# Scientific Program for 3rd World Congress on Retinopathy of Prematurity; Shanghai, China

## 14 October 2012, Sunday

### 4:00-5:00 PM Council Meeting

### 5:00-5:30 PM Inauguration

<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>Welcome address</td>
<td>Xiaoxin Li</td>
<td>5 min</td>
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<tr>
<td>Introduction of ROP Congress</td>
<td>Rajvardhan Azad</td>
<td>5 min</td>
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<tr>
<td>Development of retinal detachment in ROP eyes treated with anti-VEGF</td>
<td>Michael Trese</td>
<td>5 min</td>
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<td>Perspectives on ROP: public health problem, programs and policy</td>
<td>Clare Gilbert</td>
<td>5 min</td>
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<tr>
<td>Speech of guest speakers: Retinopathy of Prematurity—history, natural course and treatment</td>
<td>Oshina</td>
<td>5 min</td>
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<td>Thanks address</td>
<td>Peiquan Zhao</td>
<td>2 min</td>
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## 15 October 2012, Monday

### 8:30-10:00 Session I: Epidemiology

<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker</th>
<th>Duration</th>
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<tbody>
<tr>
<td>ROP as cause of blindness worldwide and babies at risk</td>
<td>Clare Gilbert</td>
<td>10 min</td>
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<tr>
<td>Epidemiology of ROP in China</td>
<td>Chao Chen</td>
<td>10 min</td>
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<tr>
<td>Epidemiology of ROP in Latin America</td>
<td>Juan Carlos Silva</td>
<td>10 min</td>
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<tr>
<td>Epidemiology of ROP in Vietnam</td>
<td>Tinh Nguyen Xuan</td>
<td>10 min</td>
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<td>ROP experiences from Khartoum, Sudan</td>
<td>Ahmed Fahmi</td>
<td>10 min</td>
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<td>Replication of ROP diagnosis and treatment patterns in some developing regions</td>
<td>Rasa Bagdoniene</td>
<td>10 min</td>
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<tr>
<td>Screening for Retinopathy of Prematurity: The first report from Upper Egypt</td>
<td>Mahmoud Nassar</td>
<td>10 min</td>
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<td>Comparative study of prematurity babies in Urban &amp; Semi-urban Neonatal Intensive Care Units (NICUs) in Karnataka, India</td>
<td>Krishna R Murthy</td>
<td>10 min</td>
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### PANEL DISCUSSION

### 10:00-10:30 TEA
10:30-12:30 Session 2: Risk Factors, prevention of ROP

- Update on the role of oxygen in ROP  
  Chao Chen  
  12 min

- Risk factor algorithms to predict serious ROP (WINROP, PINTROP)  
  G Binenbaum  
  12 min

- Impact of neonatal care – where quickest improvements can be made  
  Brian Darlow  
  12 min

- The role of nurses in preventing ROP and supporting programmes  
  Ana Quiroga  
  12 min

- Introduction of ROP prevention in Shenzhen from 2003 to 2012  
  Guoming Zhang  
  12 min

- Rate of absolute weight gain at 5 weeks after birth as a predictor for severe retinopathy of prematurity in very low birth weight infants  
  Timothy Hoi Min Fung  
  10 min

- BOOST II UK – Preliminary Ophthalmic Results  
  Alistair Fielder  
  10 min

- WINROP - a useful adjunct to predict sight threatening ROP in an extremely preterm cohort  
  Chatarina Löfqvist  
  10 min

PANEL DISCUSSION

12:30-1:30 Lunch

1:30-3:30 Session 3: Screening and Imaging

- ROP screening guidelines-South American perspective  
  Ximena Katz  
  12 min

- ROP screening guidelines-Indian perspective  
  Narendran V  
  12 min

- ROP screening guidelines-Chinese perspective  
  Ping Fei  
  12 min

- ROP screening guidelines-European perspective  
  Alistair Fielder  
  12 min

- Digital imaging and quantifying ROP (Retcam)  
  Clare Wilson  
  12 min

- Teleophthalmology in case detection in ROP – American Experience  
  Graham Quinn  
  12 min

- Teleophthalmology in case detection in ROP – Indian Experience  
  Anand Vinekar  
  12 min

- Differentiation of ROP with other intraocular proliferating diseases  
  Hayashi Hideyuki  
  12 min

PANEL DISCUSSION

3:30-4:00 TEA

4:00-5:00 Session 4: POSTER SESSION

8:00PM Dinner
16 October 2012, Tuesday

8:30-10:10 Session 5: New concepts and techniques in ROP
- Genetic variations in advanced retinopathy of prematurity
  - Hiroyuki Kondo
- Drug Delivery for ROP: Challenges and Potential Strategies
  - RV Paul Chan
- Characteristics of macular retina on OCT in premature and full term neonates
  - Fang Lu
- Long Term evaluation of functional and structural macular changes assessed by OCT in regressed and lasered ROP
  - Rajvardhan Azad
- OCT in the premature infant
  - Ramiro Maldonado
- Fluorescein angiography in APROP
  - Partjat Chandra
- Fluorescein angiography in ROP – Does it help our understanding?
  - Domenico Lepore
- Higher visual dysfunction in preterm children
  - Gordon Dalton / Clare Gilbert
- Spectral-Domain Optical Coherence Tomography in diagnostics of cicatricial retinopathy of prematurity
  - D. Ryabtsev

PANEL DISCUSSION

10:10-10:30 TEA

10:30-12:45 Session 6: ROP Management
- Laser Treatment for ROP
  - Anna Ellis
- Anti-VEGF in ROP: current status
  - Hitmar M
- Anti-VEGF in ROP: systemic safety
  - Brian Darlow
- Anti-VEGF and ROP: where do we need to go?
  - David Wallace
- Recent experience with Avastin for ROP
  - Michael Shapiro
- Serum concentrations of Bevacizumab (Avastin) & VEGF in infants with ROP
  - Shunji Kusaka
- Staged lensectomy and posterior vitrectomy for stage 5 ROP
  - Peiquan Zhao
- Surgery in ROP – define limits and techniques
  - Rajvardhan Azad
- A hybrid form of retinopathy of prematurity
  - Mangal Dogra
- Late onset vitreoretinal complications of regressed retinopathy of prematurity
  - Ludmila Kogoleva
- Aggressive posterior retinopathy of prematurity in infants ≥ 1500 gm birth weight.
  - Gaurav Sanghi
- Outcome of single vs multiple session laser photocoagulation of flat neovascularization in Zone 1 APROP - a prospective, randomized study
  - Anand Vinekar
- Comparison of Systemic Mortality Associated with Ablative Laser for ROP Using Sedative Versus Non-Sedative Laser
  - Natalia Matti

PANEL DISCUSSION

12:45-1:30 Lunch
1:30-3:10 Session 7: Beyond ROP clinical care and discussion of cases

- Assessment of neonatal care and ROP programmes in Mexico
  - Consuelo Zepeda
  - 10
- When, where and how to start ROP program when none exists
  - Rita Sitorus
  - 10
- Lessons from regional and national ROP workshops
  - Graham Quinn/Andrea Zin
  - 10
- Engaging parents with ROP babies
  - Luz Gordillo
  - 10
- Vision training, low vision services and rehabilitation
  - Yan Wei
  - 10

PANEL DISCUSSION

CASE DISCUSSIONS

5 cases 8 mins each with panel to discuss

3:10-3:30 TEA

3:30-4:30 Session 8: ROP Programs

- Planning efficient and effective programs
  - Yi Chen
  - 10
- The ITCROPS (Indian Twin-cities ROP Screening) Program
  - Padmaja Kumari
  - 10
- Management information systems for ROP
  - Gerd Holmstrom
  - 10
- The importance of policy in ROP: The Latin American experience
  - Juan Carlos Silva
  - 10

PANEL DISCUSSION

4:30 Closing Ceremony

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