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PREFACE

The International Society on Oxygen Transport to Tissue (ISOTT) has completed nine years as a society since its first formal meeting at Charleston-Clemson, South Carolina, United States of America in 1973. Prior to this time an active group of scientists and engineers met in workshop environments, on a periodic basis, around the world. Meetings are now on an annual basis, alternating between Europe and the United States. The international gatherings include scientists and engineers in a variety of fields. ISOTT has produced a stable forum for the exchange of information on the microenvironment of living cells, ranging from the utilization of mathematics and engineering, through physiology and radiobiology, to clinical applications.

The proceedings of these meetings have been codified into six books, four of them published by Plenum Press in its prestigious Advances in Experimental Medicine and Biology series. This volume, together with the next two volumes that will follow the meetings in Dortmund, Germany in 1982 and in Ruston, Louisiana in 1983 will provide further chapters in the history of this fascinating field of knowledge.

Our thanks are given to all the participants and contributors to the Detroit meeting. We hope that the strength of the society will grow in coming years, and that our contribution will eventually be felt in improving the treatment of the sick, and in enhancing the thought processes of the intellectual.

Special appreciation is extended to Connie Staggs for the many hours it took to type this book. Her personal sacrifice is a tremendous gain to our society and its membership.

Haim I. Bicher
President ISOTT

Duane F. Bruley
President-Elect ISOTT

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