FMR1 alleles in 24,446 mother-  
newborn pairs from the general population  
*F. Rousseau (Canada)*

12.15 - 12.30

The occurrence of SFTPC mutations in  
familial idiopathic pulmonary fibrosis  
*C.H.M. Van Moorsel (The Netherlands)*

LOUNGE AUDITORIUM

Booth n°11

12.30 - 13.00

European launch of the  
*Labs are Vital Programme*

Chair: H. Storm (The Netherlands)

**POSTERS**

*Poster display:*

10.00 - 17.30

Adrenal	M001-M006
Fertility	M007-M022
Genetics	M023-M044
Haematology	M045-M084
Haemostasis	M085-M107
Infectious diseases	M108-M165
Iron metabolism/ haemochromatosis	M166-M174
Metabolic syndrome(s)	M175-M194
Neonatology	M195-M203
Pharmacogenetics/ pharmacogenomics	M204-M213
Point of Care Testing	M214-M240
Quality Assessment	M241-M272
Reproductive Endocrinology	M273-M285
Technology, Instrumentation and Methods.	M286-M377

Authors are asked to present their poster  
from 13:30 until 14:30 in order to  
encourage scientific discussion.

See page 166 for further information on  
posters. See pages 71-88 for the list of  
posters displayed on Monday 4 June and  
pages 127-161 for the authors' index.

**15.00 - 17.30**  
**AUDITORIUM**

**HAEMOGLOBINOPATHIES:  
IDENTIFICATION OF CARRIERS**

Chairs: P.C. Giordano (The Netherlands)  
J.J.M.L. Hoffmann  
(The Netherlands)

**15.00 - 15.15**

Introduction to the symposium  
*P.C. Giordano (The Netherlands)*

**15.15 - 15.45**

Screening for what? The molecular  
basis of common  
haemoglobinopathies  
*J. Traeger-Synodinos (Greece)*

**15.45 - 16.15**

Screening, why?  
*R. Galanello (Italy)*

**16.15 - 16.45**

Haemoglobinopathies: identification  
of carriers. Screening who?  
*B. Gulbis (Belgium)*

**16.45 - 17.15**

Screening how? Laboratory  
diagnostics at the haematological,  
biochemical and molecular level  
*C. L. Harteveld (The Netherlands)*

***Free communication:***

**17.15 - 17.30**

A family with multiple mutations in the alpha-  
and beta-globin gene cluster: a diagnostic  
challenge  
*K.M.K. De Vooght (The Netherlands)*

**15.00 - 17.30**  
**FORUM**

**CLINICAL CASES IN  
METABOLIC DISEASE**

Chairs: *M. Duran (The Netherlands)*  
*F. Wijburg (The Netherlands)*

INTERACTIVE

A voting system will be  
provided at the entrance of the  
Forum room.

This session will allow  
delegates to interact with the  
speaker and make the session  
an active one!



**Monday 4 June**

**- 15.00 - 17.30**

**17**

15.00 - 17.30  
ROOM N/O

**PHARMACOGENOMICS AND  
PHARMACOGENETICS**

Chairs: G. Siest (France)  
R.H.N. van Schaik  
(The Netherlands)

**15.00 - 15.30**

Cardiovascular drugs: from  
pharmacogenetics to pharmacogenomics  
and pharmacoproteomics  
*G. Siest (France)*

**15.30 - 16.00**

Cytochrome P450 pharmacogenetics  
in cancer treatment  
*R.H.N. van Schaik (The Netherlands)*

**16.00 - 16.30**

Pharmacogenetic causes of the  
pharmacokinetic and  
pharmacodynamic variability of  
immunosuppressive drugs in  
recipients of organ transplantation  
*P. Marquet (France)*

**16.30 - 17.00**

Dose adjustments based on genotype  
in psychiatry and diabetes  
*J. Kirchheiner (Germany)*

***Free communications:***

**17.00 - 17.15**

Benefits of an integrated phenotype  
genotype service for routine thiopurine  
s-methyltransferase (TPMT) testing  
*L.T. Ford (UK)*

**17.15 - 17.30**

Messenger RNA for nuclear factor kappa  
B(NFKB) and inhibitor of NFKB kinase beta  
subunit in peripheral leukocytes are excellent  
markers for oxidative stress  
*E. Smets (The Netherlands)*

15.00 - 17.30  
ROOM A

**FRONTIERS IN TECHNOLOGY  
AND METHODS - I**

Chairs: M. Mayer (Israel)  
J. Prins (The Netherlands)

**15.00 - 15.30**

Protein array chips  
*P. Bertone (UK)*

**15.30 - 16.00**

Tools for nanomedicine  
*V. Subramaniam (The Netherlands)*

**16.00 - 16.30**

Circulating nucleic acids: a non-  
invasive approach to molecular  
diagnostics  
*R.W.K. Chiu (Hong Kong)*

**16.30 - 17.00**

Plasmonic technology: a novel  
approach to ultrasensitive  
immunoassays  
*H. Szmecinski (USA)*

***Free communications:***

**17.00 - 17.15**

Evaluation of the immunotyping technique  
on the capillaries/(TM) capillary zone  
electrophoresis system  
*P.C. Chan (Canada)*

**17.15 - 17.30**

Upconversion-based fluorogenic enzyme  
assay  
*T. Soukka (Finland)*

## MEETINGS DURING THE CONGRESS

### ART ROOM

■ 10.00 - 13.00 **CLOSED MEETING**

*Standardisation Hemoglobin A2*

Chair: A. Mosca (Italy)

■ 13.30 - 17.30 **CLOSED MEETING**

*IFCC Working Group on Public Relations*

Chair: A. Khosrow (Canada)

### BOARD FORUM

■ 9.00 - 11.00 **CLOSED MEETING**

*Steering Group for the IFCC Project for Developing Countries*

Chair: J. Smith (UK)

■ 11.30 - 13.30 **CLOSED MEETING**

*Molecular Diagnostics Meeting (C-MD)*

Chair: F. Rousseau (Canada)

■ 14.00 - 18.00 **CLOSED MEETING**

*C-EBLM Meeting*

Chair: A.R. Horvath (Hungary)

### PRESS FORUM

■ 9.00 - 17.30 **CLOSED MEETING**

*C-POCT Meeting*

Chair: A.O. Okorodudu (USA)

### ROOM C

■ 9.00 - 13.00 **OPEN MEETING**

*IFCC Working Group on Standardisation of Thyroid Function Tests (WG-STFT)*

Chair: L. Thienpont (France)

■ 15.00 - 17.30 **CLOSED MEETING**

*IFCC Corporate Members Meeting*

Chair: N. Madry (Germany)

### ROOM D

■ 7.30 - 10.00 **CLOSED MEETING**

*CCLM Editorial Board Meeting*

Chair: G. Siest (France)

■ 10.30 - 14.30 **CLOSED MEETING**

*C-CLM meeting for workshop Management in Fortaleza 2008*

Chair: W. de Kieviet (The Netherlands)

■ 15.00 - 17.00 **CLOSED MEETING**

*EUROMEDLAB Innsbruck 2009 ISAB Meeting*

Chair: M.M.Müller (Austria)

■ 17.15 - 18.15 **CLOSED MEETING**

*WorldLab-EUROMEDLAB Berlin 2011 ISC Meeting*

Chair: R. Tauber (Germany)

### ROOM E+F

■ 13.00 - 16.00 **CLOSED MEETING**

*NVVC Invitational Conference on self-testing*



MEETINGS -  
Monday 4 June