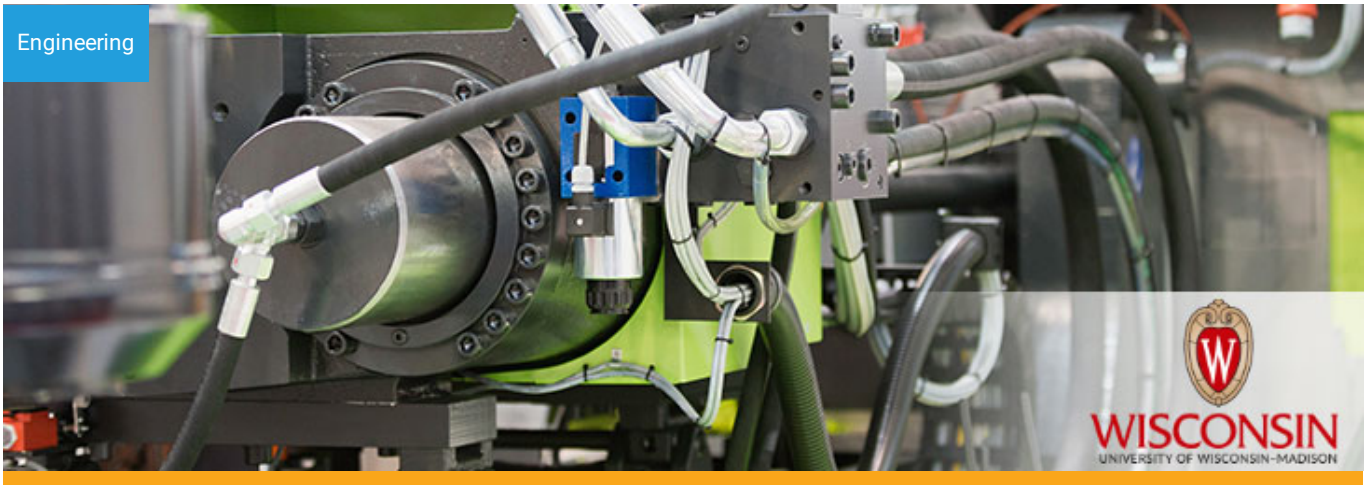


# Scaffold For In Vitro Modeling And Transplantation Therapy Of Photoreceptors

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## The Invention

Photoreceptor scaffolds that can be used for transplantation of organized photoreceptor tissue, with or without retinal pigment epithelial cells, which may improve grafted cell survival, integration, and functional visual rescue are disclosed herein. The scaffolds include a cell support layer having at least one cube-shaped reservoir fluidly connected to a plurality of through-holes and at least one cell in the at least one cube-shaped reservoir.

## Additional Information

**For More Information About the Inventors**

- Zhenqiang Ma
- David Gamm
- Shaoqin Gong

**Publications**

- Read an article about this technology.
- Read an article about this technology.

**Tech Fields**

- Drug Discovery & Development : Disease models
- Engineering : Micro & nanotechnologies

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