

June 10-11, 2005
Grand Hotel Villa Ignea
Palermo (Italy)

Investigator Generated Satellite Symposium

Scientific Committee

V. Campese
(Los Angeles)
G. Cerasola *(Palermo)*
G. Mancia *(Milano)*
L.M. Ruilope *(Madrid)*
C. Zoccali
(Reggio Calabria)

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THE KIDNEY AND CARDIOVASCULAR RISK

June 10 - 09.00-18.30 hrs.

Workshop on Renin-angiotensin system, dyslipidemia and chronic renal failure

Chairpersons:
G. Cerasola *(Palermo, Italy)*
S. Novo *(Palermo, Italy)*

Epidemiology and pathophysiology of chronic renal failure

V.E. Andreucci *(Naples, Italy)*

Renin-angiotensin system, cardiovascular and renal risk

B. Trimarco *(Naples, Italy)*

Dyslipidemia and chronic renal failure: role of statins

S. Bianchi *(Livorno, Italy)*

Discussion

Welcome coffee and opening remarks

Main lecture

Chairperson: **F.P. Schena** *(Bari, Italy)*

Nephron number and renal risk in hypertension and diabetes

E. Ritz *(Heidelberg, Germany)*

SESSION I

The kidney and arterial hypertension

Chairpersons:
A. Pessina *(Padua, Italy)*
A. Rappelli *(Ancona, Italy)*

Cardiovascular comorbidity in chronic kidney disease in Europe

F. Locatelli *(Lecco, Italy)*

The kidney as villain and victim of hypertension

G.A. Cinotti (*Rome, Italy*)

Calcium channel blockers, the kidney and hypertension: insights from latest clinical trials

L.M. Ruilope (*Madrid, Spain*)

Discussion

Main lecture

Chairperson: **A. Santucci** (*L'Aquila, Italy*)

Multifactorial aspects of cardiovascular risk
G. Mancia (*Milan, Italy*)

Discussion

Lunch

SESSION II

The kidney and malnutrition

Chairpersons:

E. Ambrosioni (*Bologna, Italy*)

C. Zoccali (*Reggio Calabria, Italy*)

Predictor of renal dysfunction in a large italian cohort (The Olivetti Prospective Heart Study)

P. Strazzullo (*Naples, Italy*)

Malnutrition and cardiovascular risk in chronic kidney disease

S. Cottone (*Palermo, Italy*)

Calcium-phosphorus metabolism, PTH and cardiovascular calcification in uremia

D. Brancaccio (*Milan, Italy*)

Anemia, erythropoietin and heart failure in chronic kidney disease

D. Silverberg (*Tel Aviv, Israel*)

Endotelium and ADMA at the crossroad of cardio-renal risk

C. Zoccali (*Reggio Calabria, Italy*)

Discussion

Coffee break

Main lecture

Chairperson: **V. Campese** (*Los Angeles, CA, USA*)

Diabetic nephropathy: what we learned from it?

G.C. Viberti (*London, UK*)

June 11 - 09.00-13.30 hrs.

SESSION III

The kidney and the heart

Chairpersons:

V.E. Andreucci (*Naples, Italy*)

G. Bellinghieri (*Messina, Italy*)

S. Novo (*Palermo, Italy*)

Left ventricular geometry and cardiovascular events in renal failure

G. De Simone (*Naples, Italy*)

Management of the patient with heart failure and renal insufficiency

M. Volpe (*Rome, Italy*)

Ultrafiltration in heart failure

G. Marenzi (*Milan, Italy*)

Cardiovascular events in dialysis patient: best cardiac protection

F.P. Schena (*Bari, Italy*)

Sudden death in the uremic patient

G. Cannella (*Genoa, Italy*)

Discussion

Coffee break

SESSION IV

Cardiac and renal protection

Chairpersons:

G. Leonetti (*Milan, Italy*)

G. Licata (*Palermo, Italy*)

Microalbuminuria, an integrated marker of cardiovascular damage in arterial hypertension

G. Cerasola (*Palermo, Italy*)

Cardiac protection in hypertensive diabetic patient: Prime project, Renaal and Life studies

E. Agabiti Rosei (*Brescia, Italy*)

Progression of kidney disease: is ACE-Inhibition or AT-1 receptor blockade the solution to the problem?

V. Campese (*Los Angeles, CA, USA*)

Lipids, atherosclerosis and chronic kidney disease

A. Notarbartolo (*Palermo, Italy*)

Discussion

Closing Remarks

June 10-11, 2005
Jagiellonian
University
Medical College
Cracow (Poland)

Investigator Generated Satellite Symposium

Organizer:

I Cardiac Department,
Jagiellonian University
Medical College

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Vice-President:

D. Czarnecka

Members:

A. Pająk
W. Lubaszewski
K. Stolarz
J. Popaszkievicz

PREVENTION OF ARTERIAL HYPERTENSION

Is prevention of arterial hypertension possible?

Chairpersons:

A. Januszewicz (*Warsaw, Poland*)

K. Kawecka-Jaszcz (*Cracow, Poland*)

Development of hypertension care in Finland

A. Nissinen (*Helsinki, Finland*)

The dynamics of alcohol and blood pressure

A. Evans (*Belfast, UK*)

Nonpharmacological aspects and arterial hypertension in Kraków

A. Pająk (*Cracow, Poland*)

Can we improve the efficacy of antihypertensive treatment?

Chairpersons:

Z. Gaciong (*Warsaw, Poland*)

P. Podolec (*Cracow, Poland*)

Choice of antihypertensive agents and therapeutic efficacy

K. Narkiewicz (*Gdansk, Poland*)

The patient with high normal blood pressure - to treat or not to treat?

D. Czarnecka (*Cracow, Poland*)

Refractory arterial hypertension

A. Tykarski (*Poznan, Poland*)

Education of hypertensive patients

T. Grodzicki (*Cracow, Poland*)

How to improve therapeutic efficacy in the elderly?

B. Gryglewska (*Cracow, Poland*)

Arterial hypertension as a public health issue - panel discussion

Chairpersons:

R. Cífková (*Prague, Czech Republic*)

A. Rynkiewicz (*Gdansk, Poland*)

Panel:

A. Nissinen (*Helsinki, Finland*)

R. Cífková (*Prague, Czech Republic*)

P. Jonas (*Kosice, Slovakia*)

G. Sakalnikas (*Kaunas, Lithuania*)

V. Dzerve (*Riga, Latvia*)

R. Accetto (*Ljubljana, Slovenia*)

T. Zdrojewski (*Gdansk, Poland*)

June 16, 2005
13.00-19.20 hrs.
Aula Magna - U8
Facoltà di Medicina
Università
Milano-Bicocca
Via Cadore, 48
20052 Monza-MI (Italy)

**Scientific Secretariat
and Committee:**

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NEW INSIGHTS IN FACTORS PROMOTING RENAL DAMAGE

Registration and lunch

Tissue factors

Chairpersons:

G. D'Amico (*Milan, Italy*)

A. Dal Canton (*Pavia, Italy*)

Cytokines in the progression of renal damage

H. Haller (*Hannover, Germany*)

Renin-Angiotensin-System and extracellular matrix turnover

A. Stella (*Monza-MI, Italy*)

Epithelial-mesenchymal transition promotes renal fibrosis

M.P. Rastaldi (*Milan, Italy*)

Discussion

Systemic factors

Chairpersons:

G. Buccianti (*Monza-MI, Italy*)

D. Cusi (*Milan, Italy*)

ESRD: role of arterial hypertension

L.M. Ruilope (*Madrid, Spain*)

ESRD: role of metabolic syndrome

T.F. Lüscher (*Zurich, Switzerland*)

Anemia: an emerging renal and cardiovascular risk

C. Zoccali (*Reggio Calabria, Italy*)

Discussion

Coffee break

Therapeutic aspects

Chairpersons:

G. Cinotti (*Rome, Italy*)

A. Morganti (*Milan, Italy*)

Role of HMG-CoA reductase inhibitors in the prevention of ESRD

E. Ritz (*Heidelberg, Germany*)

Drug association in blocking the progression of renal disease

R. Pontremoli (*Genoa, Italy*)

Regression of renal and cardiovascular disease: future perspectives

P. Ruggenti (*Bergamo, Italy*)

It's time for pharmacogenomics ?

G. Bianchi (*Milan, Italy*)

Discussion

Closing remarks

G. Mancia (*Monza, Italy*)

CME questionnaire

A. Stella (*Monza-MI, Italy*)

June 16, 2005
08.30-16.45 hrs.
Sala Assemblée
Banca Intesa
Piazza Belgioioso 1
Milan (Italy)

Organiser:

G. Parati

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CARDIORESPIRATORY EFFECTS OF HYPOXIA: FROM HIGH ALTITUDE TO BEDSIDE

**International Workshop endorsed by the ESH
Working Group on Blood Pressure and Heart
Rate Variability**

**Endorsed by COST Action B26 - Obstructive
Sleep Apnea European Cooperation in the
Field of Scientific and TEchnical Research
COST is supported by the EU Framework
Programme**



Welcome

G. Ancarani (*Milan, Italy*)

A. Zanchetti (*Milan, Italy*)

Adaptation to high altitude hypoxia

Chairpersons:

G. Miserocchi (*Milan, Italy*)

J. Pouysségur (*Nice, France*)

HIF gene expression and hypoxia signaling

J. Pouysségur (*Nice, France*)

A role for endothelin in the response to hypoxia at altitude

P. Modesti (*Florence, Italy*)

Periodic breathing at altitude

G. Insalaco (*Palermo, Italy*)

Extravascular lung fluid accumulation at high altitude in recreational and elite climbers

A. Cogo (*Ferrara, Italy*)

Hypoxic interstitial pulmonary edema

G. Miserocchi (*Milan, Italy*)

Coffee break

Effects of hypoxia on physiologic control mechanisms

Chairpersons:

K. Narkiewicz (*Gdansk, Poland*)

G. Parati (*Milan, Italy*)

Chemoreflex activation at altitude and in congestive heart failure patients

P. van De Borne (*Brussels, Belgium*)

Muscle sympathetic nerve activity under hypoxic conditions and in CHF patients

K. Narkiewicz (*Gdansk, Poland*)

Baroreflex function and cardiovascular variability at altitude and in CHF patients

G. Bilo (*Milan, Italy and Cracow, Poland*)

Autonomic and humoral cardiovascular regulation in hypoxic obese subjects

A. Pathak (*Toulouse, France*)

Metabolic effects of hypoxia at altitude and in obesity

G. Savia (*Milan and Verbania, Italy*)

CRP, leptin, neuropeptide Y in obese patients and in OSAS

F. Barbé (*Palma De Mallorca, Spain*)

Lunch

Counteracting the effects of hypoxia at altitude and in chronic hypoxic patients

Chairpersons:

G. Mancia (*Milan, Italy*)

K. Narkiewicz (*Gdansk, Poland*)

DLCO and exercise performance in heart failure: a role only in hypoxic conditions or also with normoxic air breathing?

P. Agostoni (*Milan, Italy*)

Intermittent exposure to controlled hypoxia: a role for interval hypoxic training in improving response to hypoxia?

I. Ehrenbourg (*Moscow, Russia*)

Slow breathing exercise and adaptation to hypoxia at altitude and in CHF patients

G. Parati (*Milan, Italy*)

CPAP treatment, sleep disordered breathing and hypoxia in patients with cardiorespiratory disease

A. Baghiroli (*Veruno-NO, Italy*)

Conclusions

G. Mancia (*Milan, Italy*), G. Parati (*Milan, Italy*)

June 16, 2005
13.00-15.00 hrs.
Excelsior Gallia Hotel
Rossini Room
Milan (Italy)

Investigator Generated Satellite Symposium

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BLOOD PRESSURE LOWERING AND INDEPENDENT DRUG EFFECTS: COMPELLING NEW EVIDENCE FROM THE BLOOD PRESSURE TRIALISTS' COLLABORATION

Chairperson: **R. Fagard** (*Leuven, Belgium*)

Welcome and introduction

Do patient age, sex and baseline blood pressure matter?

**The evidence for selecting particular agents
for certain patient groups**

B. Neal (*Sydney, Australia*)

Blood pressure lowering in diabetes: results from the Trialists' overviews and ALLHAT

B. Davis (*Houston, TX, USA*)

Afternoon tea

New evidence of blood pressure-independent effects for agents acting via the renin- angiotensin system

F. Turnbull (*Sidney, Australia*)

Making the blood pressure messages clear: implications for blood pressure guidelines

G. Mancia (*Milan, Italy*)

Discussion

June 22, 2005
08.45-17.00 hrs.
Savoy Palace
Via Zanardelli 2/4
Gardone Riviera-BS
(Italy)

Organiser:

E. Agabiti Rosei

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VASCULAR DAMAGE IN HYPERTENSION. ASSESSMENT, PATHOPHYSIOLOGY, TREATMENT

Microcirculation

Chairpersons:

E. Agabiti Rosei (*Brescia, Italy*)

M. Volpe (*Rome, Italy*)

Speakers and Discussants:

A.M. Heagerty (*Manchester, UK*)

A. Salvetti (*Pisa, Italy*)

L.M. Ruilope (*Madrid, Spain*)

Coffee break

Large arteries stiffness

Chairpersons:

G. Leonetti (*Milan, Italy*)

B. Trimarco (*Naples, Italy*)

Speakers and Discussants:

J. Redon (*Madrid, Spain*)

S. Laurent (*Paris, France*)

M. Safar (*Paris, France*)

G. Mancina (*Milan, Italy*)

Lunch

Atherosclerotic plaque

Chairpersons:

M. Alderman (*New York, NY, USA*)

E. Ambrosioni (*Bologna, Italy*)

Speakers and Discussants:

H. Haller (*Hannover, Germany*)

A. Zanchetti (*Milan, Italy*)

A. Pessina (*Padua, Italy*)

A. Manolis (*Athens, Greece*)

A. Rappelli (*Ancona, Italy*)

Summary and closing

G. Mancina (*Milan, Italy*)

E. Agabiti Rosei (*Brescia, Italy*)

June 23, 2005
09.30-16.00 hrs.
Aula Magna
Collegio Morgagni
Via S. Massimo 33
Padua (Italy)

Investigator Generated Satellite Symposium

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HEART RATE, SYMPATHETIC OVERACTIVITY AND THE CARDIOVASCULAR RISK

I SESSION

Chairpersons:

G. Mancia (*Milan, Italy*)

S. Julius (*Ann Arbor, MI, USA*)

Heart rate as a marker of autonomic imbalance

G. Parati (*Milan, Italy*)

Interactive effect of heart rate and sympathetic activity on blood pressure

K. Narkiewicz (*Gdansk, Poland*)

Discussion

G. Parati (*Milan, Italy*)

K. Narkiewicz (*Gdansk, Poland*)

II SESSION

Chairpersons:

C. Dal Palù (*Padua, Italy*)

A. Zanchetti (*Milan, Italy*)

Sympathetic overactivity in the obese: role of fat distribution

G. Grassi (*Milan, Italy*)

Connection between sympathetic overactivity and overweight in hypertension

M.C. Valentini (*Milan, Italy*)

Discussion

G. Grassi (*Milan, Italy*)

M.C. Valentini (*Milan, Italy*)

Coffee break

III SESSION

Chairpersons:

A.C. Pessina (*Padua, Italy*)

K. Narkiewicz (*Gdansk, Poland*)

Tachycardia and the metabolic syndrome

P. Strazzullo (*Naples, Italy*)

Links between heart rate and blood pressure

M. Winnicki (*Padua, Italy*)

Evidence for heart rate as a cardiovascular risk factor

P. Palatini (*Padua, Italy*)

Discussion

P. Strazzullo (*Naples, Italy*)

M. Winnicki (*Padua, Italy*)

P. Palatini (*Padua, Italy*)

Lunch

IV SESSION

Chairpersons:

S. Julius (*Ann Arbor, MI, USA*)

A. Zanchetti (*Milan, Italy*)

Roundtable discussion:

- **Methods of measurement for resting heart rate**
- **Upper normal limits for heart rate as a risk factor**
- **Treatment of tachycardia in the normotensive and the hypertensive subject**
G. Mancia (*Milan, Italy*)
P. Palatini (*Padua, Italy*)
A.C. Pessina (*Padua, Italy*)

CME Questionnaire

P. Palatini (*Padua, Italy*)

July 15-16, 2005
Hotel Saint John
Myconos (Greece)

Investigator Generated Satellite Symposium

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METABOLIC SYNDROME: A GROWING CHALLENGE

FRIDAY, JULY 15, 2005 - 18.15/21.00

President's Welcome

LECTURE

Results of recent clinical trials

H. Gavras (*Boston, MA, USA*)

LECTURE

Is it the time to update of the ESH guidelines

G. Mancia (*Milan, Italy*)

Welcome reception and dinner

SATURDAY, JULY 16, 2005 - 08.00/19.00

Breakfast Research Meeting

LECTURE

Prevalence and definition of the MetS

W. Alexander (*Atlanta, GA, USA*)

1st SESSION

Pathophysiology and mechanisms of the MetS

Insulin resistance

T. Alexandridis (*Patras, Greece*)

Obesity

G. Panotopoulos (*Athens, Greece*)

Hyperlipidemia

M. Elisaf (*Ioannina, Greece*)

Hypertension

S. Erdine (*Istanbul, Turkey*)

Sympathetic nervous system and the MetS

G. Grassi (*Milan, Italy*)

Coffee break

2nd SESSION

MetS and target organ damage

Kidneys

G. Bakris (*Chicago, IL, USA*)

Heart and vessels

E. Agabiti Rosei (*Brescia, Italy*)

New onset of diabetes

H. Brunner (*Lausanne, Switzerland*)

Sexual dysfunction

D. Chatzichristos (*Thessaloniki, Greece*)

LECTURE

Endocannabinoid system: a novel therapeutic target for the management of multiple CV risk factors

D. Michailides (*UK*)

3rd SESSION

Are we ready to treat the MetS ?

Obesity

K. Narkiewicz (*Gdansk, Poland*)

Diabetes mellitus

A. Mitrakou (*Athens, Greece*)

Hyperlipidemia

G. Kolovou (*Athens, Greece*)

Hypertension

C. Zamboulis (*Thessaloniki, Greece*)

Combination treatment: What's new?

C. Farsang (*Budapest, Hungary*)

Overview of the MetS.

Do we need new, and more accurate criteria?

A. Heagerty (*Manchester, UK*)