

# Blast Injury Conference 2018 Programme

Time	Title	Speaker	Affiliation
09:30 - 10:00	Registration and Coffee		
10:00 - 10:15	Welcome and house keeping	Dr Spyros Masouros	Imperial College London
10:15 - 10:50	Legless on the Frontline: Amputation and After	Mr Stuart Hughes	BBC News
Session 1			Chair: Professor Anthony Bull
10:50 - 10:58	Paediatric Blast Injury Partnership	Dr Emily Mayhew	Imperial College London
10:58 - 11:07	Injury trends from 26 years of landmine action in LMICs with HALO	Dr Tom Hampton	HALO Trust
11:07 - 11:15	Introduction to a long-term cohort study of WWII brain injury	Dr Rod Bailey	University of Oxford
11:15 - 11:24	KCMHR Longitudinal Cohort Data of UK Armed Forces - Mental Health and mTBI	Dr Marie-Louise Sharp	King's College London
11:24 - 11:40	<b>Questions</b>		
11:40 - 12:00	Coffee Break		
Session 2			Chair: Professor (Col) Jon Clasper
12:00 - 12:08	Evaluating continuous positive airway pressure (CPAP) for primary blast lung injury using computer simulation	Dr Timothy Scott	Nottingham University
12:08 - 12:17	Characterisation of blast lung injury through mechanical measurement and volumetric imaging	Dr Hari Arora	Swansea University
12:17 - 12:25	Targeted delivery of a new therapeutic to prevent and treat heterotopic ossification	Mr Thomas Robinson	University of Birmingham
12:25 - 12:34	Strain rate and pressure-dependent loading of periosteum-derived mesenchymal stromal cells	Dr David Sory	Imperial College London
12:34 - 12:50	<b>Questions</b>		
12:50 - 13:50	Lunch Break		
Session 3			Chair: Dr Andrew Phillips
13:50 - 13:58	Dismounted pelvic blast injury	Mr Iain Rankin	Imperial College London
13:58 - 14:07	Secondary blast injury to the lower extremity	Dr Luz Nguyen	Imperial College London
14:07 - 14:24	Understanding the process of recovery for a combat lower limb amputee	Maj Peter LeFeuvre, Ms Kate Sherman & Mrs Phyllis Neal	Imperial College London & DMRC Stanford Hall
14:24 - 14:32	Direct skeletal fixation: battlefield to bionic man	Surg Lt Cdr RN Louise McMenemy	Imperial College London
14:32 - 14:41	The impact of socket fit of lower limb prostheses on rehabilitation	Mrs Shruti Turner	Imperial College London
14:41 - 14:49	Bone health in trans-femoral amputees	Mr Joshua Kaufmann	Imperial College London
14:49 - 14:57	Understanding low back pain in traumatic lower limb amputees	Mr Biranavan Sivapuratharasu	Imperial College London
14:57 - 15:20	<b>Questions</b>		
15:20 - 15:50	Coffee Break		
Session 4			Chair: Dr Mazdak Ghajari
15:50 - 15:58	An investigation of simulated open field blast-induced damage of the auditory cortex at the level of cells and neural circuits using in vivo rat model	Dr Michael Bruyns-Haylett	Imperial College London
15:58 - 16:06	Xenon as a novel neuroprotectant in blunt and blast traumatic brain injury	Dr Robert Dickinson	Imperial College London
16:06 - 16:14	Understanding the impact effects of Blast-related Traumatic Brain Injury through combination of high-field MRI, computational modelling and histology	Dr Cornelius Donat	Imperial College London
16:14 - 16:22	Classifying traumatic blast brain injury	Lt Emily Ashworth	Imperial College London
16:22 - 16:30	Investigation of CSF volumetric response and skull flexure effect on blast induced traumatic brain injury	Mr Xiancheng Yu	Imperial College London
16:30 - 16:50	<b>Questions</b>		
16:50 - 17:00	Closing Remarks		
17:00 -	Drinks Reception at Imperial College		