## A few thoughts concerning this special Symposium in Tübingen

When my younger colleagues at the Eye Hospital in Tübingen asked whether I would be happy about a Symposium being organized in honour of my 60<sup>th</sup> birthday, I hesitated only for a short moment. YES, I would feel very pleased and very honoured if such a Symposium took place where young scientist-doctors would have an opportunity to invite some of the best representatives of their field to give survey lectures and, in turn, be able to present their own research findings in "hot spots", thus giving them the chance to link up with the international scientific network.

I asked my young colleagues to invite their favourite "heroes" in science, and I was very excited about the outcome, seeing that these were almost all longstanding travel-companions on my fourty-years' journey through ophthalmic research.

As you can see, a most attractive, high-level Symposium on Function and Dysfunction of the Visual System has resulted. I hope that it will be interesting for many colleagues working in the field and it is certainly open to anybody who likes to join us in celebrating the joy of basic and clinical research and its interaction in ophthalmic science.

Finally, I would like to tell you that I sincerely hope you can join us and I want to thank my co-workers for their excellent ideas and hard work in making this Symposium come true.

Collar Helle

Eberhart Zrenner



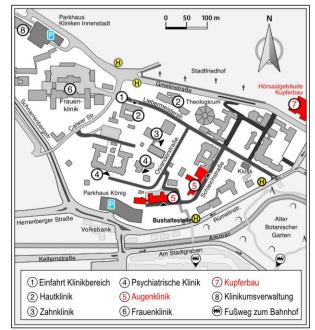
Registration:

University Eye Hospital Tübingen Dept. of Pathophysiology of Vision and Neuro-ophthalmology Elisabeth Nestler Schleichstr. 12-16, 72076 Tübingen, Germany email: <u>elisabeth.nestler@med.uni-tuebingen.de</u> Phone: #49/(0)7071/2987429/Fax: #49/(0)7071/295038

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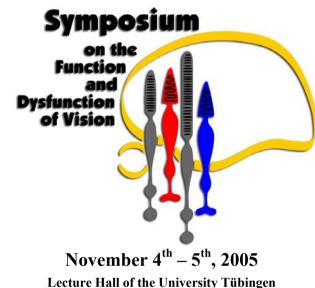
Venue: Kupferbau (Gmelinstr. 8) TübingenRegistration fee: Physicians / scientists70,--€Students40,--€Directors:

Prof. Dr. med. K.U. Bartz-Schmidt, Department I Prof. Dr. med. E. Zrenner, Department II



Universitätsklinikum Tübingen Eye Hospital





(Kupferbau), Gmelinstr. 8



University Eye Hospital Tübingen

## Friday, November 4<sup>th</sup>, 2005

**Eberhart Zrenner/Ulrich Schiefer** 14:00 - 14:10Welcome in Tübingen

Session I	Cure on the horizon
Chair:	Peter Gouras and José Sahel
14:10 - 14:30	<b>Peter Gouras / New York</b> New treatments of retinal & brain disorders: gene therapy and/or cell transplantation
14:30 - 14:50	José Sahel / Paris Photoreceptor rescue: clues from functional genomics
14:50 - 15:10	<b>Reto Weiler / Oldenburg</b> Seeing with electrical synapses
15:10 - 15:30	<b>Paul Sieving / Bethesda</b> Human retinal neurodegeneration, therapy with CNTF: phase 1 study
15:30 - 15:50	Tübingen hot spots (F.Gekeler

- R.Rejdak/F.Schaeffel/F.Schüttauf)
- 15:50 16:15 Coffee break

## Session II Retina by heart

- **Charlotte Remé and Don Hood** Chair:
- 16:15 16:35 Heinz Wässle / Frankfurt Parallel processing in the mammalian retina
- 16:35 16:55 **Don Hood / New York** The multifocal visual evoked potential (mfVEP) and diseases of the retina and optic nerve
- 16:55 17:15 Charlotte Remé / Zürich Light damage and retinal degenerations
- 17:15 17:35 José Cunha-Vaz / Coimbra Characterization of phenotypes of diabetic retinopathy

- 17:35 17:55 Tadeusz Sarna / Krakow The role of lipofuscin in chronic phototoxicity of the retina
- 17:55 18:30 Tübingen hot spots (D.Besch/ H.Jägle/T.Ladewig/S.Kustermann/ U.Schraermeyer)

18:45 - 22:00 Dinner

## Saturday, November 5<sup>th</sup>, 2005

Session III	From Gene to eye disease
Chair:	Alan Bird and Yozo Miyake
09:00 - 9:20	<b>Shomi Bhattacharya / London</b> Molecular genetics of retinitis pigmentosa
09:20 - 09:40	Alan Bird / London Autofluorescence and AMD
09:40 - 10:00	Alan Wright / Edinburgh Sub-RPE deposit formation resulting from mutation in the short-chain collagen C1QTNF5 – a model for age-related macular degeneration
10:00 - 10:20	Yozo Miyake / Nagoya-shi Some new definitions of hereditary retinal diseases
10:20 - 10:45	Tübingen hot spots (B.Wissinger/S.Kohl/M.Seeliger)

10:50 - 11:20 Coffee break

Session IV	Neuro-ophthalmology: The detective story
Chair:	Neil Miller and Avinoam Safran
11:20 - 11:50	<b>Neil Miller / Baltimore</b> The effects of Vigabatrin and Tiagabine on the eye
11:50 - 12:10	Avinoam Safran / Genf Brain plasticity following lesions in visual pathways. Clinical implications
12:10 - 12:30	Jonathan Horton / San Francisco Cortical mechanisms of strabismus
12:30 - 12:50	<b>Ulf Eysel / Bochum</b> 2D-representation of cortical activation caused by retinal implants
12:50 - 13:15	Tübingen hot spots (U.Schiefer/A.Werner/H.Wilhelm/)

- 15 min. oral presentation + 5 min. discussion
- Tübingen hot spots: 7 min.

Organization committee
Ulrich Schiefer (coordination)
Elisabeth Nestler
Doina Ruppert
Helmut Wilhelm