16th - 17th October 2017
Chelsea Football Club
Stamford Bridge, Fulham Road,
London SW6 1HS

As in previous years, application planned for accreditation for CPD points by RCPCH
SIGNEC U.K. includes neonatologists, paediatricians, surgeons, dieticians, nurses, transfusion medicine specialists, epidemiologists, basic science researchers, trainees and other healthcare professionals with an interest in NEC and health improvement.

The aim is to facilitate knowledge sharing, networking and collaboration to optimise research and improvements in practice.

Make a difference by sharing your thoughts and passion and contributing your expertise

PROGRAMME OF EVENTS

SPECIAL INTEREST GROUP NEC, U.K.
Event supported by an educational grant from

NUTRICIA
Early Life Nutrition
16th October 2017
Basic science and laboratory research

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker/Institution</th>
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</thead>
<tbody>
<tr>
<td>1230-1320</td>
<td>Registration followed by Lunch</td>
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<tr>
<td>1320-1330</td>
<td>Welcome, Introduction to SIGNEC and plan for the afternoon</td>
<td>Prof. Minessh Khashu, Consultant in Neonatal Medicine, Poole Hospital NHS FT</td>
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<td>Session Chairs: Prof. David Hackam/ Prof. Boris Kramer</td>
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<tr>
<td>1405-1440</td>
<td>Novel Signaling Pathways involved in NEC</td>
<td>Misty Good, MD, Assistant Professor of Pediatrics, Washington University School of Medicine. Department of Pediatrics. Division of Neonatal Medicine. St. Louis Children’s Hospital.</td>
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<tr>
<td>1440-1515</td>
<td>NEC and sepsis - more than a clinical differential diagnosis</td>
<td>Boris W. Kramer MD, PhD, Professor of Experimental Perinatology, Maastricht University Medical Center. Director of Pediatric Research.</td>
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<td>1515-1545</td>
<td>Tea/Coffee break</td>
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<td>1545-1620</td>
<td>Effects of fetal exposure to inflammation on the development of the GI tract and its associated micro biome.</td>
<td>Steven J McElroy MD, Associate Professor, Division of Neonatology, Stead Family Department of Pediatrics, University of Iowa.</td>
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<td>1620-1655</td>
<td>Update on Stem Cell and Probiotic Therapy for NEC</td>
<td>Gail E. Besner, M.D., H. William Clatworthy Professor of Pediatric Surgery, Chief, Department of Pediatric Surgery, Principal Investigator, Center for Perinatal Research, Nationwide Children’s Hospital.</td>
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<td>1655-1730</td>
<td>SIGIRR in NEC</td>
<td>Venkatesh Sampath MD, MRCPch, Associate Professor of Pediatrics, Director, Donald Thibeault Lung and Immunology Lab, Children’s Mercy Kansas City.</td>
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<td>1730-1735</td>
<td>Closing remarks</td>
<td>Minessh Khashu</td>
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<td>1735-1835</td>
<td>Poster session</td>
<td>please submit posters using template provided on website.</td>
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<td>1900</td>
<td>Reception/Dinner</td>
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<tr>
<td>Time</td>
<td>Event</td>
<td>Speaker(s)</td>
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<tr>
<td>0900-0930</td>
<td>Coffee &amp; Registration</td>
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</table>
| 0930-0945 | Welcome and plan for the day                                        | Minesh Khashu  
Consultant in Neonatal Medicine, Poole Hospital NHS Foundation Trust  
**Session Chair:** Prof. Minesh Khashu/ Caroline Lee-Davey |
| 0945-1020 | Turning Loss into Light: The Necrotizing Enterocolitis Society’s commitment to advocacy, prevention and diverse collaboration. | Jennifer Canvasser, MSW  
NEC Society | Founder & Executive Director  
                                                                                                                                                               |
| 1020-1035 | Bliss report on Neonatal Transport                                  | Caroline Lee-Davey  
Chief Executive, Bliss  
                                                                                                                                                               |
| 1035-1050 | Transfers of babies with NEC                                        | Dr. Andrew Leslie  
Nurse Consultant  
CenTre Neonatal Transport  
                                                                                                                                     |
| 1050-1120 | Panel discussion: How can we improve the transfer of neonates with NEC and the experience of parents? | Eleri Adams (Moderator)  
Clinical Director Children’s Critical Care & Neonatology, Oxford University Hospitals  
Clinical Lead, SOnET transport service  
Andrew Leslie, Nurse Consultant  
Caroline Lee-Davey, Chief Executive, Bliss  
Joanne Ferguson, Parent Advocate, Former PPE rep National Neonatal CRG  
                                                                                                                                     |
| 1120-1150 | Tea/Coffee break                                                    |                                                                                            |  
| 1150-1225 | Genetic predisposition to NEC: Myth or Truth?                       | Venkatesh Sampath MD, MRCPCh  
Neonatology/Pediatrics  
Associate Professor of Pediatrics  
Director, Donald Thibeault Lung and Immunology Lab  
Children’s Mercy Kansas City  
                                                                                                                                     |
| 1225-1300 | Overview of the nationwide surveys for neonates with necrotizing enterocolitis in Japan | Prof. Tomoaki Taguchi, MD, PhD, FACS  
Professor and Chairman  
Department of Pediatric Surgery  
Director, Children’s Medical Centre  
Kyushu University Hospital, Fukuoka, Japan  
Congress Chairman, Japanese Society of Pediatric Surgeons 2016  
                                                                                                                                     |
| 1300-1400 | Lunch & Networking                                                  |                                                                                            |  
|        | **Afternoon session** - Session Chair: Prof. Kate Costeloe, Barts and the London School of Medicine and Dentistry |                                                                                            |  
| 1400-1435 | MAGPIE - Mechanisms affecting the gut of preterm infants in enteral feeding trials: a clinician’s approach to the use of 'omic' technologies in understanding NEC. | Dr Nicholas D Embleton BSc MBBS MD FRCPCH  
Consultant Neonatal Paediatrician, Newcastle Hospitals NHS Foundation Trust  
Honorary Reader in Neonatal Medicine, Newcastle University  
Newcastle upon Tyne, UK  
                                                                                                                                     |
| 1435-1510 | Development of a Tissue engineered intestine                       | Prof. David J. Hackam  
Prof. Gail E. Besner  
                                                                                                                                     |
| 1510-1540 | Tea/Coffee break                                                    |                                                                                            |  
| 1540-1615 | New insights into the epidemiology of NEC: role of anemia and cytomegalovirus | Ravi Mangal Patel, MD, MSc  
Assistant Professor of Pediatrics  
Division of Neonatology  
Emory University School of Medicine  
                                                                                                                                     |
Management and outcomes of surgical NEC: A U.K. wide cohort study
Amit Gupta MD, FRCPCH, PGCertMed
Consultant Neonatologist, Oxford University Hospitals NHS FT
Honorary Senior Lecturer, University of Oxford
Associate Dean- Oxford Deanery

Next steps in NEC clinical trials
Prof. Neena Modi MB ChB MD FRCP FRCPCH FRCP
Professor of Neonatal Medicine
Imperial College London
Chelsea and Westminster Hospital
President, Royal College of Paediatrics and Child Health

The national Maternal & Neonatal Health Safety Collaborative: supporting improvements in neonatal outcomes
Michele Upton
Patient Safety Lead, Maternity & Newborn
NHS Improvement

Summary, next steps and close
M Khashu

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mineshkhashu@gmail.com

Funded by an educational grant from Danone Nutricia Early Life Nutrition

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SIGNEC UK
5th Annual Conference
LONDON 2017