



SIGNEC UK

4th International Conference
LONDON 2016

26th - 27th September 2016
Chelsea Football Club
Stamford Bridge, Fulham Road,
London SW6 1HS

The aim of SIGNEC 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

Monday 26th September 2016
Basic science and laboratory research

1230 -1315	Registration followed by Lunch
1315 -1330	Welcome, Introduction to SIGNEC and plan for the afternoon Prof. Minesh Khashu MBBS, FRCPCH, MD <i>Consultant in Neonatal Medicine, Poole Hospital NHS FT</i> Session Chair: Prof. Kate Costeloe <i>Professor of Paediatric Research, Barts and the London School of Medicine and Dentistry, Queen Mary University of London</i>
1330 -1405	Dietary supplementation with Retinoic Acid for prevention of NEC Prof. David J. Hackam MD, PhD, FACS <i>Chief of Pediatric Surgery, Johns Hopkins University, Garrett Professor of Pediatric Surgery Surgeon in Chief and Co-Director, Bloomberg Children's Center, Johns Hopkins Hospital</i>
1405 -1440	Role of microRNAs in NEC Dr. Misty Good MD <i>Assistant Professor of Pediatrics, Division of Neonatology. Children's Hospital of Pittsburgh of UPMC, Magee-Womens Hospital of UPMC. UPMC Newborn Medicine Program. University of Pittsburgh School of Medicine</i>
1440 -1515	The development of NEC and the gut-brain axis - more than gut feelings! Prof. Boris W. Kramer MD, PhD <i>Professor of Experimental Perinatology. Maastricht University Medical Center. Director of Pediatric Research</i>
1515 -1545	Tea/Coffee break
1545 -1805	Comparison of different laboratory models of NEC
1545 -1605	Piglet model for spontaneous NEC mechanisms and clinically-relevant interventions Prof. Per Sangild PhD, DMSc, DVSc <i>Comparative Pediatrics and Nutrition, IKVH, Faculty of Health and Medical Sciences/Copenhagen University Hospital (Rigshospitalet), University of Copenhagen, Denmark,</i>
1605 -1625	The trifecta for a severe mouse model of NEC: Formula feeds, hypoxia and NECterria Dr. Misty Good MD
1625 -1645	The Paneth cell disruption model of NEC: A new pathway to study NEC Dr. Steven J McElroy MD <i>Associate Professor, Division of Neonatology. Stead Family Department of Pediatrics, University of Iowa</i>
1645 -1705	Mouse model of human NEC with shared insights from non human primates Prof. David J. Hackam MD, PhD, FACS
1705 -1735	Novel methods of stem cell therapy and probiotic administration for NEC Rat model - Hypoxia/hypothermia/hypertonic feeds Prof. Gail E. Besner MD <i>H. William Clatworthy Professor of Pediatric Surgery Chief, Department of Pediatric Surgery Principal Investigator, Center for Perinatal Research, Nationwide Children's Hospital</i>
1735 -1805	Panel discussion on laboratory models of NEC Kate Costeloe Chair, Prof. Per Sangild, Dr. Misty Good, Dr. Steven J McElroy, Prof. David J. Hackam, Prof. Gail E. Besner
1805 -1810	Closing remarks - Prof. Minesh Khashu
1915	Wine Reception/Dinner

Tuesday 27th September 2016

NEC: Clinical research and improvements in practice

0900 - 0930	Coffee & Registration
0930 - 0935	Welcome and plan for the day Prof. Minesh Khashu <i>Consultant in Neonatal Medicine, Poole Hospital NHS Foundation Trust</i>
	Session Chair: Prof. Minesh Khashu
0935 - 1015	The Morgan Leary Vaughan Fund: Our Family's Story of Survival, Courage and Strength S Vaughan MPS <i>Co-founder & President, The Morgan Leary Vaughan Fund, USA</i>
1015 - 1050	Optimal time, diet and progression of enteral feeds in preterm infants to avoid NEC and induce sufficient development Prof. Per Sangild PhD, DMSc, DVSc
1050 - 1120	Tea/Coffee break
1120 - 1155	New insights in human milk composition and benefits for preterm infants Ruurd Van Elburg <i>Chief Scientific Officer</i>
1155 - 1215	Using the voice, experience and insight of families to drive improvement Kate Branchett <i>Patient Voice and Insight Lead, West Midlands Strategic Clinical Networks & Clinical Senate, NHS England - West Midlands</i>
1215 - 1245	Panel discussion involving parents. How can neonatal teams best support families whose infants are at high risk of or develop NEC? Kate Branchett, Joanne Ferguson, Catherine Miles, Claire Storey
1245 - 1330	Lunch & Networking
Afternoon session - Session Chairs: Prof. David Hackam/Prof. Boris Kramer	
1330 - 1405	Dietetic management of Post Surgical NEC - A practical approach Kate Tavener <i>Specialist Neonatal/Critical Care Dietitian King's College Hospital</i>
1405 - 1440	Blood transfusion and intestinal perfusion in preterm infants Dr Narendra Aladangady PhD, FRCPCH <i>Consultant Neonatologist and Hon Reader in Child Health, Homerton University Hospital NHS Foundation Trust, London, U.K.</i>
1440 - 1510	Role of ultrasound in surgical decision making for NEC Prof. Nigel Hall MRCPCH, FRCS (Paed), PhD <i>Associate Professor of Paediatric Surgery, University of Southampton, Consultant Paediatric and Neonatal Surgeon, Southampton Children's Hospital</i>
1510 - 1540	Tea/Coffee break
1540 - 1555	Introduction to the NEST Trial (Necrotizing Enterocolitis Surgery Trial), USA Prof. Gail E. Besner MD
1555 - 1620	Evolution of the surgical treatment of NEC: from drainage equipoise to real life Prof. David J. Hackam MD, PhD, FACS
1620 - 1655	UK Neonatal Collaborative - NEC Study Dr. Cheryl Battersby <i>Clinical Research Fellow, Imperial College London</i>
1655 - 1710	Summary and close - Prof. Minesh Khashu

SIGNEC includes neonatologists, paediatricians, surgeons, dietitians, nurses, transfusion medicine specialists, epidemiologists, basic science researchers, trainees and other healthcare professionals with an interest in NEC and healthcare improvement.

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