

## SBPR 2022

WARWICK CONFERENCE CENTRE, COVENTRY, UK

30<sup>TH</sup> JUNE and 1<sup>ST</sup> JULY 2022

“PANNING FOR GOLD”

**THURSDAY 30<sup>TH</sup> JUNE 2022**

08.15 – 09.00	REGISTRATION AND REFRESHMENTS	
09.00 – 09.15	INTRODUCTION	Elaine Buchanan Valerie Sparkes
SESSION 1:	GUEST LECTURE:	CHAIR Valerie Sparkes
09.15 – 10.00	“SCIATICA”: ONE DIAGNOSIS BUT MANY FACES?’	Professor Annina Schmid
SESSION 2:	OPEN PAPERS:	CHAIRS Naffis Anjarwalla Judith Meakin
10.00 – 11.15	Musculoskeletal Disorders Research Priorities Targeting Impact	Z Paskins, <u>Christine Le Maitre</u> , C Farmer, E Clark, DJ Mason, C Wilkinson, D Andersson, F Bishop, C Brown, A Clark, RK Jones, J Loughlin, M McCarron, H Pandit, SM Richardson, E Salt, EJ Taylor, L Troeberg, RK Wilcox, T Barlow, GM Peat, FE Watt, on behalf of the Musculoskeletal Disorders Research Advisory Group Versus Arthritis.

	<p>Injectable NPGEL Improves Regeneration in Degenerate Human Intervertebral Discs Ex Vivo</p> <p>The Updated Nice Guideline for Chronic Primary Pain: GP Perspectives on The Implications for Clinical Practice</p> <p>Prognostic Factors Associated with Outcome Following an Epidural Steroid Injection for Disc-Related Sciatica: A Systematic Review</p> <p>Injectable Biomaterials to Maintain Notochordal Cell Phenotype as Potential Therapy for Intervertebral Disc Degeneration</p>	<p>H Cherif, Li Li, J Snuggs, C Sammon, L Beckman, L Haglund, <b>Christine Le Maitre</b></p> <p><b>Hollie Birkinshaw</b>, Carolyn A. Chew-Graham, Noreen Shivji, Adam W.A Geraghty, Helen Johnson, Michael Moore, Paul Little, Beth Stuart, T Pincus</p> <p>A Nagington, NE Foster, K Snell, K Konstantinou, <b>Siobhán Stynes</b></p> <p><b>Rebecca Williams</b>, J. Snuggs, T. C. Schmitz, R. Janani, S. Basatvat, C. Sammon, K. Benz, K. Ito, M. Tryfonidou, C. Le Maitre</p>
<b>11.15 – 11.45</b>	<b>REFRESHMENTS, EXHIBITORS AND POSTER VIEWING</b>	
<b>SESSION 3:</b>	<b>SPECIAL POSTER SESSION</b>	<b>CHAIRS</b> Steve Vogel Jerry Draper-Rodi
<b>11.45 – 12.45</b>	<p>Improvements In European Myelopathy Scores (Ems) Following Anterior Cervical Surgery for Degenerative Cervical Spondylitic Myelopathy (DCSM): A Prospective Study</p> <p>Predicting Chronic Pain and Disability Following Musculoskeletal Trauma: Results from A Prospective Observational Study in The United Kingdom</p> <p>A Systemic Review of Cluneal Nerve Decompression</p> <p>The Use of Same Day MRI Scans in Suspected Cauda Equina Pathology in A Secondary Care Hospital: An Audit of Practice</p> <p>Comparing Three Nucleotomy Techniques: A High-Resolution MRI Study</p> <p>Managing Risk in Degenerative Cervical Myelopathy: A Service Review in Response to Covid-19 Delays</p>	<p><b>Poorna Prakash Veerappa (NI)</b>, K Wellington, J Billington, C Kelsall, M Madi, AM Berg, M Khatri, RH Austin, ADL Baker, JT Bourne</p> <p><b>David W Evans</b>, AB Rushton, J Bishop, N Middlebrook, M Barbero, J Patel, D Falla</p> <p><b>Elie Najem Najjar</b>, FA Karouni, BM Boszczyk, NA Quraishi</p> <p><b>Lianne Wood</b>, Y Arlachov, E Dunstan</p> <p><b>Tamanna Rahman</b>, N Baxan, RT Murray, S Tavana, TP Schaar, N Smith, J Bull, N Newell</p> <p><b>Eleanor Dunstan</b>, M Dixon, L Wood</p>

	<p>Prevalence of Red Flag Pathology Identified by Advanced Spinal Practitioners on A Same Day Emergency Care Pathway</p> <p>To Explore Coping Responses in Patients with Low Back Pain and Physiotherapists` Perceptions on Patients` Coping Responses with Respect to Self-Management Strategies in Kuwait</p> <p>The Theoretical Foundations of Back Pain Advice and Education Interventions</p> <p>Exploring Lumbo-Pelvic Functional Behaviour Patterns During Motion Tests: A Biomechanical Approach</p>	<p><b>Eleanor Dunstan</b>, L Wood</p> <p>M Mandani C Reagon R Hemming <b>Valerie Sparkes</b></p> <p><b>Richard Webber</b>, M Reddington, S Arris, S Mawson</p> <p><b>Mathieu Ménard</b>, M Couvertier, L Awai, JE Esteves, B Bideau, P Vaucher</p>
12.45 – 13.15	<b>POSTER VIEWING - with poster presenters available for questions</b>	
13.15 – 14.15	<b>LUNCH, EXHIBITORS AND POSTER VIEWING</b>	
<b>SESSION 4:</b>	<b>OPEN PAPERS:</b>	<b>CHAIRS</b> <b>Valerie Sparkes</b> <b>Janet Deane</b>
14.15 – 15.45	<p>The Clinical and Cost-Effectiveness of a Physiotherapy Delivered Physical and Psychological Group Intervention for Older Adults with Neurogenic Claudication: The Boost Randomised Controlled Trial</p> <p>Identifying Genetic Variants in Disc Degeneration Using Joint Analysis of Disc Degeneration MRI Phenotypes</p> <p>Gram Positive Bacteria Are Internalized by Disc Cells: What Is Their Influence?</p> <p>Supporting People with Pain-Related Distress in Primary Care Consultations: A Qualitative Study</p> <p>Understanding The Regeneration Properties of Notochordal Cells as Cell-Based Treatment for Low Back Pain</p> <p>Sensory Profiles as Predictors of Nociceptive Pain Symptoms in low back Pain: A Prospective Cohort Study</p>	<p><b>Esther Williamson</b>, G Boniface, IR Marian, SJ Dutton, M Marenda, S Petrou, A Garrett, A Morris, Z Hansen, L Ward, P Nicolson, K Barker, J Fairbank, J Fitch, D Rogers, C Comer, D French, C Mallen, SE Lamb</p> <p><b>Roger Compte (NI)</b>, M Freidin, FMK Williams</p> <p><b>Andrea Nüesch (NI)</b><sup>a</sup>, L Alexopoulos, E Kanelis, F Williams, L Geris, B Gantenbein, M Lacey<sup>a</sup>, C Le Maitre<sup>a</sup></p> <p>NA Shivji, AWA Geraghty, <b>Hollie Birkinshaw</b>, T Pincus, H Johnson, P Little, M Moore, B Stuart, CA Chew-Graham</p> <p><b>Shaghayegh Basatvat</b><sup>1</sup>, T. Braun, J. Snuggs<sup>1</sup>, R. Williams<sup>1</sup>, M. Templin, M. Tryfonidou and C. Le Maitre<sup>1</sup></p> <p><b>Pieter Jan Gräper</b>, J Hartvigsen, A Scafoglieri, J Clark, E van Trijffel, JM Hallegraeff</p>

15.45 – 16.15	REFRESHMENTS, EXHIBITORS AND POSTER VIEWING	
SESSION 5:	GOLDEN NUGGETS:	CHAIR Elaine Buchanan
16.15 – 17.15	Presentations/Slides/Memories from our Honorary Members	In person: Michael Adams, Jill Urban, Jeremy Fairbank, Alistair Stirling, Robert Mulholland
17.15 – 18.15	SBPR AGM	
19.45 - Midnight	PRE-DINNER DRINKS / CONFERENCE DINNER	

**FRIDAY 1<sup>ST</sup> JULY 2022**

08.45 – 09.00	REGISTRATION	
SESSION 6:	THE 2019 DISCS HENRY V CROCK LECTURE	CHAIR Christine Le Maitre
09.00 – 09.45	WHAT CONTRIBUTION HAS THE STUDY OF OMICS MADE TO UNDERSTANDING BACK PAIN?	Professor Frances Williams
SESSION 7:	OPEN PAPERS:	CHAIRS Alex Breen Rebecca Hemming
09.45 – 11.15	<p>Cognitive Functional Therapy for People with Persistent Low Back Pain in The United Kingdom National Health Service: A Feasibility Randomised Controlled Trial</p> <p>Predictors Of Outcome Following an Epidural Steroid Injection for Disc-Related Sciatica: A Consensus Study</p> <p>Improving Spinal Fusion with Injectable Hydrogels</p> <p>The Effect of Psychosocial Stress on Pressure Pain Threshold in Individuals with And Without Chronic Low Back Pain: A Preliminary Study</p>	<p><b>Christopher Newton</b>, G Singh, S O'Neill, C Diver, V Booth, P Logan, K O'Sullivan, P O'Sullivan</p> <p><b>Siobhán Stynes</b>, NE Foster, J O'Dowd, R Ostelo, K Konstantinou</p> <p>DS Owen, JW. Snuggs, Antony LR Michael, A Cole, N Chiverton, L Breakwell, C Sammon, <b>Christine L. Le Maitre</b></p> <p><b>Janhavi S Bhide (NI)</b>, RL Hemming, JL Davies</p>

	<p>A Novel Technique For In Vivo Strain Measurements in Human Lumbar Intervertebral Discs</p> <p>Supporting Self-Management of Low Back Pain with An Internet Intervention in Primary Care: Preliminary Findings from The SupportBack 2 Randomised Controlled Trial</p>	<p><b>Saman Tavana</b>, J Leong, BA Freedman, N Newell</p> <p><b>Adam WA Geraghty</b>, LC Roberts, JC Hill, NE Foster, B Stuart, L Yardley, EM Hay, D Turner, G Griffiths, F Webley, L Durcan, A Morgan, S Hughes, S Bathers, S Butler-Walley, S Wathall, G Mansell, L Leigh, P Little</p>
11.15 – 11.45	<b>REFRESHMENTS, EXHIBITORS AND POSTER VIEWING</b>	
SESSION 8:	<b>TRAVEL FELLOWSHIP AWARDS PRESENTATION</b>	
11.45 – 12.00	Identifying appropriate imaging phenotypes for future genome-wide association studies in degenerative disc disease	Terence McSweeney
	<b>GUEST LECTURE:</b>	
		<b>CHAIR</b> Steve Vogel
12.00 – 12.45	<b>NOVEL WORK USING PLACEBO SURGICAL APPROACHES TO BACK PAIN</b>	
SESSION 9:	<b>OPEN PAPERS:</b>	
		<b>CHAIRS</b> Karen Wellington Clare Ryan
12.45 – 13.45	<p>X-Ray Scattering Imaging of Intervertebral Discs Under Load</p> <p>Development, Pilot Implementation and Evaluation of An Advanced Practice in Adolescent Idiopathic Scoliosis</p> <p>The Barriers and Facilitators to The Implementation of Cognitive Functional Therapy in The National Health Service: The Perspectives of People with Low Back Pain and Physiotherapists</p> <p>Recommendations for The Development, Implementation, And Reporting Of (Sham) Control Interventions in Efficacy Trials of Physical, Psychological, And Self-Management Therapies - The CoPPS Statement</p>	<p>J Bell, D Owen, K Meek, N Terrill, J Sanchez-Weatherby, <b>Christine Le Maitre</b></p> <p><b>Ellen Hobbs (NI)</b>, L Wood</p> <p><b>Christopher Newton</b>, G Singh, S O'Neill, C Diver, V Booth, P Logan, K O'Sullivan, P O'Sullivan</p> <p><b>David Hohenschurz-Schmidt (NI)</b>, L Vase, W Scott, M Annoni, J Barth, K Bennell <i>et al</i></p>
13.45 – 14.45	<b>LUNCH, EXHIBITORS AND POSTER VIEWING</b>	

SESSION 10:	DEBATE:	CHAIR Alistair Stirling
14.45 – 15.45	<p style="text-align: center;"><b><i>Motion for:</i></b></p> <p style="text-align: center;">‘This house believes that the Society for Back Pain Research is a valuable forum because it has had a positive influence on back pain outcomes over the last 50 years.’</p> <p style="text-align: center;"><b><i>Motion against:</i></b></p> <p style="text-align: center;">‘This house believes that the Society for Back Pain Research is redundant as back pain research has not improved back pain outcomes over the last 50 years’</p>	<p style="text-align: center;"><b>Lisa Roberts and Steve Vogel</b></p> <p style="text-align: center;"><b>John O’Dowd and Tamar Pincus</b></p>
15.45 – 16.00	<b>PRESENTATION OF AWARDS AND CLOSE</b>	

## POSTERS

A Review of The Lancashire & South Cumbria Cauda Equina Pathway	<p><b><u>Mona Theodoraki</u></b>, M Khatri, J Carroll, J Billington</p>
An Assessment of The Relationship Between Handgrip Strength and Back Muscle Function	<p><b><u>Salman MS Alharthi</u></b>, JR Meakin, J Fulford</p>
Views And Opinions of Physiotherapists on The Use of Immersive Virtual Reality Intervention for Chronic Low Back Pain	<p><b><u>Anfal A Astek</u></b>, V Sparkes, L Sheeran</p>
Cauda Equina Screening in Physiotherapy: Are We Asking the Right Questions and Are We Asking the Questions Right? An Exploration into The Knowledge and Feelings of Physiotherapists Working in A Large Community Musculoskeletal Service	<p><b><u>Damien M Kimber</u></b>, TMC Pigott</p>
Oscar (Osteopathic Single Case Research) – Assessing the Effects of Standard and Biopsychosocially-Informed Osteopathic Management for Patients with Non-Specific Low Back Pain: Protocol for A Single Case Experimental Design (SCED)	<p><b><u>Jerry Draper-Rodi</u></b>, H Abbey, K Brownhill, S Vogel</p>
Self-Management Support for People with Non-Specific Low Back Pain: A Qualitative Survey Among Physiotherapists and Exercise Therapists	<p><b><u>Nathan Hutting</u></b>, W. Oswald, JB Staal, YF Heerkens</p>
What Influences Graduate Medical Students’ Beliefs of Lower Back Pain? A Cross Sectional Study	<p><b><u>John GK Inman</u></b>, D.R Ellard</p>
A Pilot Study to Assess Improved Recall of Risks and Benefits for Spinal Surgery Following Digital Recording of Patient’s Consultation	<p><b><u>Helen Trickett</u></b>, JM Billington, K Wellington, M Khatri</p>

Peer And Patient Satisfaction with A Physiotherapist-Led Spinal Same-Day Emergency Care Unit

**Lianne Wood**, E Dunstan

A Service Evaluation of Advanced Spinal Practitioner Multi-Disciplinary Discussions Before, During and After the Covid-19 Pandemic

**Matthew Dixon**, E Dunstan,  
K Wiltshire, L Wood

A Pre-Pilot Study to Assess the Safety and Suitability of A 12-Week Functional Rehabilitation Programme for Seniors Called Free From Pain

**Jacqueline Howard**, S Rhodes, J Sims,  
G Ampat

An Audit to Evaluate Patient Opinions of The Bandaide Booklet for The Management of Back and Neck Pain

**Shantanu Kundu**, J Sims, S Rhodes,  
G Ampat

Awareness And Perception Amongst Indian Physiotherapists of Psychosocial Risk Factors and Their Influence When Treating Patients with Chronic Low Back Pain: A Qualitative Study

SR Lagoo, **Valerie Sparkes**

Student Physiotherapy Clinical Placement Expansion into Clinics at Osteopathic Higher Education Institutions (OHEIs) – A Project Evaluation

D Carnes, **Carol Fawkes**

Are Student Led Physiotherapy Clinics a Feasible Service Delivery Method For Supported Self-Management Interventions In Low Back Pain Populations?

**Bethan Heberd**, C Rooke, K Burton