



30 November 2018

9:00am–5:00pm

Centre for Children's Health Research
62 Graham St, South Brisbane QLD 4101

SPEAKERS



Prof. Richard Lieber



A/Prof. Glenn Lichtwark



Prof. Ros Boyd



Dr Steven Obst



Prof. David Lloyd



Prof. Andy Cresswell



Prof. Ngaire Susan Stott



Dr Lee Barber



A/Prof. Jane Valentine



Dr Christopher Carty

Time	Topic
International Keynote Speaker: Chair, Professor Ros Boyd	
9:00-10:00	Musculoskeletal adaptations to CP: Implications for therapy, Prof. Richard Lieber , Northwestern University, Chicago
10:00-10:15	Q & A time with international keynote
10:15-10:45	MORNING TEA
Invited National Speakers: Chair, Professor Rick Lieber	
10:45-11:15	Assistive Wearable Devices for Rehabilitation for Children with Disability, Prof. David Lloyd , Griffith University
11:15-11:45	MRI of muscle in healthy children & children with CP, Prof. Ngaire Susan Stott , The University of Auckland
11:45-12:15	Impact of Botulinum toxin A on muscle in children with CP, A/Prof. Jane Valentine , The University of WA
12:15-12:30	Q & A time with national speakers
12:30-13:30	LUNCH AND STUDENT POSTERS
Invited CRE Speakers: Chair, Professor Sue Stott	
13:30-14:30	Clinically relevant skeletal muscle anatomy and physiology, Prof. Richard Lieber , Northwestern University, Chicago
14:30-15:00	Muscle Growth and Quality in Individuals with CP, Dr Lee Barber and Dr Steven Obst , Central Queensland University
15:00-15:30	Muscle mechanics during walking in CP, A/Prof. Glen Lichtwark , The University of Queensland
15:30-16:00	AFTERNOON TEA
Invited CRE Speakers: Chair, Associate Professor Jane Valentine	
16:00-16:30	Use and Misuse of EMG, Prof. Andy Cresswell , The University of Queensland
16:30-17:00	Personalised neuromusculoskeletal modelling for CP gait, Dr Christopher Carty , Griffith University
17:00-17:20	Q & A time with Theme Presenters
17:20-17:30	Closing remarks, Prof. Ros Boyd

PROGRAM
Hot Topics in Cerebral Palsy: Muscle Research Forum

Australasian Cerebral Palsy Clinical Trials Network Centre for Research Excellence