

## Preface

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The current issue of the journal of Clinical Hemorheology and Microcirculation comprises selected articles of the reports presented at the joint meeting of the 16th Conference of the European Society for Clinical Hemorheology and Microcirculation (ESCHM) and the 30th annual conference of the German Society for Clinical Microcirculation and Hemorheology (DGKMH) in Munich, 18th–21th June 2011. Almost 130 delegates from 21 countries from different continents attended the meeting, organized by the European Society of Clinical Hemorheology and Microcirculation with a local organizer - the German Society for Clinical Microcirculation and Hemorheology (DGKMH) and president of the conference PD Dr. med. Dirk Clevert from Munich, Germany.

The scientific program of the meeting presented an overview of the scientific achievements in the field of clinical hemorheology and microcirculation and included 179 abstracts scheduled in 15 scientific sessions, 4 plenary lectures, 3 industrial symposia and 3 poster sessions. The plenary lectures



Fig. 1. Prof. Walter Reinhart (Switzerland) gave a comprehensive overview of his scientific work in the Fåhræus Award Lecture.



Fig. 2. PD Dr. med. Dirk Clevert, Prof. F. Jung, Prof. W. Reinhart and Dr. M. Rampling at the Fåhræus Award Ceremony.



Fig. 3. Dr. M. Rampling and Prof. F. Jung at the meeting in Munich.

were presented by well-known experts in different fields of hemorheology and microcirculation: Prof. M. Intaglietta (“Non-linear cardiovascular regulation consequent to changes in blood viscosity”), Prof. D. Liepsch (“Rheological Flow Studies in the Cardiovascular System: Diagnostic and Therapeutic Applications”), Prof. T. Gori (“Viscosity, platelet activation, and hematocrit: progress in understanding their relationship with clinical and subclinical vascular disease”), and Prof. K. Toth (“Hemorheological parameters in different forms of coronary disease”). The symposia covered a great variety of topics: Ultrasound and microcirculation, Rheology and hemostasis, Haemorheology in diagnostics of circulatory disorders, Exercise hemorheology, Experimental hemorheology and microcirculation, Endothelial cells, Aging and vasomotion in experimental models, Rheological Disorders, Biomaterials in contact with blood and tissue cells, Rheology and microcirculation in cardiovascular disorders, Transplantation and microcirculation, Macro- and microrheology at pathological processes, Hemorheological disorders etc.



Fig. 4. The days of scientific debate at the conference.

One of the highlights of the meeting was the Fåhræus Award lecture of the 2011 Fåhræus Award winner Prof. Walter Reinhart (Switzerland), who subsequently gave a comprehensive overview over his scientific work in the Fåhræus Award Lecture.

The conference was a full success and everybody seemed to enjoy the days of scientific debate, communication and friendship. A meeting of the Editorial Board of the journal of *Clinical Hemorheology and Microcirculation* took place. A new Council and new members of the society were elected at the meeting of the Advisory Committee of the European Society for Clinical Hemorheology and Microcirculation (ESCHM). The next meeting in 2013 was decided to be held in Hungary under the supervision of Prof. L. Bogar and Prof. K. Toth (Pecs, Hungary).

We hope that publishing the reports of the meeting with the original scientific and practical results, the journal of *Clinical Hemorheology and Microcirculation* will contribute to further long-lasting and effective achievements in this field.

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