

 FULL TITLE	Function and Dysfunction of the Visual System
ACRONYM	VISION
COORDINATOR	Prof. E Zrenner (University Eye Hospital Tuebingen, Germany)
CONTRACT NUMBER	EU-QLGA-CT-1999-50423
START DATE/END DATE	<b>22/12/2000 - 21.12.2004</b>
FUNDING INSTRUMENT	EC: FP5 Marie Curie Early Stage Training Site (EST)
KEY WORDS	Visual system; cell physiology; molecular biology; retinal electrophysiology; histology, cell biology , experimental myopia research; psychophysics; colour vision; molecular genetics.
SUMMARY	The mission of the proposed Marie Curie Training Site at the University-Eye-Hospital in Tuebingen "FUNCTION AND DYSFUNCTION OF THE VISUAL SYSTEM" is to apply a multidisciplinary approach to the understanding of the normal and pathological visual system. To achieve this goal eight research groups are interacting in the fields of cell physiology, molecular biology, retinal and clinical electrophysiology, histology, cell biology, experimental myopia research, psychophysics, colour vision, and molecular genetics. Remarkable recent advances in all of these fields have dramatically improved the prospects for finding new strategies for deciphering the function and dysfunction of the visual system. Indeed, the application of cutting edge interdisciplinary technologies to fundamental visual questions is a driving force behind this proposal. For mutual understanding of the goals and accomplishments in each research discipline, a strong interaction between geneticists, biologists, and ophthalmologists as well as engineers, pharmacologists and physiologists, is imperative. Our training site will allow this goal to be achieved and at the same time provide the opportunity of high impact interactions between the constituent groups in which the fellows will be integrated.
1 PARTICIPANT	Prof. E Zrenner (University Eye Hospital Tuebingen, Germany)
BUDGET	240000 €
PROJECT WEB-SITE	***