BIOMOLECULAR HORIZONS2024: DISCOVER CREATE INNOVATE

22-26 SEPTEMBER 2024 Melbourne Convention and Exhibition Centre AUSTRALIA



26th Congress of the International Union of Biochemistry and Molecular Biology



17th Congress of the Federation of Asian & Oceanian Biochemists & Molecular Biologists ComBio 22nd ComBio 2024 MELBOURNE Conference

PROGRAM AT A GLANCE

W W W . B M H 2 O 2 4 . C O M

SUNDAY 22 September 2024

0900-1600Pre Congress Workshop - Career Development Forum - Room 203 & 2041300-1500Pre Congress Workshop - Publishing high quality Higher Education Pedagogical Research to enhance your professional visibility (off site)1400-1900Registration - Plenary Foyer1700-1830Grimwade Medal Public Lecture & ReceptionRoom:Plenary Hall 2Welcome to CountryGrimwade Opening Remarks and Presentation1830-1915Refreshments - Plenary Foyer



MONDAY 23 September 2024 – Education Day & Indigenous Perspectives in Biomolecular Science Day

0730-1900	Registration - Pl	enary Foye	er									
0900-0935	Congress Welco											
Room	Plenary Hall 2											
0935-1020	Plenary 1 - Artific	cial Intellige	ence									
Room	Plenary Hall 2											
Speaker	Sergey Ovchinnik	ov – Massad	chusetts	Institute of Techno	logy USA							
1020-1030	Session change	over										
1030-1120	Concurrent Sess	ion 1 - Keyı	notes									
Room	Plenary Hall 2 Room 210 Room 211 Room 212 Room 213 Room 219									9		
Stream	KS1 - Bioinformatics, Computational Biology & Omics KS2 - Molecular Basis of Disease				KS3 - Indigenous KS4 - Microbial World Perspectives in Genomics			KS5 - Education		KS6 - Biotechnology and Synthetic Biology		
1120-1150	Morning Tea, Pos	ster Viewin	ıg & Exh	ibition – Exhibitio	on Hall							
1150-1240	Concurrent sess	ion 2 - Key	notes									
Room	Plenary Hall 2	F	Room 21	0	Room 211	Ro	om 212	2	Room 213	Roc	om 219	9
Stream	KS7 - Biochemical KS8 - Mole Society Award Talk Physiology			KS9 - Indigenous Perspectives		KS10 - Structural Biology and Biophysics		KS11 - Education	Ger	KS12 - Genomics, Gene Regulation and Epigenetics		
1240-1400	Lunch, Lightning	Talks, Pos	ter View	ving & Exhibition	- Exhibition Hall							
1250-1320	Lightning Talks –T	heatrette										
1300-1400	Poster Presentatio	on Session										
1400-1520	Concurrent Sess	ion <u>3 - Syn</u>	nposia 8	& Keynote								
Room	Plenary Hall 2			Room 212	Room 213		Room 217	Room 218	Room 219		Room 220	
Stream	SYM1 - Cell Signalling and Metabolism	SYM2 - KS13 - Bioinformatics, Indigenous Computational Biology and 'Omics		SYM3 - Structural Biology and Biophysics	SYM4 - Genomics Gene Regulation Epigenetic	mics, Education		SYM6 - Cell, SYM7 Developmental Molec and Stem Cell Physic Biology		r	SYM8 - Biotechnology and Synthetic Biology	
Symposia title	Signalling of metabolic regulation	Proteomi	ics	Cancer and immunology	Membrane biophysics and protein structure	Transcript mechanis	ional	Education Award talks	Autophagy & cell death in organismal homeostasis	Molecular physiology of muscle		Synthetic antimicrobials
1520-1550	Afternoon Tea, Po	oster Viewi	ing & Ex	hibition – Exhibit	ion Hall				1			1
1550-1710	Concurrent sess											
Room	Plenary Hall 2	Room 210)	Room 211	Room 212	Room 213		Room 217	Room 218	Room 219		Room 220
Stream	SYM9 - Structural Biology and Biophysics	SYM10 - Bioinform Computa Biology a 'Omics	tional	SYM11 - Indigenous Perspectives	SYM12 - Molecular Basis of Disease	SYM13 - Microbial 1	World	SYM14 - Education	SYM15 - Genomics, Gene Regulation and Epigenetics	SYM16 - Molecular Physiology	,	SYM17 - Biotechnology and Synthetic Biology
Symposia title	Machine learning in protein structure prediction	Metabolo	omics	Ethics and applications of molecular biology in Indigenous contexts	Aging and cancer	Molecular microbiolo		Education Short Talks	Non-coding genome physiolog focus on r technique		ew	Nanomaterials for biomedicine and biotechnologies
1710-1720	Session change	over		·	·				·			·
1720-1805			spective	s in Biomolecula	r Science							
Room	Plenary Hall 2											
Speaker		alter & Eliza	Hall Inst	titute Australia								
	Misty Jenkins - Walter & Eliza Hall Institute Australia Closing remarks on Indigenous Perspectives in Biomolecular Science Day											
	Closing remarks	on maiger	ious rei	rspectives in Bior	nolecular Science	Day						

TUESDAY 24 September 2024 – RNA Technology Day

0730-0815	BioNTech Indust	rv Breakfast (adv	ance booking requ	ired) Room 217									
0730-1800	Registration - P		5 1										
0830-0915	Plenary 3 - RNA Technology												
Room	Plenary Hall 3												
Speaker	Norbert Pardi - University of Pennsylvania USA												
0915-1000		Future of RNA Tec											
Room	Plenary Hall 3												
Panel		Victoria's Lead Scie	entist, Australia, Cath	erine Mills, Monast	h Bioethics Instit	ute, Australia, Steve Ro	ckman, CSL/Seairis	Australia,					
	Claire Borg, Mod		,,	,		,	· · , · · · · · , · ·						
1000-1030	-		hibition – Exhibitio	n Hall									
1030-1135	-	ion 5 - Keynotes											
Room	Plenary Hall 3	Room	210	Room 211 Room 212			Room 213	Room 2	Room 219				
Stream	KS14 - RNA Tech	nology KS15 -	Molecular	KS16 - Cell Signa	lling KS17	- Structural Biology	KS18 - Genomics	, KS19 - (Cell,				
	Day	Physic	logy Short Talks	and Metabolism	and	Biophysics	Gene Regulation	and Develo	pmental and				
							Epigenetics	Stem C	ell Biology				
1135-1145	Session change	over											
1145-1250	Concurrent sess	ion 6 - Keynotes											
Room	Plenary Hall 3	Room	210	Room 211	Roo	m 212	Room 213	Room 2	:19				
Stream	KS20 - RNA Tech	nology KS21 -	Precision	KS22 - Cell,	KS2	3 - Molecular Basis	KS24 - Molecular	KS25 -	G.N.				
	Day	Medic	ine	Developmental		sease	Physiology	Ramac	handran Lecture				
				Stem Cell Biology									
1050 1400	Louis I. California	T-llas Dastaulis		Production Market and Market									
1250-1430			wing & Exhibition	- Exhibition Hall									
1300-1330	Lightning Talks –												
1315-1415		nical Workshops		D 011			D 010						
Room	Room 210 Room 211 Room 212												
1315-1415		otein structure pr	ediction	Workshop 2 - Sy	inchrotron scie	nce	Workshop 3 – Th	e future of publisł	ning				
1430-1550	Concurrent sessi		D	D 010	D 010	D 017							
Room	Plenary Hall 3	Room 210	Room 211	Room 212	Room 213	Room 217	Room 218	Room 219	Room 220				
Stream	SYM18 - RNA	SYM19 - Cell Signalling and	SYM20 - Molecular Basis	SYM21 - Structural	SYM22 -	SYM23 - ne Bioinformatics,	SYM24 - Microbial World	SYM25 - Biotechnology	SYM26 - Cell, Developmental				
	Technology Day	Metabolism	of Disease	Biology and	Genomics, Ge Regulation ar			and Synthetic	and Stem Cell				
		Metabolishi	U DISCUSC	Biophysics	Epigenetics	Biology and		Biology	Biology				
				Diophysics	Lpigenetios	'Omics		Diology	Diology				
Symposia	RNA biology	Metabolism	Vaccines	Structure-	Development		Intra dynamics	Engineered	Cell &				
title		in health and		guided drug	gene regulati	-	of microbes	living materials	developmental				
		disease		design	and enhance		and their host	g	biology in				
									disease				
1550-1620	Afternoon Tea, Po	ster Viewing & E	xhibition – Exhibiti	on Hall			·						
	Concurrent sessi												
Room	Plenary Hall 3	Room 210	Room 211	Room 212	Room 213	Room 217	Room 218	Room 219	Room 220				
Stream	SYM27 - RNA			SYM30 -			SYM33 - Cell	SYM34 -	SYM35 - Cell,				
	Technology Day			Structural			Signalling and	Microbial World	Developmental				
						d Physiology	Metabolism		and Stem Cell				
		Biology and		Biophysics Epigenetics					Biology				
		'Omics											
		Systems	Metabolic	Single molecule	Chromatin &	Cardiac	Kinase	One health:	Non-				
title	applications	biology	disease	biophysics	epigenetics	physiology	based signal	challenges and	mammalian				
	and challenges						transduction	solutions	models of				
									development				
	Session change												
1754-1840	Plenary 5 - Nobe	Awardee Specia											
Room	Plenary Room 3												
Cnookor	Richard Roberts - New England Biolab USA												
Speaker 1845	IUBMB General A												

WEDNESDAY 25 September 2024 – **Gene Editing Day**

	Registration - Plenary Foyer													
0830-0915	Plenary 6 - Gene Editing													
Room	Plenary Hall 3													
Speaker	Caixia Gao - Chinese Academy of Sciences China													
0915-0925	Session change	over										,		
0925-1030	Concurrent sess	ion 9 - Keynotes,	Symposiun	n and SI	Gs									
Room	Plenary Hall 3	Room 210		oom 211		Room 212	Room 212 Room 213				n 217	Ro	oom 219	
Stream	KS26 - Cell	KS27 -		KS28 - Gene Editing Day		SYM36 - Protein		KS29 -		ASBN	AB Special	KS	S30 - Chairs	
	Signalling and	Biotechnolo				homeostasis	and	Bioinform					election DNA	
	Metabolism	Synthetic B				metabolism i	in	Computa	tional				estriction and	
						human healt	h and	Biology a	nd 'Omi	s	G		ene Editing	
						disease								
030-1100	Morning Tea, Pos	ter Viewing & Ex	hibition – E	xhibitio	n Hall									
100-1210	Concurrent session 10 - Keynote & Symposia													
Room	Plenary Hall 3	Room 210			Room	oom 218 Room			Room 220					
Stream	KS31 - Gene			SYM40 -			SYM42	SYM42 - SY			SYM44 -			
	Editing Day	Bioinformatics ,	Microbia	l World	Developmental	Genomics,	Signa	lling and	Molecu	ular	Biotechnol	ogy	Molecular Bas	
		Computational			and Stem Cell	Gene	Metabolism		Physiology		and Synthe	etic	of Disease	
		Biology and			Biology	Regulation and					Biology			
		'Omics				Epigenetic								
Symposia	Gene Editing	Molecular	Environm	vironmental Stem c		Nuclear	Chem	Chemical V		ar	Self-assembly		Immunology	
title	Day	dynamics	namics microbio		organoids	organisation	biology in		biology		for synthetic		and disease	
	simulation of						metabolism				biology			
		biomolecules					and signalling							
1010 1000	lunch Lightning	Talka Destar Vi	uuina 0 Euk	ibition	Exhibition Holl									
1210-1330	Lunch, Lightning		wing &Exil		EXHIBILION Hall									
1220-1250	Lightning Talks - Theatrette Poster Presentations													
1230-1330		115												
1330-1450		on 11 Cumpooid												
Deem		ion 11 – Symposia	Deem 211		Deem 212	Deem 010	Deem	017	Deem	010	Deem 210		Deem 220	
	Plenary Hall 3	Room 210	Room 211		Room 212	Room 213	Room		Room		Room 219	.11	Room 220	
Room Stream	Plenary Hall 3 SYM45 - Gene	Room 210 SYM46 -	SYM47 -		SYM48 - Cell,	SYM49 - Gene	SYM5	0 -	SYM51	-	SYM52 - Ce		SYM53 -	
	Plenary Hall 3	Room 210 SYM46 - Molecular Basis	SYM47 -		SYM48 - Cell, Developmental	SYM49 - Gene	SYM5 Struc	0 - tural	SYM51 Biotec	- hnology	SYM52 - Ce Signalling	and	SYM53 - Molecular	
	Plenary Hall 3 SYM45 - Gene	Room 210 SYM46 -	SYM47 -		SYM48 - Cell, Developmental and Stem Cell	SYM49 - Gene	SYM5 Struc Biolog	0 - tural gy and	SYM51 Biotec and Sy	- hnology nthetic	SYM52 - Ce	and	SYM53 -	
Stream	Plenary Hall 3 SYM45 - Gene Editing Day	Room 210 SYM46 - Molecular Basis of Disease	SYM47 - Microbia	l World	SYM48 - Cell, Developmental and Stem Cell Biology	SYM49 - Gene Editing Day	SYM5 Struct Biolog Bioph	0 - tural gy and ysics	SYM51 Biotec and Sy Biolog	- hnology nthetic y	SYM52 - Ce Signalling Metabolisr	and	SYM53 - Molecular Physiology	
Stream Symposia	Plenary Hall 3 SYM45 - Gene Editing Day Biology of	Room 210 SYM46 - Molecular Basis of Disease Neurological	SYM47 - Microbia	l World obial	SYM48 - Cell, Developmental and Stem Cell Biology Imaging	SYM49 - Gene Editing Day CRISPR	SYM5 Struct Biolog Bioph Advar	0 - tural gy and ysics nces in	SYM51 Biotec and Sy Biolog	- hnology nthetic	SYM52 - Ce Signalling Metabolism Protein	and n	SYM53 - Molecular Physiology Developmenta	
Stream	Plenary Hall 3 SYM45 - Gene Editing Day	Room 210 SYM46 - Molecular Basis of Disease	SYM47 - Microbia	l World obial	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and	SYM49 - Gene Editing Day CRISPR engineering	SYM5 Struct Biolog Bioph Advar	0 - tural gy and ysics	SYM51 Biotec and Sy Biolog	- hnology nthetic y	SYM52 - Ce Signalling Metabolisr	and n	SYM53 - Molecular Physiology Developmenta physiology:	
Stream Symposia	Plenary Hall 3 SYM45 - Gene Editing Day Biology of	Room 210 SYM46 - Molecular Basis of Disease Neurological	SYM47 - Microbia	l World obial	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental	SYM49 - Gene Editing Day CRISPR engineering	SYM5 Struct Biolog Bioph Advar	0 - tural gy and ysics nces in	SYM51 Biotec and Sy Biolog	- hnology nthetic y	SYM52 - Ce Signalling Metabolism Protein	and n	SYM53 - Molecular Physiology Developmenta physiology: Heating it up	
Stream Symposia	Plenary Hall 3 SYM45 - Gene Editing Day Biology of	Room 210 SYM46 - Molecular Basis of Disease Neurological	SYM47 - Microbia	l World obial	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and	SYM49 - Gene Editing Day CRISPR engineering	SYM5 Struct Biolog Bioph Advar	0 - tural gy and ysics nces in	SYM51 Biotec and Sy Biolog	- hnology nthetic y	SYM52 - Ce Signalling Metabolism Protein	and n	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advance	
Stream Symposia	Plenary Hall 3 SYM45 - Gene Editing Day Biology of	Room 210 SYM46 - Molecular Basis of Disease Neurological	SYM47 - Microbia	l World obial	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental	SYM49 - Gene Editing Day CRISPR engineering	SYM5 Struct Biolog Bioph Advar	0 - tural gy and ysics nces in	SYM51 Biotec and Sy Biolog	- hnology nthetic y	SYM52 - Ce Signalling Metabolism Protein	and n	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advance imaging in	
Stream Symposia	Plenary Hall 3 SYM45 - Gene Editing Day Biology of	Room 210 SYM46 - Molecular Basis of Disease Neurological	SYM47 - Microbia	l World obial	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental	SYM49 - Gene Editing Day CRISPR engineering	SYM5 Struct Biolog Bioph Advar	0 - tural gy and ysics nces in	SYM51 Biotec and Sy Biolog	- hnology nthetic y	SYM52 - Ce Signalling Metabolism Protein	and n	SYM53 - Molecular Physiology Development physiology: Heating it up with advance imaging in pregnancy an	
Stream Symposia	Plenary Hall 3 SYM45 - Gene Editing Day Biology of	Room 210 SYM46 - Molecular Basis of Disease Neurological	SYM47 - Microbia	l World obial	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental	SYM49 - Gene Editing Day CRISPR engineering	SYM5 Struct Biolog Bioph Advar	0 - tural gy and ysics nces in	SYM51 Biotec and Sy Biolog	- hnology nthetic y	SYM52 - Ce Signalling Metabolism Protein	and n	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advance imaging in	
Stream Symposia title	Plenary Hall 3 SYM45 - Gene Editing Day Biology of	Room 210 SYM46 - Molecular Basis of Disease Neurological disease	SYM47 - Microbia	l World obial	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental	SYM49 - Gene Editing Day CRISPR engineering	SYM5 Struct Biolog Bioph Advar	0 - tural gy and ysics nces in	SYM51 Biotec and Sy Biolog	- hnology nthetic y	SYM52 - Ce Signalling Metabolism Protein	and n	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advanced imaging in pregnancy an impacts on	
Stream Symposia title 1450-1520	Plenary Hall 3 SYM45 - Gene Editing Day Biology of CRISPR	Room 210 SYM46 - Molecular Basis of Disease Neurological disease	SYM47 - Microbia	l World obial	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental	SYM49 - Gene Editing Day CRISPR engineering	SYM5 Struct Biolog Bioph Advar	0 - tural gy and ysics nces in	SYM51 Biotec and Sy Biolog	- hnology nthetic y	SYM52 - Ce Signalling Metabolism Protein	and n	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advance imaging in pregnancy an impacts on	
Stream Symposia title 1450-1520 1520-	Plenary Hall 3 SYM45 - Gene Editing Day Biology of CRISPR Afternoon Tea & Society Award P	Room 210 SYM46 - Molecular Basis of Disease Neurological disease	SYM47 - Microbia	l World obial ce	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental biology	SYM49 - Gene Editing Day CRISPR engineering	SYM5 Struc Biolog Bioph Advar micro	0 - tural gy and ysics nces in scopy	SYM51 Biotec and Sy Biolog	- hnology nthetic y n design	SYM52 - Ce Signalling Metabolisr Protein degradatio	and n	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advance imaging in pregnancy an impacts on	
Stream Symposia title 1450-1520 1520- Room	Plenary Hall 3 SYM45 - Gene Editing Day Biology of CRISPR Afternoon Tea & Society Award P Plenary Hall 3	Room 210 SYM46 - Molecular Basis of Disease Neurological disease Exhibition - Exhi resentations Room 210	SYM47 - Microbia Antimicro resistanc	I World obial ce	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental biology	SYM49 - Gene Editing Day CRISPR engineering Room 212	SYM5 Struc: Biolog Bioph Advar micro	0 - tural gy and ysics nces in	SYM51 Biotec and Sy Biolog Protein	- hnology nthetic y n design Room 21	SYM52 - Ce Signalling Metabolisr Protein degradatio	and n on Roc	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advance imaging in pregnancy an impacts on offspring om 219	
Stream Symposia title 1450-1520 1520- Room	Plenary Hall 3 SYM45 - Gene Editing Day Biology of CRISPR Afternoon Tea & Society Award P Plenary Hall 3 OUTREACH EVEN	Room 210 SYM46 - Molecular Basis of Disease Neurological disease Exhibition - Exhi resentations Room 210 T ASB Award	SYM47 - Microbia Antimicro resistanc	I World obial ce	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental biology	SYM49 - Gene Editing Day CRISPR engineering Room 212 ASBMB Award	SYM5 Struc Biolog Bioph Advar micro Rov AN	0 - tural gy and ysics nces in scopy scopy om 213 ZSCDB Awa	SYM51 Biotec and Sy Biolog Protein	- hnology nthetic y n design	SYM52 - Ce Signalling Metabolisr Protein degradation 8 8 8 8 8 8 8	and n on Roc	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advance imaging in pregnancy an impacts on offspring	
Stream Symposia	Plenary Hall 3 SYM45 - Gene Editing Day Biology of CRISPR Afternoon Tea & Society Award P Plenary Hall 3	Room 210 SYM46 - Molecular Basis of Disease Neurological disease Exhibition - Exhi resentations Room 210	SYM47 - Microbia Antimicro resistanc	I World obial ce	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental biology	SYM49 - Gene Editing Day CRISPR engineering Room 212	SYM5 Struc Biolog Bioph Advar micro Rov AN	0 - tural gy and ysics nces in scopy scopy	SYM51 Biotec and Sy Biolog Protein	- hnology nthetic y n design n design Room 21 NZSBME	SYM52 - Ce Signalling Metabolisr Protein degradation 8 8 8 8 8 8 8	and n on Roc	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advance imaging in pregnancy an impacts on offspring om 219	
Stream Symposia title 1450-1520 1520- Room	Plenary Hall 3 SYM45 - Gene Editing Day Biology of CRISPR Afternoon Tea & Society Award P Plenary Hall 3 OUTREACH EVEN	Room 210 SYM46 - Molecular Basis of Disease Neurological disease Exhibition - Exhi resentations Room 210 T ASB Award	SYM47 - Microbia Antimicro resistance pition Hall	I World obial ce	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental biology 211 .ecture	SYM49 - Gene Editing Day CRISPR engineering Room 212 ASBMB Award	SYM5 Struc: Biolog Bioph Advar micro Rot Anx Pre	0 - tural gy and ysics nces in scopy scopy om 213 ZSCDB Awa	SYM51 Biotec and Sy Biolog Protein	- hnology nthetic y n design n design Room 21 NZSBME	SYM52 - Ce Signalling Metabolisr Protein degradation 8 8 8 8 8 8 8	and n on Roc	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advance imaging in pregnancy an impacts on offspring	
Stream Symposia title 1450-1520 1520- Room	Plenary Hall 3 SYM45 - Gene Editing Day Biology of CRISPR Afternoon Tea & Society Award P Plenary Hall 3 OUTREACH EVEN	Room 210 SYM46 - Molecular Basis of Disease Neurological disease Exhibition - Exhi resentations Room 210 T ASB Award Presentati	SYM47 - Microbia Antimicro resistance pition Hall	I World obial ce	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental biology 211 .ecture	SYM49 - Gene Editing Day CRISPR engineering Room 212 ASBMB Award Presentations	SYM5 Struc: Biolog Bioph Advar micro Rot Anx Pre	0 - tural gy and ysics nces in scopy om 213 ZSCDB Awa sentations 0-1750 - AM	SYM51 Biotec and Sy Biolog Protein	- hnology nthetic y n design n design Room 21 NZSBME	SYM52 - Ce Signalling Metabolisr Protein degradation 8 8 8 8 8 8 8	and n on Roc	SYM53 - Molecular Physiology Developmenta physiology: Heating it up with advance imaging in pregnancy an impacts on offspring	
Stream Symposia title 1450-1520 1520- Room	Plenary Hall 3 SYM45 - Gene Editing Day Biology of CRISPR Afternoon Tea & Society Award P Plenary Hall 3 OUTREACH EVEN	Room 210 SYM46 - Molecular Basis of Disease Neurological disease Exhibition - Exhi resentations Room 210 T ASB Award Presentati 1615-1715 -	SYM47 - Microbia Antimicro resistance pition Hall	I World obial ce	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental biology 211 .ecture	SYM49 - Gene Editing Day CRISPR engineering Room 212 ASBMB Award Presentations	SYM5 Struc: Biolog Bioph Advar micro Rov Pre 165	0 - tural gy and ysics nces in scopy om 213 ZSCDB Awa sentations 0-1750 - AM	SYM51 Biotec and Sy Biolog Protein	- hnology nthetic y n design n design Room 21 NZSBME	SYM52 - Ce Signalling Metabolisr Protein degradation 8 8 8 8 8 8 8	and n on Roc	SYM53 - Molecular Physiology Development: physiology: Heating it up with advance imaging in pregnancy an impacts on offspring	
Stream Symposia iitle 1450-1520 1520- Room	Plenary Hall 3 SYM45 - Gene Editing Day Biology of CRISPR Afternoon Tea & Society Award P Plenary Hall 3 OUTREACH EVEN FOR STUDENTS	Room 210 SYM46 - Molecular Basis of Disease Neurological disease Exhibition - Exhi resentations Room 210 T ASB Award Presentati 1615-1715 -	SYM47 - Microbia Antimicro resistance pition Hall	I World obial ce	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental biology 211 .ecture	SYM49 - Gene Editing Day CRISPR engineering Room 212 ASBMB Award Presentations	SYM5 Struc: Biolog Bioph Advar micro Rov Pre 165	0 - tural gy and ysics nces in scopy om 213 ZSCDB Awa sentations 0-1750 - AM	SYM51 Biotec and Sy Biolog Protein	- hnology nthetic y n design n design Room 21 NZSBME	SYM52 - Ce Signalling Metabolisr Protein degradation 8 8 8 8 8 8 8	and n on Roc	SYM53 - Molecular Physiology Development: physiology: Heating it up with advance imaging in pregnancy an impacts on offspring	
Stream Symposia itle 450-1520 520- Room Session	Plenary Hall 3 SYM45 - Gene Editing Day Biology of CRISPR Afternoon Tea & Society Award P Plenary Hall 3 OUTREACH EVEN FOR STUDENTS	Room 210 SYM46 - Molecular Basis of Disease Neurological disease Exhibition - Exhi resentations Room 210 T ASB Awarr Presentati 1615-1715 - ession	SYM47 - Microbia Antimicro resistand	I World obial ce Room AuPS I	SYM48 - Cell, Developmental and Stem Cell Biology Imaging in cell and developmental biology	SYM49 - Gene Editing Day CRISPR engineering Room 212 ASBMB Award Presentations 1650-1750 - ASBMB AGM	SYM5 Struc: Biolog Bioph Advar micro Rov Pre 165	0 - tural gy and ysics nces in scopy om 213 ZSCDB Awa sentations 0-1750 - AM	SYM51 Biotec and Sy Biolog Protein	- hnology nthetic y n design n design Room 21 NZSBME	SYM52 - Ce Signalling Metabolisr Protein degradation 8 8 8 8 8 8 8	and n on Roc	SYM53 - Molecular Physiology Development: physiology: Heating it up with advance imaging in pregnancy an impacts on offspring	

THURSDAY 26 September 2024 – Climate Change Day

0730-1700	Registration - Plenary Foyer														
0830-0950	Concurrent sessi														
Room	Plenary Hall 3	Room 21		Room 211		Room 212 Room 2		13 Room 217		Room 21	8	Room 2	19	Room 220	
Stream	SYM54 -	SYM55 -	155 - Cell S			SYM57 - Cell, S			SYM59 -	SYM60		SYM61 -		SYM62 -	
	Climate Change								Molecular	Structur	al	Microbi		Biotechnology	
	Day	-	-		5,	and Stem Cell	of Disea		Physiology	Biology				and Synthetic	
	Day Metabolisi		letabolism Gene Regulation an Epigenetics		n and		UI DISEd	50	riiysiology					Biology	
						Biology				Biophysics				ыллай	
						Intracellular Pathoge									
Symposia	Causes and	OMICS in		Computational					Spatiotemporal	Spectros				Biosensors	
title	mitigation	cellular		enomic	S	trafficking and			metabolic	and scat	tering	pathoge	ens		
			gulation			extracellular	virulenc	e	homeostasis						
	greenhouse				vesicles										
	gas emissions														
0950-1020	Morning Tea - Ple	enary Foy	/er												
1020-1140	Concurrent sessi	on 13 – Ke	eynote & Sy	mposia											
Room	Plenary Hall 3	Room 21	10 Ro	om 211		Room 212	Room 21	13	Room 217	Room 21	8	Room 2	19	Room 220	
Stream	KS32 - Climate			/M64 -		KS33 - FAOBM	3 SYM65 -	ASB/	SYM66 -	SYM67 -		SYM68 ·		SYM69 - Cell	
	Change Day			Genomics,		Excellence	CSCB Jo	int	Molecular	Biotechnology		Microbial World		Signalling and	
		Comput	ational G	Gene		Award & Young	Session		Physiology	and Synthetic				Metabolism	
				Regulation and		Investigators			, , , , , , , , , , , , , , , , , , , ,	Biology					
					ics										
Symposia	Climate	AI/Mach		ost-		FAOBMB awar	d Fluores	cence	Exercise is	Industria	al	Cellular		Immuno-	
title					tional				medicine:	protein		commu		metabolism	
uuo	onunge day	simulati		gene regulation		presentations	damage		Tissue	production		oomma	noution		
			90	inc reg	ulution		uamage		crosstalk	producti	011				
1140-1150	Session change	over							crosstark						
1150-1300	Concurrent sessi		ounoto Cum	nooio O	. Hot To	nico									
			om 211	pusia o	Room		Room 213		Room 217	r	Room 2	10	Dee	m 220	
Room Strees	Plenary Hall 3 KS34 - Climate							lasular	SYM72 -			-		-	
Stream	Change Day		Bio Bio							Hot Topic		IC 2		173 - Cell,	
							Basis of Di	sease	Bioinformatic					elopmental and	
					Biophy	Biophysics			Computational				Ste	m Cell Biology	
									Biology and 'O						
Symposia	Climate Change Day Prote		inter and i			otein structure, Host-pa				0		crobiome ii		tial biology and	
title					intera		interaction	ıs	new bioinform					sue heterogeneit	
						and molecular			tools		health &		in d	levelopment	
					assem	blies									
1300-1415	Lunch - Foyer			_											
1315-1400	Lunchtime Techn	iical Work	kshops												
Room	Room 210			Roor				Room 217				oom 212	_		
1315-1400	Workshop 4 – Pro	otein cryo	DEM	Wor	kshop 5	i - Digital spatia	i profiling		op 6 - Protein noi					ing you wanted	
								problems	s and possible so	olutions				hing but were	
	Concurrent	on 15 - Di	onom: 0								to	oo afraid to	ask! -		
1415-1515	Concurrent sessi	0115 - Pl		iosia ai	Id HOT I	1		De erre Offe		Dear of	0		Dec. 2	00	
Room	Plenary Hall 3		Room 210					Room 212		Room 219			Room 2		
Stream	Plenary 7 FEBS		SYM74 - Mo			SYM75 - Struct		Hot Topic	:3	SYM76 - Climate		e Change	Hot Top	IC 4	
	Worldwide Lectu	re	of Disease	Short T	alks	Biology and Bi				Day					
Symposia						Molecular med		Single m	olecule imaging			•	• • • • • • • • • • • • • • • • • • • •		
						using Cryo-EM and dynamic protein				to climate change		nge	using light to observe and manipulate the		
						aynamic prote							brain and		
						complexes								nd body	
title	Afternoon Tea - F	Plenary Fo	oyer											nd body	
title 1515-1540	Afternoon Tea - F Pienary 8 & IUBN			emony										nd body	
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