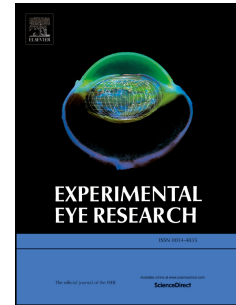


Accepted Manuscript

Systems biology of lens development: A paradigm for disease gene discovery in the eye

Deepti Anand, Salil A. Lachke



PII: S0014-4835(16)30040-9

DOI: [10.1016/j.exer.2016.03.010](https://doi.org/10.1016/j.exer.2016.03.010)

Reference: YEXER 6884

To appear in: *Experimental Eye Research*

Received Date: 12 November 2015

Revised Date: 8 March 2016

Accepted Date: 11 March 2016

Please cite this article as: Anand, D., Lachke, S.A., Systems biology of lens development: A paradigm for disease gene discovery in the eye, *Experimental Eye Research* (2016), doi: 10.1016/j.exer.2016.03.010.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Systems Biology of Lens Development: a Paradigm for
Disease Gene Discovery in the Eye**

Deepti Anand¹ and Salil A. Lachke^{1,2*}

Affiliations:

¹ Department of Biological Sciences, University of Delaware, Newark, DE, USA

² Center for Bioinformatics and Computational Biology, University of Delaware,
Newark, DE, USA

***Corresponding author:** Salil A. Lachke, Department of Biological Sciences,
University of Delaware, 105 The Green, Delaware Avenue, 236 Wolf Hall, Newark, DE,
USA, Tel.: (617) 959 9193; Fax: (302) 831 2281; E-mail: salil@udel.edu

Grant support: Supported by National Institutes of Health (NIH) Grant R01 EY021505
to Drs. David C. Beebe and Salil A. Lachke. SAL is a Pew Scholar in Biomedical
Sciences.

Keywords

Lens, Cataract, *iSyTE*, Gene Regulatory Networks, Bioinformatics, Transcription factors,
RNA binding proteins

Review Article prepared for consideration in the Special Issue of *Experimental Eye
Research* dedicated to the memory of Dr. David C. Beebe

Download English Version:

<https://daneshyari.com/en/article/5704153>

Download Persian Version:

<https://daneshyari.com/article/5704153>

[Daneshyari.com](https://daneshyari.com)