

**Joint Conference between the
Bone Research Society (BRS) and British Orthopaedic Research Society (BORS)
School of Biosciences, Cardiff University
4-6 September 2019**

Draft Programme (01/02/2019)

Wednesday 4 September 2019			
1200	Registration desk opens, coffee available		
1300 - 1500	Statistics workshop	Mid-career workshop	
1500 – 1530	Refreshment break and exhibition		
1530 - 1650	Muscle, Tendon and Bone Workshop		
1530 - 1555	Speaker 1		
1555 – 1620	Speaker 2		
1620 - 1645	Abstract presentations or general discussions		
1700 - 1830	New Investigator Evening – Theme TBC		
1900 – 2200	Rare Bone Diseases Workshop and Supper (organisers Kassim Javaid, BRS; Ines Reichert BORS)	1900 - TBC	Biomechanics and Bioengineering Centre Workshop (organiser Debbie Mason)
1900-1910	Registration and networking		Chair: Ilse Jonkers and an ECR (TBC)
1910- 1915	Introduction and setting the scene for rare bone diseases research in the UK (KJ)		Invited ECR speakers from Cardiff Centre
1915 -2000	Brendan Lee: Rare disease mechanistic insights to therapy. (30+15)		1. Paul Biggs – engineer (HTO/TKR)
2000- 2020	Oral abstract x3 5m + end 5m discussion		2. Sophie Gilbert – biologist (cell/animal models of loading)
2020 – 2030	Short break		3. Alison Kinghorn – clinician (clinical perspectives – HTO)
2030- 2100	Fergal Monsell: Unanswered orthopaedic issues when treating broken brittle bones (20+10)		
2100- 2130	Meena Balasubramanian: Rare OI phenotypes: why detailed phenotyping matters (20+10)		
2130- 2200	Mark Wilkinson: The genetic epidemiology of acquired heterotopic ossification: Prospects for novel treatment strategies? (20+10)		
2200 Close			

Thursday 5 September 2019		
0830	Registration and coffee	
0900 - 0920	Welcome and opening remarks	
0920 – 1020	Symposium 1: – Osteoarthritis	
1020 – 1050	IS1 - Fiona Watt - Comorbidities and Osteoarthritis	
1050 – 1120	IS2 – Andrew McCaskie - Novel strategies in regenerative medicine for musculoskeletal disease	
1020 – 1100	Oral communications X 4 (selected from abstract submissions) – OA theme	
1020 – 1030		
1030 – 1140		
1040 - 1050		
1050 - 1100		
1100-1200	Coffee and poster viewing (odd numbered posters)	
1200-1230	IS3 - Plenary lecture - Brendan Lee – New therapeutic approaches to OA	
1230-1250	Poster Pitching X 11 (selected from abstract submissions)	
1250 - 1400	Lunch	
	BRS Annual General Meeting	BORS Annual General Meeting
1400 - 1445	Sponsored Symposium - TBC	
1445- 1545	OATech+ Symposium	
	1. Funding and activity update (Cathy Holt)	
	2. IS4 – Ilse Jonkers - Combining musculoskeletal models and models of biological behaviour to understand musculoskeletal pathology	
	3. IS5, IS6 – short talks from two theme leads	
1545– 1605	Coffee and poster viewing	
1605 – 1705	Symposium 2: - Epigenetic	Symposium 3: - Epidemiology and Health Services Research
	1605 – 1635, IS7 – Louise Reynard – What has DNA methylation analysis told us about OA? 1635 – 1705, IS8 – Matthias Hackl microRNA biomarkers: new diagnostic and prognostic tools for bone diseases	1605 – 1635, IS9 - Ola Rolfson - Patient reported outcome measures in musculoskeletal disease - How can they inform decision-making? 1635 – 1705, IS10 - Kate Ward – A global perspective on adolescent growth and healthy musculoskeletal ageing
1705 - 1715	Break	
1715 - 1745	BRS Charles Dent Lecture IS11	BORS Presidential Lecture IS12

1745 – 1830	Debate IS13, IS14	
1915 - 2300	Conference Dinner	
Friday 6 September 2019		
0830 – 0930	Symposium 4: Cancer and Bone	
0830 – 0900	IS15 – Penny Ottewell - Endogenous production of IL-1B by breast cancer cells drives metastasis and colonisation of the bone microenvironment	
0900 - 0930	IS16 – TBC	
0930 – 1000	Poster pitching X 15 selected from abstract submissions	
1000 – 1100	Coffee and poster viewing (even numbered posters)	
1100 – 1200	Clinical X 5 orals selected from abstracts (inc late breaking)	Basic/Translational X 6 orals selected from abstracts
1100 - 1110		
1110 – 1120		
1120 – 1130		
1130 – 1140		
1140 – 1150		
1150 – 1200		
1200 – 1230	Sponsored Lecture - TBC	
1230 - 1330	Lunch and poster viewing	
1330 – 1430	Symposium 5: Imaging IS17 – Ralph Muller - Synchrotron imaging for bone research IS18 – Richie Abel - Making Rainbows: Clinical Applications for Synchrotron Imaging (sponsored by ImagingBioPro Network)	Symposium 6: Clinical cases 1. 2. 3. 4.
1330 – 1400		
1400 – 1430		
1430 - 1440		
14 40 – 15 20	IS19 - Plenary Lecture – Bente Langdahl - Mechanistic insights from Combination therapies- opportunities for osteoporosis and fracture healing	
1520 - 1530	10 minute break	
1530 – 1630	Oral communications X 6 selected from abstract submissions	
1530 – 1540		
1540 – 1550		
1550 – 1600		
1600 – 1610		
1610 - 1620		
1620 - 1630		
1630 - 1645	Awards and closing remarks	