

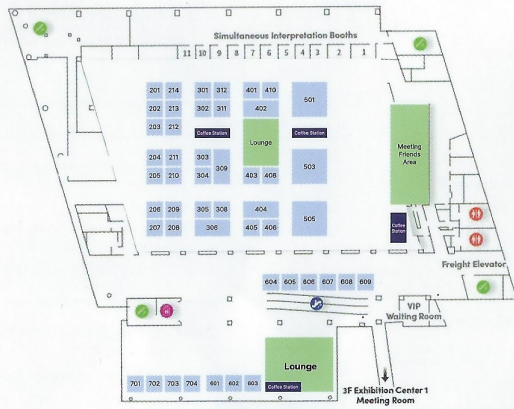


Venue Floor Plan



1F

2F



3F



BEXCO Convention Hall

#55 APEC-ro, Haeundae-gu, Busan, Korea

22nd

**HUMAN PROTEOME ORGANIZATION
WORLD CONGRESS**



TOGETHER THROUGH PROTEOMICS

**HUPO
BUSAN
2023**

**SEPTEMBER 17-21
2023
BEXCO, BUSAN
KOREA**





**HUPO
BUSAN
2023** SEP
17-21

HUPO 2023 PROGRAM AT A GLANCE

#HUPO2023

@hupo_org
 @humanproteomeorg
 #HUPO
 @human Proteome Organization

Registration Desk Open Sep.17 | 07:30 - 20:00
 Sep.18-20 | 07:45 - 17:00
Exhibition Hall Open Sep.17 | 19:30 - 21:00
 Sep.18-20 | 10:00 - 16:30
Bioinformatics Hub Open Sep.18-20 | 08:00 - 18:00
 (Room #208)

Sunday, September 17, 2023

8:00-10:00	PS: The Non-canonical Proteome - A Novel Class of Clinically Targetable T Cell Antigens	#205
9:00-12:00	PCT: Computational Proteomics/Bioinformatics	#201-202
	PCT: Protein Interactions/Spatial Proteomics	#203-204
9:00-15:30	C-HPP Workshop on Next Steps for the C-HPP and neXtProt	#Premier Hotel (Chelsea and Liverpool Rooms)
10:15-12:15	PS: Advancing Biomedical Research and Healthcare: Proteomics and Multi-Omics Integration for Precision Medicine	#205
	PS: The π-HuB Project: The Proteomic Navigator of the Human Body	Plenary Hall
12:30-15:30	PCT: Single Cell Proteomics	#201-202
	PCT: Proteomics 101	#203-204
13:15-15:15	PS: Implementing Proteomics for Clinical Translation - Implementation and Future Promise	Plenary Hall
	PS: Science, Ethics, and Equity: Considering all Aspects of the Human Proteome	#205
15:30-17:30	HUPO Council Meeting (By Invite Only)	#211
16:00-17:00	Mentoring Session 1- AI Tools in Grant Writing Applications, Research Articles, CVs (Academic, Journal Editor)	#201-202
	AOHUPO Networking Session	#213
17:45-19:30	Opening Plenary: Jeremy Nicholson, Australia Metabolic Systems Medicine and Phenomic Approaches to Understand the Natural History of COVID-19 and Long COVID	Plenary Hall
19:30-21:00	Welcome Networking Reception	Exhibit Hall

Monday, September 18, 2023

8:00-9:00	Standardization is Key - Proteomics for Everyone Seminar Supported by Evosep	#205
	New Generation of PEAKS: Deep Learning Enabled Software Solutions for Immunopeptidomics, Glycoproteomics, and Post-translational Modifications Seminar Supported by Bioinformatics Solution	#201-202
	Confidence from Discovery to Clinical Research: Harnessing the Versatility of the ZenofTOF 7600 Seminar Supported by SCIEX	#203-204
09:15-10:00	Plenary Session: Yu-Ju Chen, Taiwan Evolution of Micro-to-nano Proteomics toward Precision Oncology	Plenary Hall
09:15-10:00	Bioinformatics Hub: M1 - Expanding the Community Around Machine Learning in Proteomics	#208
	Precision Medicine	Plenary Hall
10:15-11:45	Multi-omics	#205
	Interactomes/Protein Networks	#201-202
	Proteomics of Brain Disease	#203-204
11:45-13:00	PP01: Odd Numbered Posters - Poster Viewing with Presenters in Attendance and Coffee Break	Exhibit Hall
	Bioinformatics Hub: M2 - Machine Learning Applications to Immunopeptidomics Analysis	#208
13:15-14:15	Complementing Mass Spectrometry with Immunoaffinity Techniques Seminar Supported by Olink	#205
	Seminar Supported by Bruker	#201-202
14:30-15:35	Deep Exploration into Proteome Universe Combining Proteograph XT Workflow with Orbitrap Astral MS Seminar Supported by ThermoFisher Scientific	#203-204
	New Technologies for Large Scale Proteomics	Plenary Hall
14:30-15:35	Immunity and Immunopeptidomics	#205
	3 Min. Thesis Competition	#201-202
	Extracellular Vesicles	#203-204
15:35-16:30	Bioinformatics Hub: M3 - Approaches for Identifying Noncanonical ORFs	#208
	PP01: Even Numbered Posters - Poster Viewing with Presenters in Attendance and Coffee Break	Exhibit Hall
16:30-17:35	Bioinformatics Hub: M4 - Human Proteome Project Metrics and Knowledge Base	#208
	Pharmaco/Chemical Proteomics	Plenary Hall
16:30-17:35	Infectious Diseases	#205
	Proteomics and Biology	#201-202
17:45-18:30	Metabolism and Regulation	#203-204
	Bioinformatics Hub: M5 - ProteomeXchange Data Repositories	#208
17:45-18:30	Plenary Session: Manuscript Competition	Plenary Hall
	HUPO President's Reception (By Invite Only)	#211-213
18:45-20:00		
19:30-21:30	ECR Networking Night	Museum 1

Tuesday, September 19, 2023

8:00-9:00	Protein Analysis - Fast, Easy, Robust Sample Preparation Workflows for Every Protein Type. Every Matrix. Every User. Seminar Supported by Interface/Covaris	#205
	Seminar Supported by Bruker	#201-202
09:15-10:00	Evolution of Mass Spec Technologies Enables Next Generation Therapeutics Seminar Supported by SCIEX	#203-204
	Plenary Session: Matthias Mann, Germany Technological Advances in MS-based Proteomics Applied to Single Cell Type Analysis in Cancer Tissues	Plenary Hall
10:15-11:45	Technological Advancements	Plenary Hall
	Clinical Proteomics/Biomarkers	#205
11:45-13:00	Cell Biology	#201-202
	Spatial and Imaging Proteomics	#203-204
12:00-14:00	Bioinformatics Hub: T1 - Approaches for Identifying Variant Peptides	#208
	PP03: Odd Numbered Posters - Poster Viewing with Presenters in Attendance and Coffee Break	Exhibition Hall
12:00-14:00	Bioinformatics Hub: T2 - Proteomics Standards Initiative	#208
	Moms in Proteomics	#206
13:15-14:15	New Insights into Analyzing Glycopeptides on Tribrid Mass Spectrometers Seminar Supported by ThermoFisher Scientific	Plenary Hall
	A New Era in Proteomics, Introducing Olink Explore HT Seminar Supported by Olink	#205
14:30-15:35	Seminar Supported by Bruker	#201-202
	Disease Risk Visualization by SomaScan® Assay Seminar Supported by Somalogic	#203-204
15:35-16:30	Glycoproteomics	Plenary Hall
	Standardization and Harmonization	#205
16:30-17:35	Mentoring Session 2: Promoting Your Science	#201-202
	Microbial Proteomics, Microbiome and Metaproteomics	#203-204
17:45-18:30	PP03: Even Numbered Posters - Poster Viewing with Presenters in Attendance and Coffee Break	Exhibit Hall
	Bioinformatics Hub: T4 - Next Generation MS Run Standard Format Development	#208
18:30-19:30	AI and MS Analysis	Plenary Hall
	Cardiovascular	#205
19:30-21:00	Food/Environmental Impact	#201-202
	Clinical Proteomics	#203-204
20:00-23:00	Plenary Session: Kathryn Lilley, UK The Orchestration of Subcellular Processes through RNA and Protein Interactions	Plenary Hall
	HUPO Gala Dinner	SIGNIEL Busan Grand Ballroom

Wednesday, September 20, 2023

09:00-10:15	Bioinformatics Hub: W1 - Large Pre-trained Models for Proteomics	#208
09:15-10:00	Plenary Session: Hee-Sup Shin, Korea Neural Mechanism Underlying Observational Fear, a Rodent Model of Affective Empathy	Plenary Hall
	Single Cell	Plenary Hall
10:15-11:45	Cancer Proteomics	#205
	PTMs	#201-202
11:45-13:00	Structural Proteomics	#203-204
	Bioinformatics Hub: W2 - Realtime Analysis of Mass Spectrometrybased Proteomics Data	#208
13:15-14:15	PP05: Poster Viewing with Presenters in Attendance and Coffee Break	Exhibit Hall
	Bioinformatics Hub: W3 - Experiment Annotation with SDRF	#208
14:30-15:35	Seminar Supported by Nautilus Biotechnology	#205
	AI and Bioinformatics	Plenary Hall
15:35-16:00	Epigenetic and Aging	#205
	Mentoring Session 3: Geographical Differences for Academic Job Applications	#201-202
16:00-16:30	COVID and Long COVID	#203-204
	PP05: Poster Viewing with Presenters in Attendance and Coffee Break	Exhibit Hall
16:30-18:30	Bioinformatics Hub: W5 - Meet the Bioinformatics Teams	#208
	HUPO General Assembly of Members (GAM)	Plenary Hall
	HUPO Award Ceremony & Closing Session	Plenary Hall

Thursday, September 21, 2023

HPP Day: Emerging Strategies to Address Protein Function

08:00-10:30	Session 1: Mission and Current Status	
10:30-10:45	Coffee Break	
10:45-12:30	Session 2: How Should We Get Organized to Contribute to the Grand Challenge?	#214-216
12:00-13:00	Lunch Break	
13:00-15:30	Session 3: Moving Forward - Strategies and Initiatives to Predict Protein Function(s)	

Ticket purchase Required
 Coffee break
 Refreshments Provided