

Monday, July 29		
8:00 - 8:30	8:00-8:24 Coffee - Meeting Room B	
8:24 - 8:48	In vivo Animal Muscle Function Banquet Room	Invited 2 <i>Sabrina Lee: TBA</i>
8:48 - 9:00		Oral 3.1 <i>Marie Janneke Schwaner: Muscle dynamics of the vastus lateralis in jumping kangaroo rats (D. deserti)</i>
9:00 - 9:12		Oral 3.2 <i>Emily Abbott: Examining in situ changes to muscle spindle signals with increased muscle-tendon compliance</i>
9:12 - 9:24		Oral 3.3 <i>Benjamin Binder-Markey: Intramuscular Anatomy drives muscle collagen content variation, likely impacting passive muscle stiffness</i>
9:24 - 9:36		Oral 3.4 <i>Tobias Siebert: Uniaxial transverse loading decreases muscle force</i>
9:36 - 9:48		Oral 3.5 <i>David Lin: How do the contractile properties of individual muscles within a synergistic group combine?</i>
9:48 - 10:00		Oral 3.6 <i>Heiliane de Brito Fontana: Loss in agonistic muscle torque during simultaneous (submaximal) activation</i>
		Coffee Break - Meeting Room B
10:00 - 10:30		
10:30 - 11:30	Keynote Lecture 4 - Monica Daley, TBA	
11:30 - 11:42	In vivo Human Muscle Function Banquet Room	Oral 4.1 <i>Daniel Hahn: History dependence of in vivo muscle force production: the role of muscle-tendon unit compliance</i>
11:42 - 11:54		Oral 4.2 <i>Amy Adkins: Quantifying in vivo variability in sarcomere length along the length of the long head of the biceps brachii</i>
11:54 - 12:06		Oral 4.3 <i>Pavlos Evangelidis: Fatigue-induced changes in hamstrings shear modulus and load distribution depend on contraction type</i>
12:06 - 12:18		Oral 4.4 <i>Katherine Knaus: Reverse stroke of cardiac myosin is essential for heart function: lessons from skeletal myosin</i>
12:18 - 12:30		Oral 4.5 <i>Jan Smith: Summation properties are improved by a preceding contraction and intervening rest period</i>
12:30 - 12:42		Oral 4.6 <i>Kaat Desloovere: Macroscopic morphological muscle properties to feature spasticity phenotypes in children with cerebral palsy</i>
12:42 - 14:00	Lunch - Meeting Room B, some reserved seating/tables downstairs in main space or enjoy outdoors	
14:00 - 14:30	Keynote Lecture 5 - Yasuo Kawakami: Muscle-tendon-fascia system as a fibre-reinforced entity of actuators and springs: <i>in vivo</i> and <i>ex situ</i> evidence	
14:30 - 15:00		
15:00 - 15:30	15:00 - 16:30 Poster Session 2 (Human in vivo muscle function)	
15:30 - 16:00		
16:00 - 16:30	Meeting Room B	
16:30 - 17:00		
17:00 - 17:30	Outdoor Activity at Canmore Nordic Centre / Free Time	
17:30 - 18:00		
18:00 - 18:30		
18:30 - 19:00		
19:00 - 19:30	Social - Prefunction Room	
19:30 - 20:00	Banquet Dinner - Banquet Room	Shuttle
20:00 - 20:30	bus leaves at 21:00 return Canmore loop	
20:30 - 21:00		

Poster Session 2	Poster 2.1	<i>Emma Hodson-Tole: Ultrasound Derived in vivo Measures of Skeletal Muscle Vibration during Locomotion in Humans</i>
	Poster 2.2	<i>Liliam Oliveira: Shear modulus of the resting agonist/antagonist muscles</i>
	Poster 2.3	<i>Hoshizora Ichinose: Contractile and non-contractile tissues in the mid thigh of the elderly and younger athletes: Inter-individual differences and</i>
	Poster 2.4	<i>Neale Tillin: The influence of residual force depression on torque during shortening contractions without- relative to with- pre-load</i>
	Poster 2.5	<i>Brent Raiteri: Eccentric hamstring fascicle behavior occurs during the Nordic hamstring exercise</i>
	Poster 2.6	<i>Wolfgang Seiberl: Electrically versus voluntarily activated stretch-contractions: is there a true non-responder?</i>
	Poster 2.7	<i>Marco Vaz: Influence of NMES frequency and waveform on torque production, stimulation efficiency and discomfort in healthy subjects</i>
	Poster 2.8	<i>Carlos Cruz-Montecinos: Adaptations in intermuscular coordination of the triceps surae muscles in people with haemophilic arthropathy</i>
	Poster 2.9	<i>Amy Adkins: The paretic biceps brachii contains fewer sarcomeres in series than the contralateral biceps brachii following stroke</i>
	Poster 2.10	<i>Kaat Desloovere: Are pre-treatment assessments of muscle morphology related to the effects of treatment with Botulinum NeuroToxin-A and lower leg casting in children with cerebral palsy?</i>
	Poster 2.11	<i>Nathalie De Beukelaer: Relationship between spasticity phenotypes and muscle morphology is different in children with spastic cerebral palsy and children with hereditary spastic paraplegia</i>
	Poster 2.12	<i>Giovanni Martino: Simulating the pendulum test to understand mechanisms of Parkinsonian rigidity</i>
	Poster 2.13	<i>Fransiska Bossuyt: Supraspinatus tendon changes with repetitive wheelchair propulsion are associated with fatigue, sex, and body weight</i>