

## Senior Training Fellowship

1. Name: THOMAS KURIAKOSE.

2. Department: Eye.

3. Year of STF: 2014.



4. Objectives stated in the application for STF:

① To understand how an ophthalmic research unit is set up.

② To see how animal related work is conducted for eye research.

③ Understand AAV related work, Doherty Eye Centre, USC school of med.

5. Center visited for STF & Mentor:

Dr. B. Thomas.

6. Short description of training: got an exposure to experiments being done on the RCS rat model. got an opportunity to see how vision is assessed in these rats by behavioural studies. got an exposure to stem cell culture and directing IPS to RPE cell lineage.

7. Plans to implement objectives on return to CMC:

① Hire full time research assistant from endowment fund.

② Incorporate cytology studies so that clinical component can also be started.

③ start cell culture of Endothelium as a 1st step.

Date: 07/08/14.

Dr. B. Thomas

Signature

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