Venue:
K.M.C. II Building Auditorium (Besides API Bhavan)
# 16/6, Millers Tank Bund Area, Vasanthnagar, Bangalore-560 025

Date:-  Sunday 3rd April 2016

Bench to Bedside on Inflammatory Disease of the Eye

KMC - CME Credit Hours

©
An eye disease has significant impact on quality of life. Inflammation in eye and adnexa are common, triggered by multiple factors & affect multiple parts of the eye. Apart from idiopathic inflammation, the eye is also known to be a common target organ for several systemic inflammatory diseases. Recent updates in immuno-pathology and immuno-modulation can certainly improve our clinical skills to manage majority of these patients, who visit us day in and out. Inflammation needs to be approached both from clinical and immuno-pathological perspectives. Definite diagnosis of the disease is very important, to choose the right therapeutic agent. Modern treatment strategies and therapeutic agents have revolutionized the treatment of an inflammatory eye disease. We use these drugs, which include steroids and anti-VEGFs in every day practice. Currently used drugs like anti-TNF and VEGF inhibitors are developed based on immune components and underlying disease pathways.

This unique CME is designed to fuse two vast rivers, on one side the astute clinical approach by Ophthalmologists and the fundamentals and advances in understanding the disease background by Immunologists. This should certainly help our patients in a big way. The following is the program. There will be enough time to interact with the masters in both specialities. Clinical scenarios that we see every day, in adnexa, cornea, sclera, uvea, orbit etc will be discussed in the background of inflammatory and immunological concepts.

What is in agenda there?

**Session 1: 9.00am to 10.30am**  
(90 Minutes)

**Overview of inflammation and immunology**
Chairperson : Dr. Chandrasekara S.
Moderators : Dr. Mahabaleshwar, Dr. Swamianthan Sethu

| Quick review of basics of immunology & inflammation. Why is the eye an unique target of immune disease? | Dr. Swamianthan Sethu |
| Autoimmunity & auto-inflammation: Current concepts & case discussions | Dr. Vineeta Shobha |
| Inflammation & para-infectious ocular diseases (Tuberculosis etc); Case Discussions | Dr. Chandrasekara S. (Rheumatologist) |

Inauguration: 10.30am to 10.45am.
Tea: 10.45am to 11.00am.
### Session 2: 11.00am to 12.30pm

**Systemic or localized inflammation**  
**Chairperson:** Dr. M.S.Ravindra,  
**Moderator:** Dr. Mahesh Shanmugam, Dr. Manjoo Reddy

<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Autoimmune inflammatory disease: Aetiology, diagnosis and clinical implications</td>
<td>Dr. Dharmanand B.G Rheumatologist</td>
</tr>
<tr>
<td>Relevance of auto-antibodies in auto-immune diseases; An insight</td>
<td>Dr. Renuka C.</td>
</tr>
<tr>
<td>Scope of autoimmune work-up in inflammatory eye diseases: Case discussions</td>
<td>Dr. Ramesh Jois, Dr. Padmamalini Mahendradas</td>
</tr>
</tbody>
</table>

### Session 3: 12.30pm to 2.00pm

**Clinical assessment of Inflammation to titrate management (15 mins each)**  
**Chairpersons:** Dr. T.K. Ramesh  
**Moderators:** Dr. Chandrasekara S., Dr. Padmamalini Mahendradas, Dr. Nagaraju G.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Problems and unresolved issues in measuring inflammation</td>
<td>Dr. Chandrashekara S.</td>
</tr>
<tr>
<td>Qualifying and clinically quantifying disease activity: cornea / uvea / sclera / Vitreo-retina / others (10 mins &amp; 5 specialties)</td>
<td></td>
</tr>
<tr>
<td>Cornea &amp; conjunctiva</td>
<td>Dr. Deepthi R Meda</td>
</tr>
<tr>
<td>Uvea</td>
<td>Dr. Padmamalini Mahendradas</td>
</tr>
<tr>
<td>Sclera</td>
<td>Dr. Ankush Kawali</td>
</tr>
<tr>
<td>Vitreo-Retina</td>
<td>Dr. Karthik R.Meda</td>
</tr>
<tr>
<td>Orbit &amp; adnexa</td>
<td>Dr. Roshmi Gupta</td>
</tr>
<tr>
<td>Systemic inflammatory parameters &amp; biomarkers for the clinician</td>
<td>Dr. Chandrasekara S.</td>
</tr>
<tr>
<td>The basics of tear Cytokines in eye inflammation</td>
<td>Dr. Arka Supra Ghosh (Chief Scientist, GROW Lab)</td>
</tr>
</tbody>
</table>

### Lunch: 2.00pm to 2.30pm

### Session 4: 2.30pm to 4.00pm

**Management of inflammatory eye diseases**  
**Chairperson:** Dr. Chandrasekara  
**Moderator:** Dr. Praveen Murthy, Dr. Namita Dave

<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>The immunopharmacology of therapeutic agents</td>
<td>Dr. Chandrasekara S.</td>
</tr>
<tr>
<td>Modulating immunosuppressants with topical drugs</td>
<td>Dr. Vineetha &amp; Dr. Himanshu Matalia</td>
</tr>
</tbody>
</table>

(90 Minutes)
Managing the systemic & ocular adverse reactions

Dr. Guruprasad
MM Joshi Eye Hospital

Session 5: 4.00pm to 6.00 pm
Protocol discussion and open house

(120 Minutes)

Who are behind the screen?

- Bangalore Ophthalmology Society
- The Immunology & Arthritis Research & Education Trust
- Indian Rheumatology Association; Karnataka Chapter

Organizing committee

- Dr. Chandrashekara S.
- Dr. Ravindra M.S.
- Dr. Padmamalini Mahendradas
- Dr. Deepthi R. Meda

Yes, I have to attend

When and where is this wonderful CME?

Sunday, April 3, 2016
At MCI AUDITORIUM
Millers Tank Bund Road, Vasanthnagar, Bangalore-560 025

Registration fee Rs: - 300

DD in favor of “THE IMMUNOLOGY & ARTHRITIS RESEARCH & EDUCATION TRUST” payable at Bengaluru.

For online tranfer: Account No:141201010015688, Vijaya Bank, Malleswaram branch,
Isc Code:VIJB0001139

Send DD with your details to:
ChanRe Rheumatology & Immunology Center & Research
# 149, 15th Main, NHCL, Water Tank Road, 4th block,
3rd Stage, Basaveshwaranagar, Bangalore-560 079.

For Registration Contact

Mr. Vijayendra
Mobile: 9535056289
E-mail: marketing@chanrejournals.com

Dr. Chandrashekara S.
Medical Director and Consultant Rheumatologist,
CRICR, Bengaluru
E-mail ID: - chandrashekara_s@yahoo.com

Dr. M.S. Ravindra
Chairman & Medical Director, Karthik Netralaya, Bengaluru
E-mail ID: - dr.m.s.ravindra@gmail.com