

## **Postdoctoral position in retinal cell biology with emphasis in regulation of photoreceptor differentiation**

NIH funded postdoctoral position available immediately at the Wilmer Eye Institute, Johns Hopkins University, to investigate the role of transcription factors in the differentiation of retinal photoreceptor cells. We have recently identified several transcription factors that may play important roles in regulating cone/rod photoreceptor differentiation. The successful candidate will be expected to take the lead in the project and study the function of the candidate genes by using established gain- and loss-of function strategies in vivo and in vitro and a multidisciplinary pool of analytical methods. The preferred candidate will be a person who enjoys and thrives in a collaborative and collegial environment, with access to state-of-the art methodologies including (but not limited to) DNA cloning, plasmid and virus construction, cell transfection/electroporation, use of morpholino antisense and RNAi, synthesis of cDNA from laser microdissected retinal layers or individual microcaptured cells, and microarray technology.

The ideal candidate will be willing to spend 2 to 3 years in the laboratory and will possess a PhD degree, have experience in retinal cell biology and development and manage basic molecular and histological techniques.

Position: Postdoctoral - Retinal Development

Employer: Dr. Valeria Canto-Soler

Department of Ophthalmology

**Candidates please send CV to Dr. Valeria Canto-Soler: [mcantos@jhmi.edu](mailto:mcantos@jhmi.edu).**