

## Retinal Oximetry using the Oxymap T1 at ARVO 2014

### Poster sessions

| Date   | Title  | Time                    |
|--|--|-------------------------|
| <i>Authors</i>   |  | <i>Program#/Poster#</i> |
| <b>Sunday, May 4</b>   |  | <b>8:30am-10:15am</b>   |
| D. Bragason; E. Stefansson   | Oxygen Saturation Profiles in Retinal Vessels  | 198 / B0006             |
| T. S. Eliasdottir; S. H. Hardarson; D. Bragason; E. Stefansson   | The Effect of Oxygen Treatment on Retinal Vessel Oxygen Saturation in Severe Chronic Obstructive Pulmonary Disease                                       | 200 / B0008             |
| S. H. Hardarson; D. Bragason; T. Eysteinnsson; E. Stefansson   | The Effect of Cataract on Retinal Oximetry   | 201 / B0009             |
| J. V. Kristjansdottir; S. H. Hardarson; E. Stefansson  | Retinal Oximetry with a Scanning Laser Ophthalmoscope compared to a Fundus Camera Oximeter   | 204 / B0012             |
| <b>Monday, May 5</b>   |  | <b>11:00am-12:45pm</b>  |
| C. Mitsch; K. Kriechbaum; K. Kefer; M. Baratsits; S. G. Prager; A. Pollreis; C. D. Scholda; U. Schmidt-Erfurth | Effect of intravitreal ranibizumab on retinal oxygen saturation in diabetic macular edema – a pilot study  | 1770 / A0207            |
| <b>Tuesday, May 6</b>  |  | <b>8:30am-10:15am</b>   |
| O. B. Olafsdottir; T. S. Eliasdottir; J. V. Kristjansdottir; S. H. Hardarson; E. Stefansson                    | Retinal Oxygen Saturation during 100% Oxygen breathing in Healthy Subjects and Glaucoma Patients   | 2925 / C0009            |
| Y. F. Lee; ; C. Ong; Z. L. Yap; C. Cheng; A. Mohla; M. E. Nongpiur; S. Perera                                  | Comparison of retinal oxygenation and vasculature, retinal nerve fiber layer and visual field defects in different subtypes of glaucoma                  | 2926 / C0010            |
|  |  | <b>3:45pm-5:30pm</b>    |
| S. Perera; A. Mohla; M. E. Nongpiur; C. Y. Cheung; N. Milastuti; V. Foo; R. Mathur                             | Variation in retinal oxygenation, retinal vasculature, and retinal nerve fiber layer thickness in patients with different grades of diabetic retinopathy | 3897 / C0199            |
| A. Mohla; R. Mathur; M. E. Nongpiur; C. Y. Cheung; N. Milastuti; V. Foo; S. Perera                             | The effects of panretinal photocoagulation on retinal nerve fiber layer at the optic nerve head  | 3902 / C0204            |
| <b>Wednesday, May 7</b>  |  | <b>11:00am-12:45pm</b>  |
| M. Sehi; D. S. Greenfield; K. S. Kishor; R. C. Ruiz; S. Srinivas; S. M. Iverson; I. Goharian                   | Relationship between Retinal Blood Flow, Ganglion Cell Function and Retinal Oxygenation in Glaucomatous and Normal Eyes                                  | 4731 / B0092            |
| I. Goharian; S. M. Iverson; R. C. Ruiz; K. S. Kishor; D. S. Greenfield; M. Sehi                                | Retinal Oxygen Saturation in Treated Glaucomatous Eyes   | 4732 / B0093            |
| <b>Thursday, May 8</b>   |  | <b>8:30am-10:15am</b>   |
| A. Pollreis; M. Baratsits; K. Kefer; C. Mitsch; S. Sacu; U. Schmidt - Erfurth                                  | retinal oximetry in eyes with geographic atrophy due to age-related macular degeneration   | 5893 / C0079            |

# Oxymap

## *Paper sessions*

| Date<br><i>Authors</i>   | <i>Title</i>   | Time<br><i>Program#/Session#</i> |
|--|--|----------------------------------|
| <b>Wednesday, May 7</b>  |  | <b>12:15pm-12:30pm</b>           |
| C. Ong; Z. L. Yap; Y. F. Lee; C. Cheng; A. Mohla; M. E. Nongpiur; S Perera | <b>Retinal Oximetry in Glaucomatous Eyes with Asymmetrical Hemispherical Visual Field Loss</b> | 4557 / S 310A-D                  |

## *Special interest groups*

| Date<br><i>Moderators</i>  | <i>Presentations</i>   | Time<br><i>Session#</i> |
|--|--|-------------------------|
| <b>Wednesday, May 7</b>  |  | <b>1:00pm-2:30pm</b>    |
| Toke Bek (Aarhus University Hospital) and Einar Stefansson (University of Iceland) | <b>Retinal Oximetry:<br/>Recent findings and future applications – SIG</b> <ul style="list-style-type: none"><li>• Retinal oximetry in diabetic retinopathy</li><li>• Retinal oximetry in retinal vein occlusion</li><li>• Clinical applications of retinal oximetry</li></ul> | S 320GH                 |