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OXYGEN TRANSPORT TO TISSUE XII

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TO TISSUE 1988-89

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PREFACE

The International Society on Oxygen Transport to Tissue (ISOTT) was founded in 1973 "to facilitate the exchange of scientific information among those interested in any aspect of the transport and/or utilization of oxygen in tissues". Its members span virtually all disciplines, extending from various branches of clinical medicine such as anesthesiology, ophthalmology and surgery through the basic medical sciences of physiology and biochemistry to most branches of the physical sciences and engineering.

The seventeenth annual meeting of ISOTT was held in 1989 for four days, from July 21 to 24, at the Max Planck Institute for Experimental Medicine and the adjoining University Hospital (Klinikum), in Goettingen, Federal Republic of Germany. It attracted 147 active registrants and approximately 40 accompanying persons. The very successful format originated by Dr. Ian Longmuir in 1985, consisting of posters accompanied by an abbreviated oral summary, was continued with slight modification. Virtually all of the presentations utilized this format, with each poster session preceded by a formal discussion during which the presenter briefly reviewed the poster aided by a few slides. All posters remained in place for the entire four days of the meeting. Simultaneous sessions were not utilized. The theme of this meeting emphasized respiration but essentially all aspects of physiological oxygen transport were covered, as the 105 manuscripts comprising this volume demonstrate. The organizing committee is most grateful to Frau Irmgard Barteczko and Frau Helgard Rinnert for their assistance in arranging the many details of the meeting and to Reiner Schubert for his photographic and audiovisual assistance, particularly in taking the group photograph. The committee also acknowledges the assistance of the many other personnel from the Physiology Department at M. P. I. Goettingen including scientists, technicians, and housekeeping staff who assisted with many facets of the meeting. All contributed to the success of the meeting.

The editors reviewed all manuscripts. Extensive revisions were made in about 15% and modest revision in about another 30%. Minor errors in format and some typos were not corrected. Except for some revisions and retyping of a few manuscripts by the editorial staff, all of the camera-ready manuscripts in this volume were prepared by the authors themselves and we greatly appreciate their cooperation. We also wish to acknowledge the skillful, patient and careful work involved in the preparation of this volume by Frau Renate Hahn of Goettingen and Rod D. Braun of Evanston.

For the editors

Thomas K. Goldstick

February, 1990

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