


European Project Factsheet (*maximum 1 page per project*)

 FULL TITLE	Functional genomics of the retina in health and disease
ACRONYM	EVI-Genoret
COORDINATOR	European Vision Institute EEIG (Belgium)
CONTRACT NUMBER	<b>LSHG-CT-2005-512036</b>
START DATE/END DATE	<b>01/04/2005 / 31/03/2009</b>
FUNDING INSTRUMENT	EC: FP6 Integrated Project (IP)
KEY WORDS	Vision-Gene Expression-Retinal development-Photoreceptors-Age related macular degeneration
SUMMARY	The aim of <b>EVI-GENORET</b> is to build on our understanding of the fundamental molecular and cellular biology of the retina, of its development and the way it is perturbed by genetic mutation, environmental factors and age. To gather and integrate the information on gene function brought about by the numerous human, animal and in vitro models of retinal development and degeneration available. To standardize and analyze this information (databases and expression studies). To validate the information (functional assays and models). To facilitate the design of genomic-based therapy that would obviously potentially benefit patients but also validate the pathways and targets identified using the above-described approaches. The goal at the completion of the program would be to help integrate a broad and in depth understanding of the function and interactions of major cells and genes networks, thereby proposing functional models.
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BUDGET	10 000 000 €
PROJECT WEB-SITE	<a href="http://www.evi-genoret.org">http://www.evi-genoret.org</a>