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17th WORLD CONGRESS OF THE INTERNATIONAL UNION OF ANGIOLOGY LONDON 3-7 APRIL 1995

PATRON: HRH PRINCESS ALEXANDRA

QUEEN ELIZABETH II CONFERENCE CENTRE, LONDON, SW1

Hosted by: The Forum on Angiology - The Royal Society of Medicine

Under the Auspices of

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ARGENTINIAN COLLEGE OF VENOUS AND LYMPHATIC SURGERY
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MESSAGE FROM THE PRESIDENT ELECT OF THE INTERNATIONAL UNION OF ANGIOLOGY

The International Union of Angiology organises a World Congress every three years. This scientific event will take place for the first time in London. It will bring together specialists in the fields of vascular medicine and surgery, radiology, neurology, microcirculation, phlebology, cardiology, dermatology, ultrasonography, diabetology, epidemiology and vascular technology to deal with the multidisciplinary approach to the investigation, treatment and prevention of vascular disorders.

Changing and overlapping roles form the dominant theme; radiologists successfully treat their patients as well as study them; surgeons have needed to become more closely acquainted with the territory of cardiology, the finer decisions of neurology and now have taken up the new skills of endovascular surgery. Vascular physicians play a most prominent role in the management of vascular patients.

The Executive Board, the Angiology Forum of the Royal Society of Medicine, the Local Scientific Committee and I look forward to welcoming you to London in April 1995. **ANDREW NICOLAIDES, PRESIDENT-ELECT**

Deadline for receipt of abstracts is 21 September 1994

IUA PRIZE: The IUA prize will be awarded to the best 10 minute communication according to originality and standard of presentation.

IUA SCIENTIFIC AWARD (Sponsored by Lipha): The IUA Scientific Award (DM10,000) will be given for the best scientific paper or papers, published or unpublished during the last 2 years.

NONINVASIVE VASCULAR TECHNOLOGY SESSIONS: Abstracts submitted by vascular technologists will be selected by a vascular technologist's committee for presentation in special sessions (Please see Final Announcement and Request for Abstracts for details of the above).

In addition to oral, video and poster presentations a number of courses and symposia have been organised 1. Medical Writing and Publishing Course. 2. Noninvasive Vascular Investigation Course 3. Teaching by Experts ("How I do it"). 4. Symposium on Biology of Vascular Disease.

EXAMPLES OF SESSIONS BY INVITED EXPERTS

CLINICAL APPLICATIONS OF LASER-DOPPLER FLOWMETRY

Chairmen: A Bollinger, J Tooke

Microcirculation: methods of evaluation (C Michel, UK)
Introduction to clinical applications of LDF (A Bollinger, (Switzerland)
Diabetic microangiopathy (J Tooke, UK)
Peripheral vascular disease (H Boccalon, France)
Combined methods of evaluation (U Franzeck and U Hoffmann, Switzerland)
Skin perfusion pressure (J Castronuovo, USA)
Technical problems and technical standards (N Barnett, UK)
LDF in venous disease (P Coleridge Smith, UK)
High perfusion microangiopathy. Flux and oedema (G Belcaro, Italy)
Limitations and problems in clinical applications (B Fagrell, Sweden)
Laser Doppler imager in the evaluation of ischaemic ulcers (H Ehringer, Austria)

Peripheral ischaemia: vasomotion and reactive hyperaemia in muscle and skin (U. Hoffmann and A Bollinger, Switzerland)

MUSCLE ISCHAEMIA. LOCAL AND SYSTEMIC EFFECTS ON MICROCIRCULATION

Organised by the British Microcirculation Society
Chairmen: O Hudlicka and C Shearman

Reperfusion after ischaemia - changes in permeability and role of leucocytes (RJ Korthuis, USA)
Adhesion molecules on endothelial cells and leucocytes (PG Hellewell, UK)
Microcirculation during ischaemia and reperfusion (K Messmer, Germany)
Local and remote changes in microcirculation in chronic muscle ischaemia (O Hudlicka, UK) Changes in permeability in organs remote from ischaemic muscles (HB Hechtman, USA)
Systemic changes in patients with peripheral vascular diseases (C Shearman, UK)

SYMPOSIUM ON THE BIOLOGY OF VASCULAR DISEASE

Part I Biological Basis of Vascular Disease

Chairmen: S. Glagov, P.M. Vanhoutte

Atherogenesis and the arterial wall (N Woolf, UK)
Cytokines in Vascular Disease (M Dalman, UK)
Vascular smooth muscle biology (P Weissberg, UK)
Biology and the angiologist (AW Clowes, USA)
Markers of endothelial cell lesions (MR Boisseau, France)
Keynote Lecture: The L-arginine: nitric oxide pathway (S Moncada, UK)

Part II New Insights and Therapeutic Strategies

Chairmen: J.P. Cooke, P. Chan

Gene therapy: targeting restenosis (VJ Dzau, USA)
Atherogenicity of Lp(a): insights from a transgenic model (R. Lawn, USA)

Mechanism of thrombin action and antagonism (S Coughlin, USA)
Understanding thrombolysis (G Fitzgerald, USA)
Angiogenesis in health and disease (J Folkman, USA)

Part III Molecular Mediators in Vascular Disease

Chairmen: C. Black, J.P. Cooke

Introduction (C Black, UK)
Endothelial regulation of vascular tone and structure (PM Vanhoutte, France)
Endothelial dysfunction and vascular disease (J Deanfield, UK)
Nitric Oxide: An anti-atherogenic molecule (JP Cooke, USA)
NO donors inhibit neutro-phil-endothelial interactions (A Lefter, USA)
Role of oxygen-derived free radicals (B Halliwell, UK)
Closing remarks (JP Cooke, USA)