

ACB Expert Panel – List of Topics

Alcohol

Cirrhosis, Pregnancy, Measurement, Guidelines, Metabolism

Allergies

Allergy testing, food allergies,

Antibiotics

Proper use, Resistance

Antiseptics/Antimicrobials

Use and Abuse

Bone disease

Calcium, Vitamin D, Osteoporosis, PTH

Brain

Psychotropic drugs, therapeutic monitoring, psychiatric disorders and treatment, Alzheimer's, multiple sclerosis

Burns

Intravenous fluid therapy (also see "nutrition")

Cancer

Screening for cancer, diagnosis, selection of appropriate therapies, monitoring of treatment, tumour markers

Cardiovascular

Heart disease, cardiac enzymes, cardiac markers, troponin, diagnosis, monitoring, (lipids)

Diabetes

Insulin, Blood Sugar, Glucose, Haemoglobin A1c, (lipids)

Drugs of Abuse

Assay, Designer Drugs, Dangers, Identification

Emergency and Intensive Care medicine

Trauma, Rapid turnaround of results, support for diagnosis and care, "Hot" labs, treatment of burns, fluid therapy, (see also "Burns")

Endocrine

Hormones,

Epidemiology/Epidemics

Management of epidemics, Precautions, Popular myths

External Quality Assurance & Quality Control

Consistency within and between laboratories, proficiency testing, analytical comparability and quality

Genomics / genetics

(Tumour) markers, prenatal screening/diagnosis, Genetic profiling, prediction of risk, pharmacogenetics, Downs' syndrome

HIV/AIDS

Diagnosis, Treatment, Prognosis

Immunisation/Vaccination

Degrees of protection, Precautions/side effects, Influenza

Information technology

Patient records, data protection, access to results, order communications, information management

Inherited Metabolic Disorders

Screening (pre and Post natal), treatment, management, diagnosis, Inborn Errors of Metabolism, Cystic fibrosis, etc...

Intestines

Stomach, duodenum, small bowel, pancreas, colon, irritable bowel syndrome, calprotectin, inflammatory bowel disease, Crohn's Disease, Ulcerative Colitis

Laboratory Medicine

Laboratory service provision, relationships with primary care and hospitals, Instrumentation, Automation, Management issues and techniques. Including academic aspects and modernisation

Lipids

Cholesterol, triglycerides, lipoproteins, HDL, LDL, "fats", obesity

Liver

Hepatitis, Liver Enzymes, Gall Bladder, Jaundice, Metabolism of (therapeutic) drugs,

Lungs

Respiratory disease, Blood Gas measurement, Monitoring of treatment, diagnosis,

Nutrition

Obesity, (Lipids,) Total Parenteral Nutrition ("drip feeding"), fluid balance

Paediatrics

Particular aspects of metabolism, different reference ranges, special considerations such as phlebotomy and sampling

Point of Care Testing

Maintaining consistency and continuity in recording results, quality assurance of instrumentation, training of operators, calibration, management

Porphyrias

Pregnancy

Pregnancy testing, In-Vitro Fertilisation, Precautions required, Allergy considerations, Microbiology aspects

Primary care

Communication with GPs, Phlebotomy, relevance and appropriateness of testing, continuity of service

Public Health

Screening, Hospital acquired infections, *see also Antibiotics, Screening, Epidemiology/Epidemics, Immunisation/Vaccination*

Publicity & promotion

Informing the public, developing and promoting best practice, policies and procedures, recruitment and retention of staff, career advice

Quality Management, Measurement Traceability

Consistency of results and services, continuity of care and records, monitoring and improving performance,

Renal disease

Urinary Tract, Bladder, Dialysis, transplantation, eGFR

Screening

Suitability of tests for screening purposes, value of screening, management of screening services, appropriateness, viral infections, bacterial infections

Technology assessment

Evaluation of new instrumentation and techniques, development of new analyses and analytical procedures and instruments, information collection and management, interface with information technologies

Thyroid Disease

Goitre, Thyroxine, T3, T4, TSH, thyrotropin

Toxicology and Therapeutic Drug Monitoring

Poisons, Drugs of abuse, Monitoring treatment, (overlaps with other areas)

Trace elements

Toxicity, Deficiency, Diagnosis, management of therapy

Viral Haemorrhagic Fevers

Detection, Diagnosis, Management, Treatment

Challenges being addressed

- Reflecting new developments
- Involving new membership expertise in Immunology and Microbiology
- Recruiting new experts

Opportunities to be exploited

- Members could be added to the Science Media Centre Database
- Potential for collaboration with Voice of Young Science “Ask for Evidence” campaign
- Networking with members to facilitate internal exchange of ideas and good practice
- Resource for Scientific Committee and Clinical Practice Section
- Resource for the Editor of the Annals
- Potential to mentor early career members as they develop particular expertise
- Resource to promote best practice outside the ACB
- Resource to identify and communicate key information to
 - Patients/Public
 - Politicians
 - Commissioners

History of the Panel

- Conceived in 2007 to help identify relevant members to respond to inquiries
- Science Media Centre was encouraging and recognises that members are bona fide experts in their field to answer media inquiries
- Media training programme undertaken to develop communication skills and media awareness

What can I do?

– Fill in the form below and copy or tear off and take it to the ACB stand or send to the ACB Office to:

- Volunteer for membership
- Express an interest in networking on a topic of interest
- Ask for advice or guidance on a topic that has been troubling you
- Register your developing interest in a particular topic area
- Make your own suggestion for the group

ACB Expert Panel Re-Launch

I am interested in supporting the revitalised expert panel by (tick relevant box(es))

Volunteering to join the panel
My topics of expertise are:

Networking with the panel on the following topics:

Making comments or suggestions for the panel.

Name: _____

eMail address: _____

Return to:
Association for Clinical Biochemistry and Laboratory Medicine, 130-132 Tooley Street, London, SE1 2TU



**The Association for
Clinical Biochemistry &
Laboratory Medicine**

Better Science, Better Testing, Better Care

Re-Launch of the

ACB Expert Panel

Focus 2015 Cardiff, 8 – 11 June 2015

The Association's strategic plan recognised the importance of the Expert Panel and called for its revitalisation and re-launch. Robert Hill has taken on leadership of the Panel and after groundwork undertaken by the Scientific Committee and Clinical Practice Section the revitalised Panel will be re-launched through presentations in the exhibition area at Focus 2015 in the Millennium Centre Cardiff on:

Tuesday 9th June at 1:30pm

Wednesday 10th June at 1:05pm

and

Thursday 11th June at 1:00pm

Come along and hear about the work of the panel and the plans for the future and

- **Ask questions**
- **Offer suggestions**
- **Find out how you can support the effort**