

## PREFACE

These are the Proceedings of the 14<sup>th</sup> Symposium on Bioluminescence and Chemiluminescence held at Paradise Point Resort & Spa from October 15-19, 2006. This series of symposia started in Brussels in 1978, and a list of the other Proceedings volumes appears at the end of this Preface. As in previous symposia, participants came from far and wide and in all 18 countries were represented.

The Organizing Secretariat was fortunate to have the continued association with the International Society for Bioluminescence & Chemiluminescence. The organizers are thankful for the kind support of the society. We also thank John Wiley & Sons for publishing the regular abstracts in the journal *Luminescence* Vol. 21(5) 2006.

### Editorial Note

This volume was compiled without peer review from camera-ready manuscripts of lectures and posters presented at the Symposium. The Editors have, in the interest of rapid publication, made only minor stylistic changes. They take no responsibility for scientific or priority matters.

**The Editors:** AA Szalay, PJ Hill, LJ Kricka, PE Stanley

## THE MARLENE DELUCA PRIZE

The Marlene DeLuca prizes were again generously given by Dr Fritz Berthold, together with Berthold Technologies. Dr. Berthold has provided these prizes at each symposium since the 1988 Symposium in Florence. The prize can be awarded to symposium participants under the age of 35 at the day before the starting date of the symposium. The prize is given in memory of Dr. Marlene DeLuca who made major contributions to the science of bioluminescence (*see Stanley PE. Dedication to Marlene DeLuca: J Biolumin Chemilumin 4;1989:7-11 (includes list of her papers).* Similarly to previous years' selections, the President of the International Society, Professor Aladar A Szalay (University of Würzburg, Würzburg, Germany), assembled a five-member selection committee from the society to choose the three candidates based on their presentations.

The 2006 prize winners were:

**Yoriko Ando** (University of Tokyo, Chiba, Japan) *Quantitative luminescence, yield spectra of firefly bioluminescence*

**Jenny Krönström** (Department of Zoophysiology, Göteborg University, Göteborg, Sweden) *Do muscular sphincters control oxygen supply to photocytes in Northern Krill, Meganyctiphanes norvegica?*

**Kazuki Niwa** (National Institute of Advanced Industrial Science and Technology, Osaka, Japan) *Biosynthesis of firefly D-luciferin*