

## **Clinical and scientific advances in the management of patients with ADPKD**

**Jesus College, Oxford, September 12-13, 2013**

***Organisers: Albert CM Ong and Christopher G Winearls***

### **Learning objectives:**

- To understand the genetic basis of ADPKD and the place of genetic testing
- To review current consensus of disease pathogenesis and how this is guiding therapeutic developments
- To understand other cystic diseases that may phenocopy ADPKD
- To learn about recent landmark clinical trials in ADPKD and future treatment options
- To understand best practice guidelines in managing the common complications of ADPKD
- To take advantage of case discussions and meetings with expert faculty to discuss the diagnosis and management of ADPKD
- To stimulate discussion regarding neglected areas of research and practice in ADPKD

### **Audience:**

- Adult and pediatric nephrologists with interest in inherited kidney disorders
- Geneticists
- Trainees in nephrology, pediatrics, internal medicine, genetics
- PhD students
- Post-doctoral scientists

**Area:** Basic science and clinical management in ADPKD



**CME: Recent advances in ADPKD**

**Day 1: Thursday, September 12, 2013**

14:00-15:00 Registration

**Session I: The genetics and science of ADPKD**

15:00-15:15 Welcome, objectives of the course – *Albert Ong*

15.15-15.40 Molecular pathogenesis of cyst formation – *A Ong, Sheffield*

15.40-16:05 Lessons from animal models – *D Peters, Leiden*

***16:05-16:35 Tea Break***

16:35-17:05 Somatostatin in the treatment of ADPKD – *G Remuzzi, Bergamo*

17.05-17.55 **Gene hunting in the renal unit** – *P Harris, Mayo Clinic*

***19:00 Departure for course dinner***

## Day 2: Friday, September 13, 2013

### 0800-0930 **Breakfast session - Meet the faculty**

- **Genetic testing in ADPKD – who, when and how**  
*P Harris, A Ong, R Sandford*
- **Other cystic kidney and liver diseases – case based discussions**  
*O Devuyst, V Torres, Y Pirson*

### **Session II: Managing common complications in ADPKD**

09:30-09:50 The Oxford Unit experience over 40 years – *R Haynes, Oxford*

09:50-10:10 Managing childhood PKD – *F Emma, Rome*

10:10–10:30 Differential diagnosis of cystic disease – *O Devuyst, Zurich*

*10:30-11:00 Break*

11:00–11:20 Hypertension and vascular risk – *T Ecker, Istanbul*

11:20-11:40 Polycystic liver disease – *J Drenth, Nijmegen*

11:40-12:00 Intracranial aneurysm screening – *Y Pirson, Brussels*

12:00-12:20 Renal pain and infections – *VE Torres, Mayo Clinic*

*12:20-13:30 Lunch*

### **Session III: Monitoring predicting and altering disease progression**

13:30-13:50 Imaging and biomarkers– *A Serra, Zurich*

13:50-14:05 A perspective from the UK Renal Registry – *R Sandford, Cambridge*

14:05-14:20 What should be standard care for ADPKD patients? – *D O' Donoghue, NHS  
National Director for Renal Services*

14:20-14:35 A patient's perspective – *T Harris, London*

*14:35-15:00 Break*

15:00-15:45 **Beyond TEMPO: current and future treatments for ADPKD** – *VE Torres,  
Mayo Clinic*

15:45-16:10 **Concluding remarks and close** – *Chris Winearls*

## **Duration and type of course**

One and a half days, with a total of 11 hours of teaching. A panel of international experts has been invited to present lectures and participate in 'Meet the faculty' sessions. There will be opportunity for informal interactions in a historical but relaxed setting. The total number of attendees will be limited to 60. It is anticipated that lecture slides will be made available on-line through the WGIKD page on the EDTA website.

## **Rationale for the organisation, necessity for the area**

The Oxford Kidney Unit has had strong historical links with ADPKD. PKD1 was first linked to chromosome 16 in Oxford in 1985 and was eventually identified there in 1994. This 1.5 day CME will be an opportunity to update nephrologists on recent progress in the management and treatment of patients with ADPKD. This workshop is being organised under the auspices of the EDTA scientific working group, WGIKD and the EU FP7 Marie-Curie Network, TranCYST.

## **Registration**

No registration fee is required. Participants will have to pay the costs of accommodation and travel. A number of travel grants will be available for younger nephrologists through the EDTA.

## **Venue**

Jesus College is one of the oldest colleges of the University of Oxford and is centrally located in the city centre. Oxford is easily accessible though rail and road links from Heathrow or Gatwick airports.

## **Accommodation**

A limited number of rooms have been reserved for delegates at Jesus College. Delegates wishing to stay at the College are advised to contact the college directly to reserve rooms: [Conference.office@jesus.ac.uk](mailto:Conference.office@jesus.ac.uk) or 01865 616800.