

Preface

The 39th annual ISOTT conference was held on the campus of Georgetown University in the capital of the USA. The urban campus of the Jesuit institution provided an ideal setting for the exchange of ideas and research from this organization.

The program covered many aspects of oxygen transport from air to the cells, organs, and organisms; instrumentation and methods to sense oxygen and clinical evidence. It consisted of 9 invited keynote lectures, 75 abstracts, and attracted 117 registered participants (21 trainees) from 10 countries. Typical to ISOTT tradition, the audience was highly interactive with lively discussions and follow-up comments on each presentation. The highlight of the meeting was the memorial session on one of the bright lights of ISOTT, Britton Chance. In addition to an overview of his career by Jerry Glickson, a poster was organized by Lin Li and Kyung Kang and presented in the Proceedings (first chapter). Robert Balaban, from the NHLBI/NIH, presented the meeting Keynote lecture on mitochondrial energetics. One session was devoted to translational aspects of oxygen delivery and hypoxia.

ISOTT 2011 featured 15 presentations from trainees, many of whom were awarded travel awards and special awards. The society continues to encourage participation and presentations from the next generation of oxygen investigators.

Social events at the meeting included a pleasant dinner and cruise on the Potomac River, a dinner event in downtown DC, and an elegant banquet on the final night of the meeting. The combination of excellent science, feature presentations of trainees, and fun social activities made this a successful meeting. We look forward to next year's meeting in Belgium.

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