Liver-Gut Axis
Friend or Foe?
30 year Celebrations
Liver Unit
Birmingham Women’s and Children’s Hospital
www.liverunit30.co.uk

The Liver Unit at Birmingham Women’s and Children’s Hospital is celebrating their 30 year anniversary commemorating the opening of the Paediatric Liver Unit in 1989 at Birmingham Children’s Hospital, Five Ways, Birmingham.

We are delighted to be hosting a joint scientific meeting with our Gastroenterology and Allied Health Professional Colleagues over two days. There will be plenary sessions in the field of Hepatology, Gastroenterology and Nutrition with opportunities for interactive discussion and workshops led by all our team including our Allied Health Professionals.

Don’t miss this special event to catch up with all of us, contribute to the science and have fun!
Birmingham Children’s Hospital, Five Ways, Birmingham, 1989 - 1998

Birmingham Children’s Hospital, Steelhouse Lane, Birmingham 1998 to present day
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 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
Educational grants

**Platinum**

Mirum Pharmaceuticals

https://mirumpharma.com/

**Gold**

Albireo Pharmaceuticals

https://www.albireopharma.com/

**Silver**

Fresenius Kabi & Calea

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

Special Exhibitor

Abbvie Pharmaceuticals

**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

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

11.45 – 12.15  Immunology of the Liver-Gut Axis
Professor Ye Oo

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

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

14.15 - 14.35  NAFLD – Professor Quentin Anstee
14.35 – 14.55  Anti Fibrotics – Palak Trivedi
14.55 – 15.15  Cell Therapy – Professor Phil Newsome
15.15 – 15.35  Gene Therapy in Liver Disease –

15.40 – 16.00 p.m.
Tea Break

16.00 – 17.50
Session Three:
New Drugs and Therapies on the Block II

16.00 – 16.20  Viral Hepatitis – Professor David Mutimer
16.20 – 16.40  Cholestasis – Professor Ulrich Baumann
16.40 – 17.00  Wilson’s Disease – Dr Indra van Mourik
17.00 – 17.20  Biologics for IBD – Dr Rafeeq Muhammed
17.20 – 17.50  Immunotherapy for Autoimmune Disease
Professor David Wraith

18.30 Drinks
19.00 p.m. Welcome Dinner
Edgbaston Conference Centre

Friday 20th March 2020
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Four</th>
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<tr>
<td>8.30 – 9.00</td>
<td>Key Note Lecture</td>
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<td>Liver graft options for children in the 21st century– Professor Jean de Ville de Goyet</td>
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<tr>
<td>9.00 – 9.10</td>
<td>Current allocation of donor organs</td>
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<td>Dr Douglas Thorburn</td>
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<td>9.10 – 9.30</td>
<td>Is there a future for intestinal transplantation</td>
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<td>Dr Girish Gupte</td>
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<td>9.30 – 10.00</td>
<td>Session Five</td>
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<td>Organ allocation - Debate</td>
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<td>9.30 – 10.00</td>
<td>This house believes that UK liver organ allocation systems should preferentially allocate donor organs to children.</td>
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<td>For the Motion</td>
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<td>Professor Paolo Muisean</td>
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<td>Against the Motion</td>
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<td>Mr Thamara Perera</td>
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<td>Debate with audience voting</td>
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<td>Coffee break</td>
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<td>10.05 – 10.20</td>
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Parallel Sessions: 10.20 – 12.20

Parallel Session 1.
Advances in Liver Transplantation

- The Impact of Newer Preservation technology on delivery of liver transplantation – Mr Hynek Mergental
- Solving graft shortages in the developing world- Dr 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

- GLP- 2 for short bowel syndrome causing IF - Dr Sue Protheroe
- Infants on Parenteral Nutrition: Getting the calories right – Dr Akshay Batra
- NAFLD and Liver-Gut Axis – Associate Professor Nitika Arora
- Microbes, intestinal failure and IFALD– Dr Ronald Bremner

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

- Measuring frailty – Sarcopenia – Jemma Mears
- Role of Advanced Nurse Practitioner – Julie Summersby
- Pain Management – Rachael Desai
- Looking after ourselves as Health Care Professionals, resilience and self care – Rebecca Hodgetts

12.20 – 12.30 Summary and feedback from Parallel sessions by chair
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

Pathways of care; mutual collaboration with regional hospitals
Managing liver and gastroenterology conditions in the regions – Scotland / England/ N. Ireland / Wales (1 hour - 15mins each)

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

Parallel session 5:
Hepatobiliary surgery –

Biliary atresia: Centralisation of Surgical Management of EHBA in the UK
Professor Mark Davenport

Biliary atresia: Long Term Outcome of patients diagnosed with EHBA - Professor Christophe Chardot

Liver Tumours in childhood – do we still need surgeons: Mr Khalid Sharif

Management of Pancreatitis in 2020: Professor Darius Mirza
Parallel session 6: Endoscopy

‘It’s 2am, you must be bleeding joking!’

Out of hours bleeding – Professor Mike Thomson (background)

Who manages out of hours bleeding? –

Professor Mike Thomson – Consultant Paediatric Gastroenterologist

Mr Tony Lander, Consultant Paediatric Surgeon

Prophylactic endoscopic management of varices v beta blockers in children – Professor Pat McKiernan

Who trains the trainers - Dr Priya Narula

Parallel session 7: Transition – Getting it Right

Transition/adolescent – Lessons learnt– Monica Smith

Getting your mind around transition – Zoe Taylor

Transitioned and transitioning patients and parents TBC

Perspectives in supporting young people in residential care
Louise Hawkins, CLDF Youth Worker

What do I want to know. What works well in adult services – Dr Fiona Thompson

15.40 – 16.00
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<tr>
<th>Time</th>
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<tr>
<td>16.00 – 16.30</td>
<td>Tea break</td>
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<td>16.30 – 18.15</td>
<td>End of meeting Key Note Lecture</td>
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<td>16.30 – 17.15</td>
<td>Looking to the future – Professor Paul Gissen Science, certitude, uncertainty</td>
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<td>17.15 – 17.30</td>
<td>Poster Awards</td>
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<td>17.15 – 17.30</td>
<td>Poster Prize Presentations</td>
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<td></td>
<td>• Surgical</td>
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<td>• Liver Medical</td>
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<td>• Gastrointestinal/intestinal failure</td>
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<td>• Best Allied Health Professional Poster</td>
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<td>17.30</td>
<td>Closing Speech: Professor Bruce Keogh Chairman Birmingham Women’s and Children’s Hospital</td>
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<td>19.00 –</td>
<td>Carriages to Alumni Dinner</td>
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<td>19.30 till late –</td>
<td>Alumni Dinner</td>
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<td>22.00 –</td>
<td>Carriages home</td>
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Speakers:

Professor David Adams  
Institute of Immunology and Immunotherapy  
College of Medical and Dental Sciences  
Medical School, University of Birmingham  
Edgbaston, Birmingham  B15 2TT

Professor Quentin Anstee  
Consultant Hepatologist  
Newcastle University  
4th Floor William Leech Building  
Framlington Place  
Newcastle upon Tyne, NE2 4HH

Dr Nitika Arora  
Associate Professor  
Emory University  
Pediatric Gastroenterology, Hepatology and Nutrition  
1760 Haygood Drive, NE

Dr Akshay Batra  
Consultant Paediatric Gastroenterologist  
Southampton General Hospital  
Tremora Road  
Southampton

Professor Ulrich Baumann  
Consultant Paediatric Gastroenterologist and Hepatologist  
Hannover

Dr Ronald Bremner  
Consultant Paediatric Gastroenterologist  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham, B4 6NH

Professor Christophe Chardot  
Consultant Paediatric Hepatobiliary Transplant Surgeon  
Service de Chirurgie Pediatricque  
Hopital Necker-Enfants Malades  
149 Rue de Sevres  
75743 Paris

Professor Mark Davenport  
Paediatric Hepatobiliary Surgeon  
King’s College Hospital  
London

Professor Jean de Ville de Goyet  
Director of the Department for the Treatment and Study of Pediatric Abdominal Diseases and Abdominal Transplantation  
Via E. Tricomi 5  
Palermo, Sicily

Ms Rachel Desai  
Clinical Nurse Specialist  
Pain Management Team  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham, B4 6NH
Professor Paul Gissen  
UCL, Great Ormond Street Hospital for Children  
Great Ormond Street  
London

Dr Girish Gupte  
Consultant Paediatric Hepatologist  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham, B4 6NH

Ms Rebecca Hodgetts  
Clinical Psychologist  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham, B4 6NH

Professor Deirdre Kelly, CBE  
Consultant Paediatric Hepatologist  
Liver Unit  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham, B4 6NH

Professor Patrick McKiernan  
Consultant Paediatric Hepatologist  
Children’s Hospital Pittsburgh  
Pittsburgh

Mr Tony Lander  
Consultant Paediatric Surgeon  
BWCH  
Steelhouse Lane  
Birmingham

Ms Jemma Mears  
Liver Unit Physiotherapist  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham, B4 6NH

Mr Hynek Mergental  
Consultant Liver Transplant and Multi-Organ Retrieval Surgeon  
Queen Elizabeth Hospital  
Birmingham

Professor Darius Mirza  
Consultant Hepatobiliary and Transplant Surgeon  
University Hospital of Birmingham  
Edgbaston  
Birmingham

Dr Neelam Mohan  
Director, Paediatric Consultant  
The Medicity  
Sector 38  
Near Rajiv Chowk  
Gurugram  
Haryanan 122001
Dr Rafeeq Muhammed  
Consultant Paediatric Gastroenterologist  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham  

Professor Paolo Muisean  
Consultant Hepatobiliary and Transplant Surgeon  
UHB & BWCH  
Birmingham  

Professor David Mutimer  
Professor of Clinical Hepatology and Honorary Consultant Hepatologist  
University Hospital of Birmingham  
Edgbaston  
Birmingham  

Dr Priya Narula  
Consultant Paediatric Gastroenterologist  
Sheffield Children’s Hospital  
Western Bank  
Sheffield, S10 2TH  

Professor Philip Newsome  
Institute of Immunology and Immunotherapy  
College of Medical and Dental Sciences  
Medical School, University of Birmingham  
Edgbaston, Birmingham  B15 2TT  

Professor Ye OO  
Research Council Clinician Scientist at Centre for Liver Research  
University of Birmingham  
Honorary Consultant Hepatologist  
UHB NHS FT  
Edgbaston  

Mr Thamara Perera  
Consultant Hepatobiliary and Transplant Surgeon  
UHB & BWCH  
Birmingham  

Dr Sue Protheroe  
Consultant Paediatric Gastroenterologist  
Birmingham Women’s and Children’s NHS FT  
Steelhouse Lane  
Birmingham  

Professor Richard Russell  
Consultant Paediatric Gastroenterologist  
Royal Hospital for Children  
Govan Road  
Glasgow  

Mr Khalid Sharif  
Consultant Hepatobiliary and Transplant Surgeon  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham  B4 6NH
Mrs Monica Smith  
Transition Nurse  
Liver Unit  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham, B4 6NH  

Professor Anupam Sibal  
Consultant Paediatric Hepatologist  
Director  
Apollo Hospital  
Delhi  

Professor Manu Sood  
Consultant Paediatric Gastroenterologist  
Medical College, Wisconsin  
Gastroenterology - Children’s  
9000 West Wisconsin Avenue  
Milwaukee, WI 53226  

Ms Julie Summersby  
Advanced Nurse Practitioner  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham, B4 6NH  

Ms Zoe Taylor  
Transition Psychologist  
Liver Unit  
Birmingham Women’s and Children’s Hospital  
Steelhouse Lane  
Birmingham  

Edward Tuddenham MD  
Emeritus Professor of Haemophilia UCL  
Katharine Dormandy Haemophilia Centre  
Royal Free Hospital  
Pond Street NW3 2QG  

Dr Fiona Thompson  
Consultant Hepatologist  
University Hospital of Birmingham  
Edgbaston  
Birmingham  

Professor Mike Thomson  
Consultant Paediatric Gastroenterologist  
Sheffield Children’s Hospital  
Western Bank  
Sheffield  

Dr Douglas Thorburn  
Consultant Hepatologist  
Royal Free Hospital  
London  

Dr Palak Trivedi  
Clinical Lecturer, UoB  
Liver Unit  
UHB, Edgbaston, Birmingham
Dr Indra van Mourik
Consultant Paediatric Hepatologist
Liver Unit
BWCH
Steelhouse Lane
Birmingham, B4 6NH

Professor David Wraith
Institute of Immunology
University of Birmingham
Birmingham
Saturday 21st March 2020

Alumni Ward Round
Birmingham Children’s Hospital

9.00 – 9.10 Welcome and coffee
9.10 – 10.00 Grand Round visit, Ward 8 BWCH
10.00 – 12.00 Alumni presentations:
   - Anupam Sibal, New Delhi
   - Andrew Pollard, Oxford
   - Neelam Mohan, New Delhi
   - Helen Evans, Auckland
   - Jacqui Blyth, Birmingham
   - Philip John, Toronto
   - Manu Sood, Milwaukee
12.00 – 12.30 Summary
12.30 - 13.00 Travel to
   Alumni Lunch at
   Professor Kelly home