

**Visual pigments and phototransduction**  
**(Joint with the American Society for Photobiology)**  
Chair: R.K. Crouch (Charleston SC, USA), D.-P. Häder (Erlangen, GER)

**Invited Lectures:**

**Effects of ultraviolet on vision and the human eye—acute and delayed**  
D.H. Sliney (Gunpowder MD, USA)

**Effects of sunlight on the human eye – the ophthalmohelioses**  
A. Cullen (Waterloo, CAN)

**Production and clearance of all-trans retinol in bleached rod and cone photoreceptors**  
P. Ala-Laurila<sup>1</sup>, M. Estevez<sup>1</sup>, R.K. Crouch<sup>2</sup>, Y. Koutalos<sup>2</sup>, B.Wiggert<sup>3</sup>, M.C. Cornwall<sup>1</sup> (<sup>1</sup>Boston MA, USA; <sup>2</sup>Charleston SC, USA; <sup>3</sup>Bethesda MD, USA)

**The role of the retinoid cycle in the visual process**  
R.K. Crouch, B. Rohrer (Charleston SC, USA)

**Visual pigment coexpression. A means of color cone development and regeneration?**  
Á. Lukáts, Á.I. Berta, G. Halász, A. Szabó, Á. Szél (Budapest, HUN)

**Oral Presentations:**

**Late stages of photolysis: cone vs. rod visual pigments**  
E.Yu. Golobokova, V.I. Govardovskii (St. Petersburg, RUS)

**Light induced melatonin suppression – indications for a dose dependence**  
K. Schulmeister<sup>1</sup>, M. Weber<sup>1</sup>, E. Schernhammer<sup>2</sup> (<sup>1</sup>Seibersdorf, AUT; <sup>2</sup>Boston MA, USA)