



Macular Degeneration

By: Korey Schneider

Scholar: Dr. Shama Parween, PhD

RESEARCH BACKGROUND

Macular Degeneration

- Leading uncorrectable cause of blindness in the 50+ population worldwide
- STEM Cell Research
- Shama's Research – reversing wet macular degeneration through STEM cell intervention.



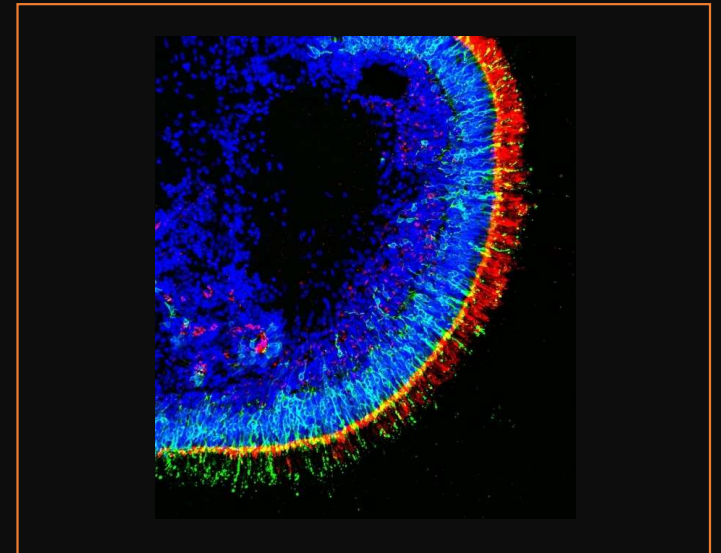


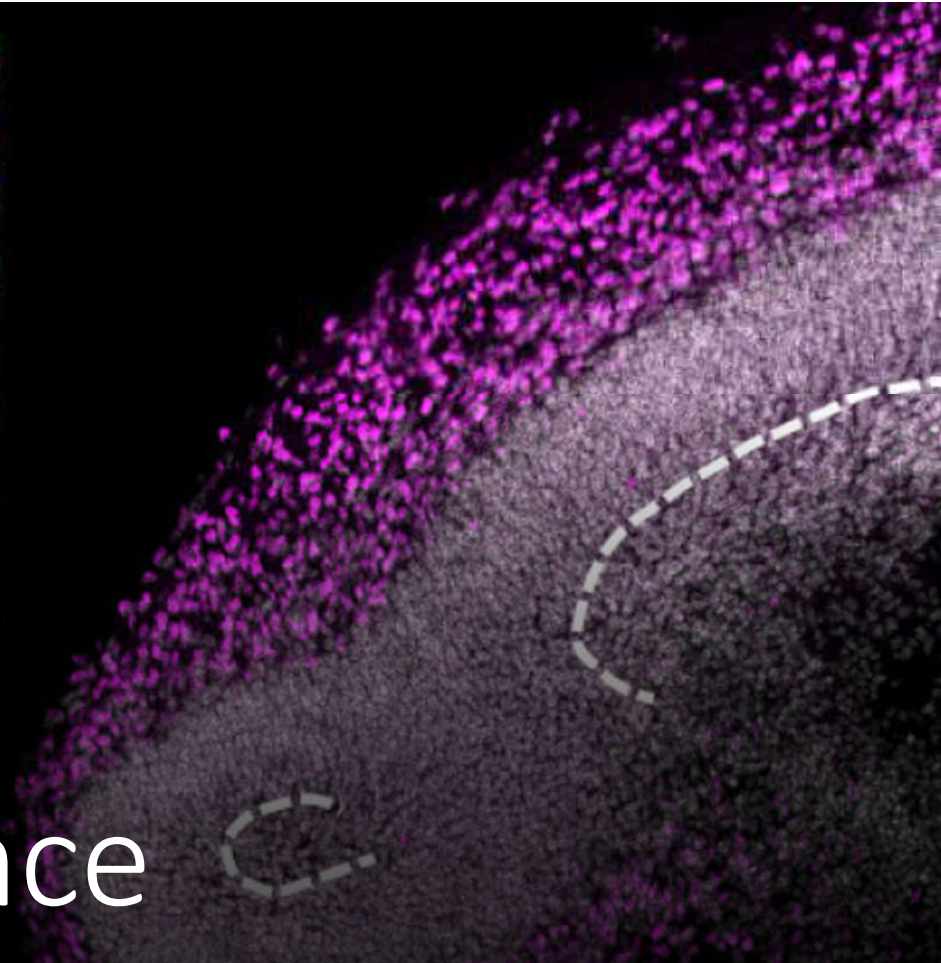
Experimental Techniques Learned

- Cryo-Sectioning
- Immunofluorescence
- PFA (Paraformaldehyde Fixation)
not performed

Cryo-Sectioning

- Slicing up the Retinal Organoid
- Why do this?
 1. Preservation
 2. Cost effective





Immunofluorescence





The ISCORE Experience

- Meet & Greet
- LAB Work
- Happy Hour
- Stock Show
- Cultural Exchange



THANK YOU
धन्यवाद
GRAZIE
bedankt
Gracias
감사합니다

