

**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

15.15-15.30 ADPKD – the Oxford connection

15.30-15:50 A patient's perspective

15:50-16:15 Molecular pathogenesis of cyst formation

***16:15-16:45 Tea Break***

16:45-17:10 Lessons from animal models

17.10-18.00 **Gene hunting in the renal unit**

***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**
- **Other cystic kidney diseases – case based discussions**

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

09:30-09:50 The Oxford Unit experience over 40 years

09:50-10:10 Managing childhood PKD

10:10–10:30 Differential diagnosis of cystic disease

*10:30-11:00 Break*

11:00–11:20 Hypertension and vascular risk

11:20-11:40 Polycystic liver disease

11:40-12:00 Intracranial aneurysm screening

12:00-12:20 Renal pain and infections

*12:20-13:20 Lunch*

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

13:20-13:40 The beginning and end of life

13:40-14:00 Clinical factors, biomarkers and the EuroCYST consortium

14:00-14:20 The role of imaging

14:20-14:40 A perspective from the UK Renal Registry

14:40 -15:00 What should be standard care for ADPKD patients?

*15:00-15:15 Break*

15:15-16:00 **Beyond TEMPO: current and future treatments for ADPKD**

16:00-16:30 **Concluding remarks and close**

**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 having been where PKD1 was first linked to chromosome 16 in 1985 and its eventual identification 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, with the participation of members of the steering group of the EDTA EuroCYST consortium.

**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 young 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 through rail and road links from Heathrow or Gatwick airports.