

BRS Liverpool 29 June – 1 July 2016

<p>Wednesday 29 June</p>	<p>Bone Research Society/University of Liverpool</p>
<p>13:00-15:00</p>	<p>New Investigator Session / Public Engagement Session for local schools</p> <p><i>Venue: School of Sport and Exercise Sciences, Liverpool John Moores University</i></p> <p>New Investigator Session (13:00-14:00) What is public engagement? Why and how do we do it? Speakers tbc</p> <p>Schools lectures (14:00-15:00) Funny Bones – a look at the structure and function of the skeleton Alistair Bond (Liverpool, UK): What is the skeleton for? Alison Gartland (Sheffield, UK): Bone cells and bone disease Jim Gallagher (Liverpool, UK): Discussion and quick quiz (with prizes!)</p>
<p>14:00 onwards</p>	<p>Accommodation check-in</p>
<p>15:15 onwards</p>	<p>Concurrent Pre-Meeting Workshops</p> <p>Workshop 1 (15:15-16:00 and 16:00-16:45) <i>Venue: Institute of Ageing and Chronic Disease, University of Liverpool</i> Imaging (microCT) Rob Van ‘t Hof (Liverpool, UK)</p> <p>Workshop 2 (15:15-16:45) <i>Venue: Liverpool Clinical Laboratories, Royal Liverpool University Hospital</i> Metabolomics of cartilage and bone Anna Milan / Andy Hughes / Andrew Davison (Liverpool, UK)</p> <p>Workshop 3 (15:15-16:15) <i>Venue: School of Sport and Exercise Sciences, Liverpool John Moores University</i> Clinical gait analysis Gabor Barton (Liverpool, UK)</p> <p>Also: Paget’s Association Information Day (13:00-16:30) In association with BRS Foresight Centre, University of Liverpool <u>Further details and booking</u> (click link)</p>
<p>16:15-17:30</p>	<p>Workshop 4 (follows on from Clinical Gait Analysis workshop) <i>Venue: School of Sport and Exercise Sciences, Liverpool John Moores University</i> Muscle and bone Alex Ireland (Manchester, UK) / Jonathan Jarvis (Liverpool, UK) / Kate Ward (Cambridge, UK)</p>
<p>18:00-22:00</p>	<p>Rare Bone Diseases Workshop (includes buffet supper – pre-booking required)</p> <p><i>Venue: Victoria Gallery and Museum, Liverpool</i></p> <p>Why study rare bone diseases? Matt Warman (Boston, USA)</p> <p>Therapy of alkaptonuria (black bone disease) Lakshminarayan Ranganath (Liverpool, UK)</p>

	<p>Paediatric hypophosphatasia Moira Cheung (London, UK)</p>
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Submitted abstracts

Thursday 30 June	Bone Research Society Annual Meeting <i>Talks in Lecture Theatre B, Central Teaching Hub (CTH) unless otherwise stated</i> <i>Catering breaks / posters / exhibition / registration in Mountford Hall</i>	
09:15	Registration and coffee / Poster hanging	
09:50	Welcome and Opening Remarks Professor Janet Beer, Vice Chancellor , University of Liverpool Jim Gallagher (Liverpool, UK)	
10:00	Symposium 1 Endocrinology of bone Identifying and tracking early cells of the osteoblast lineage in vivo Hank Kronenberg (Boston, USA) Discovery and clinical development of abaloparatide for the treatment of postmenopausal osteoporosis Gary Hattersley (Radius Health Inc, Waltham, USA)	
11:00	Poster Pitching 90 secs per presenter	
11:30	Coffee and Posters – odd numbers manned	
12:30	Lunch and AGM	
13:15	Oral Communications	
14:15	Oral Posters	
15:15	Coffee and Posters	
15:45	Symposium 2 Cartilage – bone interactions Mineralisation Melinda Duer (Cambridge, UK) Structure of the bone cartilage interface Alan Boyde (London, UK)	Clinical Cases <i>Lecture Theatre D, CTH</i>
16:45	Plenary lecture Cartilage and bone biomarkers in osteoarthritis Virginia Kraus (Durham, USA)	
17:15	Break	
17:30	Charles Dent Lecture <i>Venue: Victoria Gallery and Museum</i> Jim Triffitt (Oxford, UK)	
18:00	Debate: In the absence of osteoporosis ... “The drugs don’t work”	

	<i>Venue: Victoria Gallery and Museum</i> For the motion: Bill Fraser (Norwich, UK) Against the motion: Mike Stone (Cardiff, UK)
19:00	End
20:00	Dinner <i>(venue tbc)</i>

Friday 1 July	Bone Research Society Annual Meeting <i>Talks in Lecture Theatre B, Central Teaching Hub (tbc) unless otherwise stated</i> <i>Catering breaks / posters / exhibition / registration in Mountford Hall</i>
08:30	Symposium 3 Muscle – bone interactions Challenges of imaging muscle and bone – an evolutionary and biomechanical perspective Nathan Jeffery (Liverpool, UK) Bone muscle interactions and vitamin D Paul Lips (Amsterdam, Netherlands) Muscle stem cells (CIMA-sponsored lecture) Charlotte Peterson (Lexington, USA)
10:00	Poster Pitching 90 secs per presenter
10:30	Coffee and Posters – even numbers manned
12:00	Oral communications
12:40	Lunch
13:30	Symposium 4 Cancer and bone Translational studies Jules Westbrook (Sheffield, UK) Role of LOX in bone metastasis Alison Gartland (Sheffield, UK)
14:10	Plenary lecture Modeling the skeletal maladies in Neurofibromatosis type 1 Florent Elefteriou (Nashville, USA)
14:40	Oral Communications (including late breakers)
15:30	Tea
15:45	Plenary lecture Cell therapies and regenerative medicine - the dawn of a new age or more hype than hope? Anthony Hollander (Liverpool, UK)
16:15	Awards
16:30	Close
17.45	Public Engagement Lectures Musculoskeletal Health Eugene McCloskey (Sheffield, UK): Bone loss, osteoporosis and FRAX Jonathan Jarvis (Liverpool, UK): Exercise and muscle health Virginia Kraus (Durham, USA): Osteoarthritis and cartilage