

**Liver-Gut Axis
Friend or Foe?
30 year Celebrations
Liver Unit
Birmingham Women's and Children's Hospital
Venue: Edgbaston Conference Centre,
Edgbaston, Birmingham
19th – 20th March 2020
www.liverunit30.co.uk**

**Birmingham Children's Hospital, Five Ways, Birmingham,
1989 - 1998**



**Birmingham Children's Hospital, Steelhouse Lane,
Birmingham 1998 to present day**



Welcome Message

Dear Colleagues, Alumni, Friends and Sponsors

Thank you so much for joining us on this very special occasion when we celebrate 30 years of the Liver Unit since it was established in 1989. Since the Unit opened more than 8,000 patients have been treated and more than 1000 transplants performed which is a huge achievement for the team and a credit to their compassion and dedication.

The theme of the meeting represents the close connection of the liver and the gut and focuses on new thinking and management of the challenging diseases affecting our patients.

The course builds on the strong collaboration between the Liver Units at BWCH and the Queen Elizabeth Hospital, Gastroenterology and the regional paediatricians whom we have trained and refer patients to us.

There will be workshops highlighting the work of our Allied Health Professionals and interaction with our patients in providing multidisciplinary team involvement in the care of children with liver disease who may also have gut involvement.

A very special welcome to our Alumni who have been integral in the success of the Unit and without whom we could not have achieved so much. We look forward to welcoming you to the special programme for Alumni at BCH on the Saturday 21st March.

We hope you will enjoy this interactive programme which reflects the diversity of talents and interests of all those who have worked in the Liver Unit and Gastroenterology Units over the past 30 years.

Venue:

Edgbaston Conference Centre

<https://www.edgbastonparkhotel.com/>

Local Organising Committee:

Professor Deirdre Kelly, CBE, Professor of Paediatric Hepatology, Liver Unit, Birmingham Women's and Children's Hospital,

Professor Darius Mirza, Professor of Hepatobiliary & Transplant Surgery, QE Hospital & Birmingham Women's and Children's Hospital

Dr Indra van Mourik
Consultant Paediatric Hepatologist, Birmingham Women's and Children's Hospital

Dr Susan Protheroe, Consultant Paediatric Gastroenterologist, Birmingham Women's and Children's Hospital

Dr Ye Htun Oo, Medical Research Council Clinician Scientist at Centre for Liver Research, UHB and Honorary Consultant Hepatologist at UHB NHS FT

Dr Chris Spray, Consultant Paediatric Gastroenterologist, Royal Hospital for Children, Bristol

Mrs Kylie Millsom, Specialist Liaison and Research Nurse, Liver Unit, Birmingham Women's and Children's Hospital

Ms Alison Taylor, CEO, Children's Liver Disease Foundation, Birmingham

Mrs Carla Lloyd, Conference Secretary

Thank you to sponsors:

On behalf of Birmingham Women's and Children's Hospital and University Hospital of Birmingham, we are most grateful and indebted to all our partners for their contributions to this special 30 year celebration.

Our commercial sponsors and charitable organisations play an integral part in our meeting to complement the independently developed scientific programme. This interaction provides the opportunity to share and acquire knowledge in partnership for the mutual benefit of patient care.

We are pleased to welcome sponsors to our 2020 meeting providing some continuity but also variety with opportunity for new dialogue.

Informed dialogue and open exchange of information are of key importance; it is with this spirit, that we encourage all delegates to take time to visit the exhibitors and to thank them for their support of this event.

Educational grants

Platinum

Mirum Pharmaceuticals



<https://mirumpharma.com/>

Gold

Albireo Pharmaceuticals



<https://www.albireopharma.com/>

Silver

Fresenius Kabi & Calea

SRA Developments Ltd



<https://www.fresenius-kabi.com/>

<https://bowa-medical.co.uk/>

Exhibitors

Abbvie Pharmaceuticals

AMGEN

Pfizer

Takeda

GMB Orphan

SPLIT Charity

<http://www.split.org.uk/>

Liver-Gut Axis Friend or Foe?

Thursday 19th March 2020

10.00 – 10.45 **Registration and Coffee**

10.45 – 10.55 **Welcome:**

Sarah Jane Marsh

Chief Executive

Birmingham Women's and Children's Hospital

11.00 – 13.15

Session One:

**Liver-Gut Axis
Chairs**

Professor Deirdre Kelly, CBE

Professor Alan Phillips

Jane Hartley

11.00 – 11.45 **Key Note Lecture**
The liver – gut axis in inflammatory liver and bowel disease
Professor David Adams
Birmingham

11.45 – 12.15 **Immunology of the Liver-Gut Axis**
Dr Ye Htun Oo
Birmingham

12.15 – 12.45 **Role of Gut Microbiome on Liver and Brain Networks and inflammation**
Professor Manu Sood
Milwaukee, USA

12.45 – 13.15 **IBD and Liver disease: Never mind the theory what would you do in practice?**
Professor Richard Russell
Glasgow

13.15 – 14.15

Lunch
Opportunity to visit Exhibitor Stands
Poster Viewing

14.15 – 15.35

Session Two:

New Drugs and Therapies on the Block I

Henkjan Verkade
Netherlands

Udeme Ekong
Georgetown

14.15 - 14.35

NAFLD

Professor Quentin Anstee
Newcastle

14.35 – 14.55

Anti Fibrotics

Palak Trivedi,
Birmingham

14.55 – 15.15

Cystic fibrosis

Suzanne Davison
Leeds

15.15 – 15.35

Gene Therapy in Liver Disease

Professor Ulrich Baumann
Hannover

15.40 – 16.00 p.m.

Tea Break

16.00 – 17.50

Session Three:

New Drugs and Therapies on the Block II

Chairs:

***Helen Evans
New Zealand***

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|----------------------|---|
| 16.00 – 16.20 | Viral Hepatitis
<i>Professor David Mutimer
Birmingham</i> |
| 16.20 – 16.40 | Cholestasis
<i>Professor Richard Thompson
London</i> |
| 16.40 – 17.00 | Wilson's Disease
<i>Indra van Mourik
Birmingham</i> |
| 17.00 – 17.20 | Biologics for IBD
<i>Rafeeq Muhammed
Birmingham</i> |
| 17.20 – 17.50 | Immunotherapy for Autoimmune Disease
<i>Professor David Wraith
Birmingham</i> |

18.30 Drinks

**19.00 p.m. Welcome Dinner
Edgbaston Conference Centre**

Friday 20th March 2020

Registration 8.00 – 8.30

8.30 – 9.00

**Session Four
Key Note Lecture**

Chairs

***Huda Noujaim
Sao Paolo***

***Professor Paul McMaster
UK***

8.30 – 9.00

Key Note Lecture

Liver graft options for children in the 21st century

*Professor Jean de Ville de Goyet
Palermo*

9.00 – 9.30

**Session Four
Organ allocation and transplantation**

Chairs

***Hermien Hartog
Birmingham***

***John Walker Smith
UK***

9.00 – 9.10

Current allocation of donor organs

*Dr Douglas Thorburn
London*

9.10 – 9.30

Is there a future for intestinal transplantation

*Dr Girish Gupte
Birmingham*

9.30 – 10.00

**Session Five
Debate**

Chair

***Dr Fiona Reynolds
Birmingham***

***Mr David Mayer
Birmingham***

9.30 – 10.00

Debate with audience voting:

This house believes that UK liver organ allocation systems should preferentially allocate donor organs to children.

For the Motion

***Professor Paolo Muisean
Birmingham***

Against the Motion

***Mr Thamara Perera
Birmingham***

Coffee break

10.05 – 10.20

Parallel Sessions: 10.20 – 12.20

**Parallel Session 1.
Advances in Liver Transplantation
Chairs**

Sara Gozzini
Manchester

Seck Hock Quak
Singapore

The Impact of Newer Preservation technology on delivery of liver transplantation

Mr Hynek Mergental
Birmingham

Solving graft shortages in the developing world

Neelam Mohan
New Delhi

Outcome of living related transplantation

Professor Anupam Sibal
New Delhi

Long Term Outcome/GIG results – Professor Deirdre Kelly, CBE

**Parallel Session 2.
Future Strategies for Intestinal Failure and Nutrition**

Peter Sullivan
Oxford

Ian Booth
Birmingham

GLP- 2 for short bowel syndrome causing IF

Sue Protheroe
Birmingham

Infants on Parenteral Nutrition: Getting the calories right

Akshay Batra
Southampton

NAFLD and Liver-Gut Axis

Associate Professor Nitika Arora
Atlanta

Microbes, intestinal failure and IFALD

Dr Ronald Bremner
Birmingham

**Parallel Session 3:
Optimising outcomes for children with liver and gut disease
Chairs**

**Kylie Millsom
Birmingham**

**Sara Clarke
Birmingham**

Measuring frailty: Sarcopenia

*Jemma Mears
Birmingham*

Role of Advanced Nurse Practitioner

*Julie Summersby
Birmingham*

Pain Management

*Rachael Desai
Birmingham*

**Looking after ourselves as Health Care Professionals, resilience
and self care**

*Rebecca Hodgetts
Birmingham*

12.20 – 12.30

**Summary and feedback from Parallel sessions
Feedback from Parallel sessions 1 – 3**

**Professor Bhu Sandhu
Bristol**

12.30 – 13.40

**Lunch
Opportunity to visit exhibitor stands
Poster viewing and judging**

13.40 – 15.40

Parallel sessions

Parallel session 4:

**Care closer to home : 20/20 Vision
Panel**

**Chris Spray, Bristol
Sarah Pugh, Birmingham**

**Lauren Johansen, Birmingham
Alison Taylor, Birmingham**

Pathways of care; mutual collaboration with regional hospitals

Managing liver and gastroenterology conditions in the regions

Diana Flynn – Scotland

TBC -England

Louise McCloughlin – Northern Ireland

Amar Wahid – Wales

**Online medicine ; using Artificial Intelligence and virtual clinics:
Professor Milan Koya (60 mins)**

**Parallel session 5 :
Hepatobiliary surgery –**

**Evelyn Ong
Birmingham**

**Philip John
Toronto**

Biliary atresia :

Centralisation of Surgical Management of EHBA in the UK

Professor Mark Davenport

London

Long Term Outcome of patients diagnosed with EHBA

Professor Christophe Chardot

Paris

Liver Tumours in childhood – do we still need surgeons :

Mr Khalid Sharif

Birmingham

Management of Pancreatitis in 2020:

Professor Darius Mirza

Birmingham

**Parallel session 6 :
Endoscopy**

Fiona Cameron
Liverpool

Sue Beath
Birmingham

Out of hours bleeding background

Professor Mike Thomson
Sheffield

Who manages out of hours bleeding ?

Clinician :

Professor Mike Thomson
Sheffield

Surgeon :

Mr Tony Lander
Birmingham

**Prophylactic endoscopic management of varices v beta blockers
in children**

Professor Pat McKiernan
Pittsburgh

Who trains the trainers

Dr Priya Narula
Sheffield

**Parallel session 7:
Transition – Getting it Right**

Graham Gordon
Birmingham

Annette Mulcahy
Birmingham

Transition/adolescent – Lessons learnt

Monica Smith
Birmingham

Getting your mind around transition

Zoe Taylor
Birmingham

Transitioned and transitioning patients and parents TBC

Perspectives in supporting young people in residential care

Louise Hawkins, CLDF Youth Worker

Birmingham

What do I want to know. What works well in adult services

Dr Fiona Thompson

Birmingham

15.40 – 16.00

Tea break

16.00 – 16.20

Feedback of parallel sessions 4 – 7

Chairs

Jacintha Tobin
Australia

Lisa Whyte
Birmingham

16.20 – 16.30

End of Day Summary

16.30 – 17.15

Key Note closing lecture

Chairs

Professor Andrew Pollard, Oxford
Professor Stefan Hubscher, Birmingham

16.30 – 17.15

Looking to the future

Science, certitude, uncertainty

Professor Paul Gissen

London

17.15 – 17.30

Awards and End of Day Summary

Chair :

**Professor Deirdre A Kelly, CBE
Mrs Gill Brook, CBE
Mr Khalid Sharif
Dr Sue Protheroe**

17.15 – 17.30

Poster Prize Presentations

- **Surgical**
- **Liver Medical**
- **Gastrointestinal/intestinal failure**
- **Best Allied Health Professional Poster**

17.30

**Closing Speech:
Professor Bruce Keogh
Chairman
Birmingham Women's and Children's Hospital**

19.00

**Carriages from Edgbaston Conference Centre to Alumni Dinner, Imran's,
Ladypool Road, Birmingham**

**19.30 till late
Alumni Dinner**

22.00

Carriages home from Imran's to Edgbaston Conference Centre