

# Accepted Manuscript

Role of crystallins in diabetic complications

Vadde Sudhakar Reddy, G. Bhanuprakash Reddy

PII: S0304-4165(15)00148-8  
DOI: doi: [10.1016/j.bbagen.2015.05.009](https://doi.org/10.1016/j.bbagen.2015.05.009)  
Reference: BBAGEN 28210

To appear in: *BBA - General Subjects*

Received date: 26 March 2015  
Revised date: 5 May 2015  
Accepted date: 10 May 2015



Please cite this article as: Vadde Sudhakar Reddy, G. Bhanuprakash Reddy, Role of crystallins in diabetic complications, *BBA - General Subjects* (2015), doi: [10.1016/j.bbagen.2015.05.009](https://doi.org/10.1016/j.bbagen.2015.05.009)

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.

**Role of crystallins in diabetic complications**

Vadde Sudhakar Reddy, G. Bhanuprakash Reddy\*

Biochemistry Division, National Institute of Nutrition, Hyderabad-500 007, India.

\*To whom correspondence should be addressed: Dr. G. Bhanuprakash Reddy, Biochemistry Division, National Institute of Nutrition, Jamai-Osmania, Hyderabad-500 007, Telangana, India. Phone: +91 40 27197252, Fax: +91 40 27019074, Email: geereddy@yahoo.com or bhanu@ninindia.org.

**Abbreviations**

AlphaA-crystallin ( $\alpha$ AC), alphaB-crystallin ( $\alpha$ BC), streptozotocin (STZ), Otsuka Long-Evans Tokushima Fatty (OLETF), advanced glycation end products (AGE), methylglyoxal (MGO), retinal pigment epithelium (RPE), translocase of outer mitochondrial membrane 20 kDa (TOM 20), voltage-dependent anion channel (VDAC).

Download English Version:

<https://daneshyari.com/en/article/10799811>

Download Persian Version:

<https://daneshyari.com/article/10799811>

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