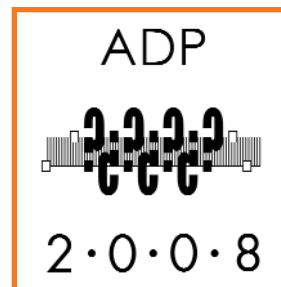


## ACKNOWLEDGEMENTS

The Chairmen of the Meeting would like to thank



**SIEMENS**



## 5<sup>th</sup> International Meeting

# ADP 2008

## Platelet P2 Receptors: from Basic Science to Clinical Practice

**Chairmen:**

**Marco Cattaneo (Milano, Italy)**  
**Christian Gachet (Strasbourg, France)**

## PROGRAM

**HOTEL PALACE**  
**Bormio, Italy**  
**June, 19-21 2008**

Under the auspices of:

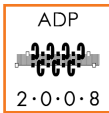


Università degli  
Studi di Milano



Società Italiana per lo Studio  
dell'Emostasi e della Trombosi

**C.M.E. ACCREDITATION**



## PROGRAM

### Thursday, June 19 – Afternoon

16:30-17:30

#### **SESSION 1** **“INTRODUCTORY LECTURES”**

Chairpersons: *Marco Cattaneo (Milano, Italy)*  
*Christian Gachet (Strasbourg, France)*

16:30-17:00

**Update on P2 receptors**  
*Jean Marie Boeynaems (Bruxelles, Belgium)*

17:00-17:30

**Platelet formation**  
*John Hartwig (Boston, USA)*

17:30-17:45

Coffee Break ☕

17:45-19:45

#### **SESSION 2** **“NEW PLAYERS IN PLATELET** **THROMBUS FORMATION”**

Chairpersons: *John Hartwig (Boston, USA)*  
*Fabiola Sinigaglia (Novara, Italy)*

17:45-18:15

**CD36, oxidative stress and platelet hyperreactivity**  
*Eugene A. Podrez (Cleveland, USA)*

18:15-18:45

**Platelet tissue factor**  
*Marina Camera (Milano, Italy)*

18:45-19:15

**Novel interactions that regulate thrombus growth and stability**  
*Skip Brass (Philadelphia, USA)*

19:15-19:45

**The role of novel platelet glycoproteins receptors in regulating platelet activation**  
*Steve Watson (Birmingham, UK)*



## PROGRAM

### Friday, June 20 – Morning

08:00-10:00

#### **SESSION 3** **“PLATELETS AND INFLAMMATION”**

Chairpersons: *Carlo Balduino (Pavia, Italy)*  
*Steve Watson (Birmingham, UK)*

08:00-08:30

**Platelets, inflammation and atherosclerosis**  
*Meinrad Gawaz (Tübingen, Germany)*

08:30-09:00

**P2Y1/atherosclerosis**  
*Béatrice Hechler (Strasbourg, France)*

09:00-09:30

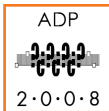
**Platelets, inflammation and acute coronary syndromes**  
*Attilio Maseri (Firenze, Italy)*

09:30-10:00

**P2Y12 and inflammation**  
*Pamela Conley (San Francisco, USA)*

10:00-10:15

Coffee Break ☕



## PROGRAM

Friday, June 20 – Morning

10:30-12:30

### **SESSION 4 “LABORATORY MONITORING OF ANTIPLATELET DRUG TREATMENT”**

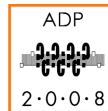
Chairpersons: *Giovanni de Gaetano (Campobasso, Italy)*  
*Meinrad Gawaz (Tübingen, Germany)*

10:30-11:00 **Variability in response to antiplatelet agents: where are we standing?**  
*Bianca Rocca (Roma, Italy)*

11:00-11:30 **Is there a need for monitoring antiplatelet drug treatment?**  
*Alan Michelson (Worcester, USA)*

11:30-12:00 **Is there an identifiable appropriate level of inhibition of platelet function by antiplatelet agents during PCI?**  
*Jean-Philippe Collet (Paris, France)*

12:00-12:30 **Is there an identifiable appropriate level of inhibition of platelet function by antiplatelet agents for long-term treatment?**  
*Maddalena Lettino (Pavia, Italy)*



## PROGRAM

Friday, June 20 – Morning

12:30-13:30

### **Oral Communications**

Chairpersons: *Bianca Rocca (Roma, Italy)*  
*Robert Storey (Sheffield, UK)*

12:30-12:45 **INCIDENCE AND CLINICAL IMPACT OF DUAL NONRESPONSIVENESS TO ASPIRIN AND CLOPIDOGREL IN PATIENTS WITH DRUG ELUTING STENTS**  
Gori AM\*, Marcucci R\*, Migliorini A°, Moschi G°, Paniccia R\*, Buonamici P°, Gensini GF\*, Vergara R°, Abbate R\*.

*\*Department of Medical and Surgical Critical Care, University of Florence, °Department of Cardiology, Careggi Hospital, Florence, Italy.*

12:45-13:00 **IMPACT OF RESIDUAL PLATELET REACTIVITY ON THE OCCURRENCE OF MACE IN ACUTE CORONARY SYNDROME PATIENTS ON DUAL ANTIPLATELET THERAPY**

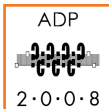
Marcucci R\*, Cordisco A\*, Gori AM,\*, Giusti B\*, Paniccia R\*, Antonucci E\*, Valente S°, Giglioli C°, Antonucci D°, Abbate R\*, Gensini GF\*.

*\*Department of Medical and Surgical Critical Care, University of Florence, °Department of Heart and Vessels, Azienda Ospedaliero-Universitaria Careggi, Florence, Italy.*

13:00-13:15

**THE BALANCE BETWEEN PRO- AND ANTI-INFLAMMATORY CYTOKINES IS ASSOCIATED WITH PLATELET AGGREGABILITY IN ACUTE CORONARY SYNDROME PATIENTS**

Gori AM, Cesari F, Marcucci R, Giusti B, Paniccia R, Antonucci E, Gensini GF, Abbate R  
*Department of Medical and Surgical Critical Care, University of Florence, Florence, Italy.*



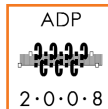
## PROGRAM

### Friday, June 20 – Morning

#### Oral Communications

- 13:15-13:30 **PLATELET REACTIVITY IN PATIENTS WITH CORONARY STENT THROMBOSIS: results from the MAPCAT (the MAgnitude of platelet inhibition after a 600 mg loading dose of clopidogrel in different Patient CATegories) study**  
Jochem W. van Werkum<sup>1,3</sup>, Sonja Postma<sup>1</sup>, Heleen J. Bouman<sup>1</sup>, Ankie M. Harmsze<sup>2</sup>, Johannes C. Kelder<sup>1</sup>, Dirk Taubert<sup>4</sup>, Freek W.A. Verheugt<sup>3</sup>, Christian M. Hackeng<sup>5</sup> and Jurriën M. ten Berg<sup>1</sup>  
*From the department of <sup>1</sup>Cardiology, St. Antonius Hospital, Nieuwegein, the Netherlands the department of <sup>2</sup>Clinical Pharmacy, St. Antonius Hospital, Nieuwegein, the Netherlands; the department of <sup>3</sup>Cardiology, UMC St. Radboud, Nijmegen, the Netherlands; the department of <sup>4</sup>Pharmacology, University of Cologne, Germany and the department of <sup>5</sup>Clinical Chemistry, St. Antonius Hospital, Nieuwegein, the Netherlands.*

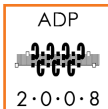
13:30-16:00 **Free time**



## PROGRAM

### Friday, June 20 – Afternoon

- 16:00-18:30 **SESSION 5**  
**“LABORATORY METHODS POTENTIALLY USEFUL FOR MONITORING ANTIPLATELET DRUG TREATMENT”**
- Chairpersons: *Alan Michelson (Worcester, USA)*  
*Vincenzo Toschi (Milano, Italy)*
- 16:00-16:25 **IMPACT**  
*David Varon (Tel Aviv, Israel)*
- 16:25-16:50 **ISTH survey on light transmission aggregometry**  
*Marco Cattaneo (Milano, Italy)*
- 16:50-17:15 **Verify-Now**  
*Rosanna Abbate (Firenze, Italy)*
- 17:15-17:40 **PFA-100**  
*Ulrich Walter (Würzburg, Germany)*
- 17:40-18:00 Coffee Break ☕
- 18:00-18:25 **Thrombovision**  
*Edward Teitel (Houston, USA)*
- 18:25-18:50 **PlaCor PRT**  
*Bill Haworth (Minneapolis, USA)*
- 18:50-19:15 **VASP**  
*Christian Gachet (Strasbourg, France)*



## PROGRAM

Friday, June 20 – Afternoon

19:15-20:15 **Oral Communications**

Chairpersons: *Jean-Philippe Collet (Paris, France)*  
*Ulrich Walter (Würzburg, Germany)*

19:15-19:30 **SHEAR-INDUCED PLATELET AGGREGATION IS MORE SENSITIVE THAN LIGHT TRANSMITTANCE AGGREGOMETRY FOR ASSESSING RESPONSE TO CLOPIDOGREL IN PATIENTS AT HIGH RISK OF THROMBOSIS.**

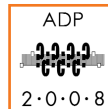
Nadine Ajzenberg<sup>1</sup>, Marie-Geneviève Huisse<sup>1</sup>, Laurent Lepage<sup>2</sup>, Bénédicte Dumont<sup>1</sup>, Laurent Feldman<sup>2</sup>, Marie-Claude Guillin<sup>1</sup>, Philippe Gabriel Steg<sup>2</sup>.

<sup>1</sup>Department of Hematology, <sup>2</sup>Département of Cardiology, AP-HP, Bichat Hospital, Paris, France.

19:30-19:45 **THE INFLUENCE OF CLINICAL CHARACTERISTICS, LABORATORY AND INFLAMMATORY MARKERS ON “HIGH ON-TREATMENT PLATELET REACTIVITY” AS MEASURED WITH DIFFERENT PLATELET FUNCTION TESTS.**

Ellen H.A.M. Eisenberg<sup>1</sup>, Jochem W. van Werkum<sup>2</sup>, A. Carla Zomer<sup>2</sup>, Funda çay<sup>1</sup>, Heleen J. Bouman<sup>2</sup>, Jurriën M. ten Berg<sup>2</sup> and Christian M. Hackeng<sup>1</sup>.

From the department of <sup>1</sup>Clinical Chemistry and the department of <sup>2</sup>Cardiology, St. Antonius Hospital Nieuwegein, The Netherlands.



## SCIENTIFIC INFORMATION

Friday, June 20 – Afternoon

**Oral Communications**

19:45-20:00 **CYTOCHROME P450 2C19 LOSS-OF-FUNCTION POLYMORPHISM IS ASSOCIATED WITH THE OCCURRENCE OF DRUG-ELUTING STENT THROMBOSIS**

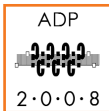
\*<sup>o</sup>Betti Giusti, \*<sup>o</sup>Anna Maria Gori, \*<sup>o</sup>Rossella Marcucci, \*Claudia Saracini, \*Ilaria Sestini, \*<sup>o</sup>Rita Paniccia, ‡<sup>o</sup>Piergiovanni Buonamici, ‡<sup>o</sup>David Antoniucci, \*<sup>o</sup>Rosanna Abbate, §<sup>o</sup>Gian Franco Gensini;

\*Department of Medical and Surgical Critical Care, University of Florence, Florence, Department of Heart and Vessel, Italy; <sup>o</sup>Department of Heart and Vessel, Azienda Ospedaliero-Universitaria Careggi, Florence, Italy; ‡Division of Cardiology, Azienda Ospedaliero-Universitaria Careggi, Florence, Italy; §S.Maria agli Ulivi Center, Don Carlo Gnocchi Foundation IRCCS, Impruneta, Florence, Italy.

20:00-20:15 **INDIVIDUALIZING ANTIPLATELET THERAPY: THE NEXT FRONTIER**

Robert S. Hillman, PhD<sup>1</sup>.; Matthew Price M.D.<sup>2</sup>

1. *Accumetrics, Inc.*; 2. *Division of Cardiovascular Disease, Scripps Health, 10666 North Torrey Pines Road, La Jolla, CA 92037, USA*



## PROGRAM

Saturday, June 21 – Morning

08:30-12:00

### SESSION 6 “NEW DRUGS, NEW RCT”

Chairpersons: *Maddalena Lettino (Pavia, Italy)*  
*Pierangelica Merlini (Milano, Italy)*

08:30-09:00 **Prasugrel: pharmacokinetics, pharmacodynamics, planned and ongoing RCT**  
*Joseph Jakubowsky (Indianapolis, USA)*

09:00-09:30 **Prasugrel in the treatment of patients with ACS: the TRITON-TIM 38 trial**  
*Stefano De Servi (Legnano, Italy)*

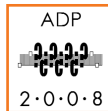
09:30-10:00 **AZD6140: pharmacokinetics and pharmacodynamics and planned and ongoing RCT**  
*Hans van Giezen (Möln dal, Sweden)*

10:00-10:30 Coffee Break ☕

10:30-11:00 **Cangrelor: pharmacokinetics and pharmacodynamics and planned and ongoing RCT**  
*Robert Storey (Sheffield, UK)*

11:00-11:30 **Clopidogrel: evolving knowledge and clinical evidence in atherothrombotic patients**  
*Jean-Philippe Collet (Paris, France)*

11:30-12:00 **The anti-atherothrombotic properties of the TP-receptor antagonist Triplion**  
*Alain Rupin (Paris, France)*



## PROGRAM

Saturday, June 21 – Morning

12:00-13:00

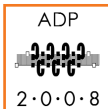
### Oral Communications

Chairpersons: *Marina Camera (Milano, Italy)*  
*Béatrice Hechler (Strasbourg, France)*

12:00 -12:15 **INVERSE SENSITIVITY TO P2Y<sub>1</sub> AND P2Y<sub>12</sub> RECEPTOR INHIBITION IN APOE<sup>-/-</sup> AS COMPARED TO WT MICE IN A MODEL OF FECL<sub>3</sub>-INDUCED THROMBOSIS**  
*Marie Jourdain, Béatrice Hechler, Murielle Zerr-Fouineau, Jean-Pierre Cazenave, Monique Freund, \*Ken Jacobson, Christian Gachet*  
*Institut National de la Santé et de la Recherche Médicale, U.311, Strasbourg, France ; Etablissement Français du Sang-Alsace, Strasbourg, France ; Université Louis Pasteur, Strasbourg, France; \*National Institute of Diabetes & Digestive & Kidney Diseases, National Institutes of Health, Bethesda, MD, USA*

12:15-12:30

**THE REVERSIBLE P2Y<sub>12</sub> ANTAGONIST CANGRELOR INFLUENCES THE ABILITY OF THE ACTIVE METABOLITES OF CLOPIDOGREL AND PRASUGREL TO PRODUCE IRREVERSIBLE INHIBITION OF PLATELET FUNCTION.**  
*NL Dovlatova<sup>1</sup>, JA Jakubowski<sup>2</sup>, A Sugidachi<sup>3</sup>, S Heptinstall<sup>1</sup>.*  
*<sup>1</sup> Cardiovascular Medicine, University of Nottingham, United Kingdom, <sup>2</sup> Lilly Research Laboratories, Eli Lilly and Company, Indianapolis, USA, <sup>3</sup>Shinagawa R&D Center, Daiichi Sankyo Co., Ltd., Tokyo, Japan.*



## PROGRAM

Saturday, June 21 – Morning

### Oral Communications

12:30-12:45 **CLOPIDOGREL 150 MG/DAY TO OVERCOME LOW RESPONSIVENESS IN PATIENTS UNDERGOING ELECTIVE PERCUTANEOUS CORONARY INTERVENTION. RESULTS FROM THE VASP-02 STUDY**

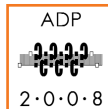
B Aleil <sup>\*,†</sup>, R El Belghiti<sup>‡</sup>, F de Poli<sup>§</sup>, JP Collet<sup>‡</sup>, G Montalescot<sup>‡</sup>, JP Cazenave<sup>\*</sup>, MC Dickel<sup>§</sup>, JP Monassier<sup>‡</sup>, C Gachet<sup>\*</sup>

*Institut National de la Santé et de la Recherche Médicale U.311, Etablissement Français du Sang - Alsace, Strasbourg, France ; <sup>†</sup> Service de Cardiologie, Clinique de l'Orangerie, Strasbourg, France; <sup>‡</sup> Service de Cardiologie, Hôpital Emile Muller, Mulhouse, France; <sup>§</sup> Service de Cardiologie, Centre Hospitalier Général, Haguenau, France; <sup>‡</sup>Institut de Cardiologie and INSERM U856, Hôpital Pitié-Salpêtrière (AP-HP), Paris, France*

12:45-13:00 **PHAGOCYTOSIS OF ACTIVATED PLATELETS BY CIRCULATING NEUTROPHILS IN ACUTE MYOCARDIAL INFARCTION**

Norma Maugeri<sup>\*</sup>, Patrizia Rovere-Querini<sup>‡</sup>, Licia Totani<sup>‡</sup>, Antonio Piccoli<sup>‡</sup>, Annalisa Capobianco<sup>‡</sup>, Maria T. S. Bertilaccio<sup>‡</sup>, Cesare Covino<sup>\*</sup>, Virgilio Evangelista<sup>‡</sup>, Angelo A. Manfredi<sup>‡</sup>, Attilio Maseri<sup>‡</sup>

*\*H San Raffaele Scientific Institute and Università Vita-Salute San Raffaele. <sup>‡</sup>Laboratory of Vascular Biology and Pharmacology, Consorzio Mario Negri Sud, Santa Maria Imbaro, Italy.*



## SCIENTIFIC INFORMATION

### POSTERS

P1 **POINT-OF-CARE METHODS TO EVALUATE RESIDUAL PLATELET REACTIVITY IN HIGH RISK PATIENTS WITH ISCHEMIC HEART DISEASE**

Paniccia R, Antonucci E, Marcucci R, Maggini N, Romano E, Cesari F, Fatini C, Fedi S, Gori AM, Prisco D, Abbate R, Gensini GF

*Dept. of Medical and Surgical Critical Care, Thrombosis Centre, University of Florence, Azienda Ospedaliero-Universitaria Careggi, Florence*

P2 **ADP-INDUCED PHOSPHORYLATION OF PLATELET AKT FOR THE ASSESSMENT OF THE RESPONSE TO CLOPIDOGREL**

Didier Carrié<sup>1</sup>, Cédric Garcia<sup>2</sup>, Marie-Pierre Gratacap<sup>3</sup>, Françoise Nguyen<sup>2</sup>, Sophie Voisin<sup>2</sup>, Bernard Payrastre<sup>3</sup> and Pierre Sié<sup>2,4</sup>

*<sup>1</sup>Service de Cardiologie, <sup>2</sup>Laboratoire d'Hématologie, <sup>3</sup>INSERM U563 Centre de Physiopathologie de Toulouse Purpan (Département d'Oncogénèse et Signalisation dans les Cellules Hématopoïétiques), <sup>4</sup>INSERM U858 (I2MR), CHU de Toulouse and Université Paul Sabatier, Toulouse, France*

P3 **DETECTION OF P2Y<sub>14</sub> RECEPTOR PROTEIN ON PLATELETS AND INVESTIGATION OF THE ROLE OF P2Y<sub>14</sub> IN PLATELET FUNCTION**

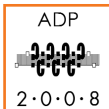
N Dovlatova<sup>1</sup>, YD Wijeyeratne<sup>1</sup>, SC Fox<sup>1</sup>, P Manolopoulos<sup>1</sup>, AJ Johnson<sup>1</sup>, AE White<sup>1</sup>, L Latif<sup>2</sup>, V Ralevic<sup>2</sup>, S Heptinstall<sup>1</sup>

*<sup>1</sup>Cardiovascular Medicine, School of Medical and Surgical Sciences, University of Nottingham, <sup>2</sup>Centre for Integrated Systems Biology and Medicine, School of Biomedical Sciences, University of Nottingham*

P4 **DIADENOSINE P<sup>1</sup>, P<sup>4</sup>-TETRAPHOSPHATE AND ITS TETRAPHOSPHONATE DERIVATIVES SYNERGISTICALLY INHIBIT PLATELET ACTIVATION VIA BOTH P2Y<sub>1</sub> AND P2Y<sub>12</sub>**

Andrew L. Frelinger<sup>1</sup>, Hung Chang<sup>1,2</sup>, Ivan B. Yanachkov<sup>3</sup>, YouFu Li<sup>1</sup>, Marc R. Barnard<sup>1</sup>, George E. Wright<sup>3</sup>, and Alan D. Michelson<sup>1</sup>

*<sup>1</sup>Center for Platelet Function Studies, Department of Pediatrics, University of Massachusetts Medical School, Worcester, MA, <sup>2</sup>Hematology Division, Chang Gung Memorial Hospital, Taipei, Taiwan, <sup>3</sup>GL Synthesis, Worcester, MA*



## SCIENTIFIC INFORMATION

### POSTERS

P5 **INHIBITION OF ADP-INDUCED PLATELET AGGREGATION IS INFLUENCED BY GENETIC POLYMORPHISMS IN THE P2RY12 GENE AFTER DIRECT P2Y12 RECEPTOR BLOCKADE**

Heleen J. Bouman<sup>1</sup>, Jochem W. van Werkum<sup>1</sup>, Goran Rudež<sup>2</sup>, Adrian Kruit<sup>3</sup>, Christian M. Hackeng<sup>3</sup>, Jurriën M. ten Berg<sup>1</sup>, Moniek P. M. de Maat<sup>2</sup> and Henk J.T Ruven<sup>3</sup>

*From the Department of <sup>1</sup>Cardiology, St. Antonius Hospital Nieuwegein, the Netherlands, the Department of Hematology<sup>2</sup>, Erasmus University Medical Center, Rotterdam, the Netherlands, the Department of <sup>3</sup>Clinical Chemistry, St. Antonius Hospital Nieuwegein, the Netherlands.*

### PROJECTIONS

PC Power Point (no Macintosh).

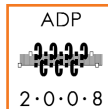
Your pen drive or CD must be handed in at the "Projection center" at least one hour before the beginning of the session.

### OFFICIAL LANGUAGE

The official language of the Meeting is English.

### CONTINUING MEDICAL EDUCATION

Credits for C.M.E. program have been requested to the Italian Ministry of Health.



## GENERAL INFORMATION

### CONGRESS VENUE

#### Palace Hotel Bormio

Via Milano, 54  
23032 BORMIO (SO)  
ph. +39 0342-903131  
fax +39 0342-903366  
www.palacebormio.it  
info@palacebormio.it

### SECRETARIAT DESK

The Secretariat Desk is at disposal of participants during all the Meeting.

### ORGANIZING SECRETARIAT



#### N.L. Congressi s.r.l

Via di Filomarino, 6 - 00199 Roma - I  
Telephone +39 06 85 30 56 21  
Fax +39 06 85 35 12 94  
E-mail: nl@nlcongressi.it  
www.nlcongressi.it/adp2008

### REGISTRATION FEE

Euro 220 (VAT 20% included)

#### The registration fee includes:

- Abstracts
- Attendance certificate
- Coffee Breaks
- Congress documents
- Dinners
- Transfers

### HOTEL ACCOMMODATION

#### Palace Hotel Bormio

Single room: Euro 115,00  
Double room: Euro 190,00

*Prices are per night with half board treatment, beverage included.*

### ATTENDANCE CERTIFICATE

A certificate of attendance will be issued to all registered participants upon request at the Secretariat Desk at the end of the Meeting.