Healthcare Technology SCIENTIFIC CONFERENCE





GALERI AZMAN HASHIM, UNIVERSITI MALAYSIA SABAH (UMS)



RM30 per participant!



Co-organized by:





UNIVERSITI MALAYSIA SABAH



UNIVERSIT MALAYA

Healthcare Technology SCIENTIFIC CONFERENCE

Neuroimmune Interactions in Osteoarthritis Pain

Machine Learning Techniques in Disease Diagnosis

Role of Biological Products in Disease Treatment

Monocyte Migration in Response to Inflammatory Signals

Influence of Inflammatory Cytokines on Mesenchymal Stromal Cell Behaviour

The role of stem cells in tendon repair and regeneration

The Innovation of Regenerative Medicine in Musculoskeletal Disorders







Healthcare Technology SCIENTIFIC CONFERENCE UMS-UM



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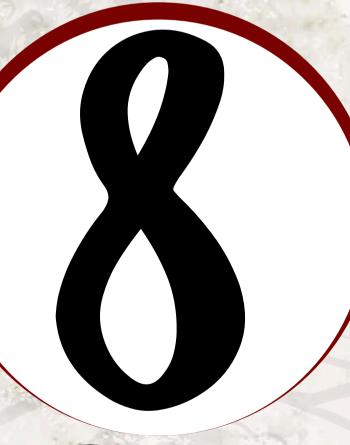
Co-organized by:







Healthcare Technology ENTERENCE



Points will be awarded





COURSE	UMS-UM Healthcare Technology Scientific Conference 19 th December 2024 Galeri Azman Hashim, Universiti Malaysia Sabah	
DATES		
VENUE		
SPEAKERS AND FACILITATORS		
SCHEDULE	TOPICS	SPEAKERS/ FACILITATORS
0800 - 0900	REGISTRATION	
0900 - 0910	Opening speech	Assoc. Prof Dr. Shahril Bin Yusof
0910 - 0935	Keynote lecture Topic: Advances in regenerative medicine relating to musculoskeletal Sciences	Prof. Dr Tunku Kamarul Zaman Tunku Zainol Abidin
0935 - 0950	Plenary 1 Topic: AI in radiology: a technology that assists technology	Dr Mohamad Shahrunizam Awang Setia
0950 - 1000	Break session	
1000 -1010	Pitching Session 1 Topic: Breaking Barriers in Osteoarthritis Diagnosis: The Power of Machine Learning and Molecular Structure	Dr. Atiqah Ab Aziz
1010 -1020	Pitching Session 2 Topic: The Study of the Effects of Hypoxia-Mimicking Agent Roxadustatin Inhibiting Apoptosis in Human Chondrocytes Derived from Osteoarthritic Cartilage	Peggy Kong
1020- 1030	Pitching Session 3 Topic: Phenotypic and Molecular Characterization of Monocyte Differentiated Macrophage Treated with Mesenchymal Stromal Cells Derived Secretome	Tarini Veerappan
1030 -1040	Pitching Session 4 Topic: The Effects of Hypoxia-Inducible Factor 1-Alpha and Cyclic Uniaxial Stretching on Tenogenic Differentiation Potential of Human Adipose-Derived Mesenchymal Stromal Cells	Amirah Mahfuzah Zulkifli
1040 - 1055	Q & A Session (Pitching session 1-4)	

1055-1100	Break Session	
1100-1115	Lecture Series 1 Topic: Interplay between cartilage and subchondral bone in osteoarthritis	Dr. Chong Pan Pan
1115-1130	Lecture Series 2 Topic: Advancement in Arthroplasty: Trends and development in hip and knee Arthroplasty technology	Dr.Elsonmond Vick Bin Duin
1130-1145	Lecture Series 3 Topic: Harnessing Stem Cells for Advanced Tendon Tissue Engineering	Dr Tan Sik Loo
1145-1200	Lectures Series 4 Topic: Advancement Review in Orthopedic Sports Surgery	Dr Syed Nashraf Shah Bin Said Mohutham
1200-1215	Q & A (Lectures series 1-4)	
1215-1400	Lunch Break	
1400-1410	Pitching Session 5 Topic: Effects of Uniaxial Cyclic Strain and Adiponectin on Tenogenic Differentiation of Mesenchymal Stromal Cells in The Presence of Interleukin-1 Beta or Tumor Necrosis Factor Alpha	Shaliny Hari Rama Krishnan
1410-1425	Pitching Session 6 Topic: Monocytes migration in response to aseptic loosened-periprosthetic tissue inflammatory mediators in xenograft transplanted NOD-SCID mice model	Nur Ashiqen Mohd Noh
1425-1435	Pitching Session 7 Topic: The anti-inflammatory effects of platelet-derived extracellular vesicles on interleukin 1 beta induced osteoarthritic chondrocytes	Nur Hidayah Hassan
1435-1450	Q & A Session (Pitching session 5-7)	
1450-1500	Break Session	
1500-1515	Lecture Series 5 Topic: The Role of the Nervous and Immune Systems in Osteoarthritis Pain; Mechanisms and Therapeutic Approaches	Dr. Krisnamurithy Genasan
1515-1530	Q & A Session (Lecture series 5)	
1530	End of conference	