



# Focus

Association for Clinical Biochemistry  
National Meeting  
Liverpool 2012

**DIARY DATE:**  
Early booking  
discount ends  
23 March  
2012

30 April - 3 May

BT Convention Centre, ACC Liverpool

# Invitation to Participate



[www.focus-acb.org.uk](http://www.focus-acb.org.uk)



The Association for  
Clinical Biochemistry  
[www.acb.org.uk](http://www.acb.org.uk)



# Focus

Association for Clinical Biochemistry  
National Meeting  
Liverpool 2012

## Welcome

Please may I offer you a very warm 'scouse' welcome to Liverpool which will be playing host to Focus for the second time after its inaugural visit in 2009.

The city, in particular the Mersey waterfront, has continued to be transformed over the last few years. The relatively new arena and conference centre, with purpose built exhibition and meeting space will again be our venue for Focus 2012. Surrounding areas have also been developed further to provide the city's premier location for commerce, retail therapy, fine dining and entertainment and it is around this environment that Focus will take place to provide you with the opportunities you need to network with colleagues and socialize in some of the 'hot spots' in Liverpool city centre.

In the words of William Osler "the good physician treats the disease; the great physician treats the patient that has the disease" hence the theme for Focus 2012 is 'focus on the patient' where patient experience and clinical outcome are key themes and clear aims of the NHS as we move forward. Areas covered with the patient in mind include non-invasive monitoring, adult inborn errors of metabolism and the biochemistry of extremes of age. We will also focus on how diagnostics and information technology in collaboration with our commercial partners will help us to achieve our challenges today and in the future.

On behalf of the organizing committee I look forward to greeting you in Liverpool in April. Please make a date to come and join us either as first time visitor to Liverpool or a returning visitor. Your support is much appreciated.



**Paul Newland**  
*Chair, Focus 2012  
Organising  
Committee*

## The Scientific Programme

We welcome you back to Focus in Liverpool. We have endeavoured to have an interesting and varied programme based around the theme of Health and Wellbeing, we hope you enjoy the range of presentations on offer.

Our speakers' expertise in their fields is well recognised, some you may know, others will be less familiar, but all will we hope leave you better aware of the topic.

The topics range through water homeostasis, a 'bread and butter' topic that we may not understand quite as well as we think, to lipids management, the relevance of age, obesity and a counterpoint of sports medicine. We continue the ever popular clinical cases session, with a twist as we want YOU to submit a proposal for YOU to present! We look forward to this with more than usual anticipation.

There are the various Award lectures and Keynote Lectures with internationally recognised speakers.

We have continued the Point of Care Co-ordinators day initiated at the last Liverpool Focus with some particularly interesting angles on the topic.

We trust you will look forward to enjoying these presentations as much as we do.



**Ian Watson**  
*Chair, Scientific  
Programme  
Committee*

*Committee  
Members*

**Lakshminarayan  
Ranganath  
Andrew Wootton  
John Kane  
Kath Ashton  
(POCT)**

Thanks to our  
Commercial Partners



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by



# Focus on the patient

## Social programme

All delegates must book for the social events they wish to attend, including the Corporate Members' Evening, drinks reception and Conference Banquet.

### Corporate Members' Evening Monday 30th April 2012

The Corporate Members' Evening will be held at Pan Am, Albert Dock.

### Drinks Reception in Exhibition

Tuesday 1st May 2012

There will be a drinks reception in the exhibition area starting immediately after the end of the day's scientific programme. This will give delegates the opportunity to peruse the exhibition area and network with colleagues in a relaxed atmosphere. The reception will be open until 1900.

### Conference Banquet Wednesday 2nd May 2012

The conference banquet will be held in the impressive surroundings of St George's Hall. Pre-dinner drinks will be followed by dinner and entertainment in this magnificent venue.

## Posters

Posters will be located in the exhibition hall.

## Clinical Cases

Do you have an interesting case you'd like to propose for the Clinical Cases parallel session? If so, please email [focus2012@meetingmakers.co.uk](mailto:focus2012@meetingmakers.co.uk) with your suggested case by 23rd March.

## Have your say in the Forum Interactive

Do you have a topic you feel requires interactive discussion? Would you like to debate with your colleagues in an open forum? If so, we can offer a 30 – 45 minute slot during the lunch break. Please indicate your preferred topic on the registration form by 23rd March. Topics will then be reviewed and selected by the Scientific Committee.

The following Forum Interactive sessions are already confirmed. They will take place in the exhibition hall over lunchtime.

### Tuesday 1 May:

#### How to Write a Scientific Paper

*Presenters: Anthony Newman & Edmund Lamb*

### Wednesday 2 May:

#### Pre- and Post-Analytical Errors: The KIMMS Solution

*Presenters: Andrew Wootton, Jen Glaysher & Penny Petinos*

### Thursday 3 May:

#### What's Europe ever done for clinical biochemistry?

*Presenters: Gilbert Wieringa, ACB European Officer & Ian Watson, President EFCC*

## AGMs

### Monday 30th April 2012

1630 – 1715

#### Informal Drinks Reception

1715 – 1745

#### Federation of Clinical Scientists

1800 – 1845

#### Association for Clinical Biochemistry

## Trainees' programme

### Trainees' Dinner

Sunday 29th April 2012  
at the Alma de Cuba

Alma de Cuba, is located in the former St. Peter's Catholic church. It has an eclectic mix of Cuban, Hispanic and Latin American influences that are enhanced with Liverpool's great spirit.

### Focus Training Day

Monday 30th April 2012

The Focus training day is organised by the ACB Education Committee. This year the focus is on the FRCPATH examination. For some, the exam may seem years away but these sessions will aim to equip trainees in those areas of the exam that are difficult to learn and teach.

MORNING SESSION: 0930 – 1230

### Objective Structured Practical Examination (OSPE) preparation

Chair: *Hazel Borthwick, ACB Deputy Director for Education, Training and Workforce*

A mock OSPE will provide trainees with an insight into this part of the examination and what topic areas may be assessed. Trainees will be given topics to revise prior to the day to ensure all participants get the most out of this session.

**Microbiology:** There will also be mock OSPE for those planning to sit part 2 for either Virology FRCPATH or Microbiology FRCPATH. Trainees will again be given topics to revise prior to the event.

AFTERNOON SESSION: 1330 – 1600

### Critical Appraisal Skills

Chair: *Sally Benton, Consultant Clinical Biochemist and Regional Tutor for London (North West)*

Paper 3 of the FRCPATH now involves critically appraising journal articles, something which can be a tricky task. However, Sally Benton will co-ordinate an engaging session to ensure trainees have the skills to pass this new part of the exam.

**Microbiology:** Candidates will be asked to interpret six clinical cases from brief histories and laboratory results, then they must choose two journal articles (out of three provided) on which to answer questions that test their critical skills and their understanding of experimental methods and statistical techniques.

**Note:** Members from Immunology will be contacted to determine if parallel morning sessions for those trainees are to be organised. Information will be published in due course.

## CPD Accreditation

Focus 2012 will be fully accredited for CPD schemes of the Royal College of Pathologists and the Institute of Biomedical Science.

## Contact Focus 2012

Focus 2012 Secretariat, c/o Meeting Makers  
Jordanhill Campus, 76 Southbrae Drive  
Glasgow G13 1PP, Scotland, United Kingdom

Tel: +44 (0) 141 434 1500

Fax: +44 (0) 141 434 1519

[focus2012@meetingmakers.co.uk](mailto:focus2012@meetingmakers.co.uk)

[www.focus-acb.org.uk](http://www.focus-acb.org.uk)

# Programme

## Tuesday 1 May 2012

### 0845–1045 Parallel Sessions

#### 0845-1045 Non Invasive Monitoring

Chair: *Dr Ian Watson*

##### Keynote Lecture:

##### Metabonomics

*Prof Jeremy Nicholson, London*

**The value of odours for the detection of bowel disease**

*Prof Christopher Probert, Bristol*

##### SIFTMS

*Prof David Smith, Newcastle-under-Lyme*

#### 0845-1045 Lipids

Chair: *Dr Charles van Heyningen*

##### Genetic determinants of plasma lipid traits

*Prof Steven Humphries, London*

**Familial Hypercholesterolaemia (FH) - the role of family cascade testing**

*Dr Ian McDowell, Cardiff*

**What is the new statin intolerance? Advances and solutions**

*Dr Anthony Wierzbicki, London*

**New treatments and new targets for managing lipid disorders**

*Dr Dermot Neely, Newcastle upon Tyne*

### 0845–1045 POC Coordinators Session: POCT Debates

Chair: *Dr Danielle Freedman*

**What tests are needed in the community?**

##### The Clinician's View

*Dr Chris Mimmagh*

##### The Practitioner's View

*Mrs Kath Ashton*

##### The Patient's View

*Mr Neil Formstone*

**SIEMENS**

### 1045–1145 Break & Exhibition Attendance

### 1055–1140 Industry Sponsored Workshops

from IDS and Waters



Waters  
THE SCIENCE OF WHAT'S POSSIBLE™

### 1145–1230 ACB Foundation Award Lecture

**Defining a diet for life – the role of the laboratory**

*Prof Ian Young, Belfast*



### 1145–1230 POC Coordinators Lecture

**POCT in the Battlefield**

*Major Tracey Smith-Straney, Aintree*

### 1230–1400 Lunch and Exhibition

### 1300–1345 Attended Poster Session

### 1400–1445 Professors' Prize

### 1400–1445 POC Coordinators Lecture

**POCT in Sports Medicine**

*Dr Courtney Kipps, London*

### 1445–1515 Break & Exhibition Attendance

### 1515–1715 Parallel Sessions

#### 1515-1715 Sports Medicine

Chair: *Dr Andrew Wootton*

**Metabolic adaptation to exercise and aging: free radicals can be good for you**

*Dr Graeme Close, Liverpool*

**Metabolic adaptation to high intensity training: a little pain for a lot of gain**

*Dr James Morton, Liverpool*

**Optimising preparation for endurance athletic performance: important lessons for surviving high risk surgery and critical care**

*Dr Paul Dark, Salford*

#### 1515-1715 Water Homeostasis

Chair: *Prof Geoff Gill*

**Water water everywhere, but how is it regulated?**

**The story of water homeostasis**

*Dr David Wile, Liverpool*

**Moving points in the physiology and treatment of disorders of water balance**

*Prof Chris Thompson, Dublin*

**The role of apelin in fluid homeostasis**

*Dr Catherine Llorens-Cortes, Paris, France*

### 1515–1715 POC Coordinators Session: POCT

Chair: *Mrs Kath Ashton*

**ePOCT learning and training**

*Dr Joan Pearson, Leeds*

**Pre & Post errors in POCT**

*Mr Phil Bates, Kent*

**POCT Accreditation: Hospital v Community**

*Mrs Annette Thomas, Cardiff*

**Monitoring quality for patients who self-test to be confirmed**

## Wednesday 2 May 2012

### 0845–1045 Parallel Sessions

#### 0845-1045 Informatics

Chair: *Mr Gethin Roberts*

##### Keynote Lecture:

**Information management for point of care testing**

*Dr Jonathan Kay, Oxford*

##### Data visualisation

*Dr Craig Webster, Birmingham*

##### Data mining

*Prof Anthony Fryer, Stoke on Trent*

##### Demand management

*Dr Rick Jones, Leeds*



# Focus on the patient

0845-1045 **Abbott Hosted Session: Cardiovascular Complications**  
 Chair: Dr Richard Chapman, London  
**Managing Cardiac Markers**  
 Dr Paul Collinson, London  
**Improving Cardiac Surgery Outcomes**  
 Dr Olaf Stanger, London  
**New insights in ACS**  
 Dr Nicholas Mills, Edinburgh  
**Risk and Prognosis in CVD**  
 Dr Richard Body, Manchester



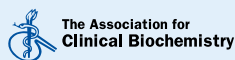
0845-1045 **Clinical Practice Section: Update on renal medicine**  
 Chair: Stuart Smellie  
**Key Changes**  
 Dr Paul Stevens, Canterbury  
**Assessment of GFR and proteinuria – What have KDIGO changed?**  
 Dr Edmund Lamb, Canterbury  
**Assessment of GFR and proteinuria – Are the changes for the better?**  
 Dr Mark MacGregor, Kilmarnock  
**KDIGO CKD Guidelines 2012 – The voice of clinical reason**  
 Dr Chris Winearls, Oxford

1045-1145 **Break & Exhibition Attendance**

1055-1140 **Industry Sponsored Workshops**  
 from Alpha Laboratories and Sebia UK



1145-1230 **AACC Transatlantic Award Lecture**  
**Harmonisation**  
 Dr Greg Miller



1230-1400 **Lunch and Exhibition**

1300-1345 **Attended Poster Session**

1400-1445 **ACB International Lecturer**  
**Vitamin D Status and Bone Health: Critical Decision Levels**  
 Prof Howard Morris, Adelaide, Australia



**SIEMENS**

1445-1515 **Break & Exhibition Attendance**

1515-1715 **Parallel Sessions**

1515-1715 **Adult Inborn Errors of Metabolism**  
 Chair: Mr Paul Newland  
**Haemochromatosis**  
 Dr Martin Lombard, Liverpool  
**Fabrys**  
 Dr Reena Sharma, Salford

**Congenital adrenal hyperplasia in adults**  
 Prof Richard Ross, Sheffield  
**Alkaptonuria**  
 Dr Lakshminarayan Ranganath, Liverpool

1515-1715 **ACB Medal Award**



## Thursday 3 May 2012

0845-1045 **Parallel Sessions**

0845-1045 **Obesity**  
 Chair: Prof Bill Fraser  
**Keynote lecture:**  
**Metabolic consequences of obesity**  
 Dr John Wilding, Liverpool  
**Paediatric obesity**  
 Prof Julian Shield, Bristol  
**Seasonal obesity**  
 Prof Howard Morris, Adelaide, Australia  
**Metabolic consequences of bariatric surgery**  
 Prof Jonathan Pinkney, Plymouth

0845-1045 **Transplantation and the Laboratory**  
 Chair: Mr John Kane  
**Monitoring of immunosuppressants**  
 Prof David Holt, London  
**Histocompatibility testing for transplantation**  
 Dr Sue Martin, Manchester  
**Infection in the immunocompromised**  
 Dr Jim Anson, Liverpool

1045-1145 **Break & Exhibition Attendance**

1055-1140 **Industry Sponsored Workshops**

1145-1230 **The Flynn Lecture**  
**Inflammation: Its impact on biochemical parameters and micronutrient assessment**  
 Dr Denis O'Reilly, Glasgow



1230-1400 **Lunch and Exhibition**

1300-1345 **Attended Poster Session**

1400-1600 **Parallel Sessions**

1400-1600 **Extremes of Age**  
 Chair: Prof Alan Shenkin  
**The epidemic of sarcopenia in the elderly**  
 Prof Malcolm Jackson, Liverpool  
**Progeria**  
 Dr Annachiara De Sandre-Giovannoli, Marseille, France  
**Biochemistry of prematurity**  
 Dr W Yoxall, Liverpool

1400-1600 **Clinical Cases**  
 Chair: Dr Danielle Freedman



## Registration Information

All attendees are strongly advised to register in advance of the meeting.

All fully registered delegates will receive:

- ◆ Delegate Pack including the Handbook, Abstract Book and other associated materials
- ◆ Name Badge permitting access to all sessions
- ◆ Access to the Exhibition and Industry Sponsored Workshops
- ◆ Lunches and refreshments throughout the meeting
- ◆ Admission to the Corporate Members' Evening on Monday evening
- ◆ Admission to the Drinks Reception and Buffet in the Exhibition on Tuesday
- ◆ Admission to the Conference Dinner at St George's Hall on Wednesday evening

### One and Two Day Registrations

One day and two day registrations include:

- ◆ Delegate Pack including the Handbook and other associated materials
- ◆ Name Badge permitting access to all sessions for that day(s)
- ◆ Access to the Exhibition and Industry Sponsored Workshops
- ◆ Lunches and refreshments on the chosen day(s)

Please note that the Conference Dinner is not included in the one and two day fees.

### ACB Temporary Membership

The ACB Temporary Membership fee is available for non-members who wish to attend Focus.

### Registration timings

Registration will open on Monday 30th April from 0800 – 1800 hours at ACCL. Registration

will continue throughout the meeting, opening from 0800 – 1730 hours on each day (1600 on Thursday).

Participants with special needs should contact the Focus 2012 Secretariat in advance for assistance.

### Registration Fees

To take advantage of the reduced registration rates, all registration forms must be returned by 23rd March 2012. Registration fees are:

<b>Early Registration</b> (prior to/on 23rd March 2012)	
◆ ACB Member	£360.00
◆ ACB Temporary Member	£405.00

<b>Registration</b> (after 23rd March 2012)	
◆ ACB Member	£395.00
◆ ACB Temporary Member	£455.00

<b>Early One Day Registration</b> (prior to/on 23rd March 2012)	
◆ ACB Member	£140.00
◆ ACB Temporary Member	£175.00

<b>One Day Registration</b> (after 23rd March 2012)	
◆ ACB Member	£185.00
◆ ACB Temporary Member	£215.00

<b>Early Two Day Registration</b> (prior to/on 23rd March 2012)	
◆ ACB Member	£280.00
◆ ACB Temporary Member	£350.00

<b>Two Day Registration</b> (after 23rd March 2012)	
◆ ACB Member	£370.00
◆ ACB Temporary Member	£430.00

<b>Additional charges for social events:</b>	
◆ Conference Dinner	£70.00

<b>Additional Sessions:</b>	
◆ ACB Training Day	£140.00
◆ National POC Coordinators Meeting	£100.00

### Payment

Payment of fees or a purchase order must accompany all Registration Forms. Registration will not be confirmed until

payment is received. All payments must be in POUNDS STERLING using one of the following methods:

#### 1. Credit Card/Debit Card

This is the preferred method of payment. The following credit cards are welcome: Visa, Visa Debit, Mastercard. Unfortunately American Express and Diners Cards cannot be accepted.

#### 2. Personal or Company Cheque

Payment by personal or company cheque will only be accepted if drawn on a UK bank. Payments should be made to 'The Association for Clinical Biochemistry'.

#### 3. Invoice

Delegates requiring invoices should provide a purchase order number and invoice department/address if different from the Address for Correspondence on the registration form.

#### 4. Bank Transfer

Bank details are provided on the registration form for those wishing to pay by bank transfer.

PLEASE NOTE: NO OTHER METHODS OF PAYMENT CAN BE ACCEPTED

### Cancellation Policy

All cancellations must be sent in writing or e-mailed to the Focus Secretariat:

#### Registration fees.

Cancellations received on or before 23rd March 2012: an administration fee of £50 will be deducted from any refund issued.

Cancellations received after 23rd March 2012: no refunds will be issued.

#### Hotel Accommodation.

Cancellations received on or before 23rd March 2012 (Hilton 28th Jan): no charge will be made.

Cancellations received after 23rd March 2012 (Hilton 28th Jan): hotels will deduct from your credit card an amount up to the value of the duration of the stay booked.

## Accommodation

We have secured accommodation at a number of hotels close to the meeting venue. Owing to high demand, all accommodation must be reserved by 23rd March 2012. Bookings and rates cannot be guaranteed after this date.

To secure your accommodation you must provide a credit card number. Your credit card details will be forwarded to the hotel to secure your booking. Please ensure that your credit card is valid at the time of the meeting otherwise your accommodation cannot be guaranteed.

Rates are quoted per room, per night. All rates quoted include VAT at the prevailing rate.

### Jurys Inn Liverpool ★★★

On site – Hanover House, Hanover Street, Liverpool L1 3DZ

Jurys Inn Liverpool is adjacent to the ACCL. Full breakfast service.

£89.00 single occupancy

£99.00 double/twin occupancy

### Staybridge Suites

On site – 21 Keel Wharf, Liverpool L3 4FN

Also adjacent to the ACCL. Studio suites are equipped with kitchen (stove, microwave, fridge, toaster) and free wi-fi. Breakfast available in the Hub Kitchen (hot and continental options) and 24-hour Pantry sells snacks, ready meals, beers and wines.

Studio suite £115 (double/single occupancy)

### Holiday Inn Express ★★★

0.5 km to ACCL – Britannia Pavilion, Albert Dock, Liverpool L3 4AD

Located within the Britannia Pavilion, Albert Dock, a group of 19th Century Grade 1 listed cast iron and red brick warehouses.

£95.00 per room per night (includes a hot buffet breakfast)

### Hilton Liverpool

0.5 km to ACCL – 3 Thomas Steers Way, Liverpool L1 8LW

Less than a 5 minute walk from the ACCL. Amenities include wi-fi, bar, restaurant and 24 hour fitness centre. Full breakfast service.

£125 single occupancy

£135 double/twin occupancy

### Hampton by Hilton Liverpool City Centre

0.5 km to ACCL - Kings Dock Mill, 7 Hurst Street, Liverpool L1 8DA

A 5 minute walk from the ACCL, the rate includes breakfast and free high-speed internet access. There is a bar and snack shop in the hotel. The hotel also has an underground car park. No twin rooms, sofa beds can be made up if required.

£105 per room per night (includes hot/continental breakfast options)

### Campanile Hotel

0.5 km to ACCL – Chaloner Street, Queen's Dock, Liverpool L3 4AJ

The Campanile has free outdoor parking, a restaurant, bar and wi-fi access (charges apply).

£68 single occupancy

£77 double occupancy (incl. continental breakfast)

### Other Accommodation

There are numerous hotels, hostels and bed and breakfast facilities on offer in Liverpool. If you wish to make your own accommodation reservations, suggestions are available at [www.visitliverpool.com](http://www.visitliverpool.com)

# Focus 2012 registration form

Please register on-line at: [www.focus-acb.org.uk](http://www.focus-acb.org.uk)

Alternatively, please complete this form using BLOCK CAPITALS and return with payment to: Focus 2012, c/o Meeting Makers, Jordanhill Campus, 76 Southbrae Drive, Glasgow, G13 1PP, Scotland, UK Tel: +44 (0) 141 434 1500 Fax: +44 (0) 141 434 1519 Email: [focus2012@meetingmakers.co.uk](mailto:focus2012@meetingmakers.co.uk)

## Personal Details

Prof/Dr/Mr/Mrs/Ms/Other ..... First name .....

Family name .....

Organisation .....

Address for correspondence .....

City ..... Post Code ..... Country .....

Tel ..... Fax ..... Email .....

Personal Requirements (please give details of any dietary requirements or concerns relating to visual or hearing difficulties, access or allergies, etc.):

## Registration fee per person

**Early Registration** (prior to/on 23rd March 2012)

ACB Member **£360** ACB Temporary Member **£405**

£

**Registration** (after 23rd March 2012)

ACB Member **£395** ACB Temporary Member **£455**

£

**Early One Day Registration** (prior to/on 23rd March 2012) (social events not included)

ACB Member **£140** ACB Temporary Member **£175**

£

**One Day Registration** (after 23rd March 2012) (social events not included)

ACB Member **£185** ACB Temporary Member **£215**

£

**Early Two Day Registration** (prior to/on 23rd March 2012) (social events not included)

ACB Member **£280** ACB Temporary Member **£350**

£

**Two Day Registration** (after 23rd March 2012) (social events not included)

ACB Member **£370** ACB Temporary Member **£430**

£

**One Day and Two Day Registrations only:**

Please tick which day you are attending: Tuesday  Wednesday  Thursday

### ADDITIONAL SESSIONS

**ACB Training Day** **£140**

£

ACB Membership Number ..... Length of time in Clinical Biochemistry ..... years

Group A (2-3 years in the profession)  Group B (Taken or about to take FRCPath Part 1)

**National POC Coordinators Meeting** **£100**

£

**Parallel Symposia** (cost included in registration fees)

Please tick the boxes below to indicate which parallel symposia you are *likely* to attend (this does not commit you to these sessions):

**Tuesday am**  Non-Invasive Monitoring

Lipids

**Tuesday pm**  Sports Medicine

Water Homeostasis

**Wednesday am**  Informatics

Abbott Hosted Session

Clinical Practice Section

**Wednesday pm**  Adult Inborn Errors of Metabolism

ACB Medal Award

**Thursday am**  Obesity

Transplantation and the Laboratory

**Thursday pm**  Extremes of Age

Clinical Cases

**Suggested topic for the interactive forum:**

.....

**TOTAL REGISTRATION FEES** £

please turn over>



