

# Posters at a Glance

**Date:** December 9 (Tue.) (Day 1)- 12 (Fri.) (Day 4) (1 day for each poster)

**Place:** Poster 1 (Exhibition Hall No.1, 1F), Poster 2 (Exhibition Hall No.1, 2F), Poster 3 (World Memorial Hall)  
(see page 15 -17 for poster panel layout)

**Discussion Time:** Each day 16:45 - 17:45 (odd numbers) / 17:45 - 18:45 (even numbers)

\*How to identify your panel : ex. 1P-0075 (Day 1, Panel No. 75)

Theme	Poster				Talk											
	Day 1 (1P) Tue. 9	Day 2 (2P) Wed. 10	Day 3 (3P) Thu. 11	Day 4 (4P) Fri. 12	Session No.	Date	Room	Session No.	Date	Room	Session No.	Date	Room	Session No.	Date	Room
<b>1. Glycobiology</b>																
1) Glycoproteins	1P-0001 ~ 0050				1T23	Tue. 9	Room 23									
2) Glycolipids		2P-0001 ~ 0042			2T23	Wed.10	Room 23									
3) Proteoglycans	1P-0051 ~ 0071				1T22	Tue. 9	Room 22									
4) Lectins				4P-0001 ~ 0038	4T8	Fri.12	Room 8									
5) Oligosaccharides and polysaccharides	1P-0072 ~ 0077															
6) Carbohydrate-related enzymes			3P-0001 ~ 0052		3T8	Thu.11	Room 8									
7) Glycotechnology	1P-0078 ~ 0091				1T22	Tue. 9	Room 22									
8) Glycome	1P-0092 ~ 0095				1T22	Tue. 9	Room 22									
9) Others	1P-0096 ~ 0107				1T22	Tue. 9	Room 22									
<b>2. Lipid Biology</b>																
1) Lipid metabolome	1P-0108 ~ 0115				1T18	Tue. 9	Room 18									
2) Sphingophospholipids	1P-0116 ~ 0128				1T18	Tue. 9	Room 18									
3) Phosphoinositides	1P-0129 ~ 0133															
4) -1 Membrane phospholipids-1	1P-0134 ~ 0152				1T18	Tue. 9	Room 18	2T18	Wed.10	Room 18						
4) -2 Membrane phospholipids-2		2P-0043 ~ 0057														
5)-1 Bioactive lipids-1		2P-0058 ~ 0084														
5)-2 Bioactive lipids-2			3P-0053 ~ 0077		2T18	Wed.10	Room 18	3T18	Thu.11	Room 18						
6) Cholesterol and lipoproteins				4P-0039 ~ 0058	4T18	Fri.12	Room 18									
7) Fatty acids and glycerides				4P-0059 ~ 0072	4T18	Fri.12	Room 18									
9) Lipid modification of proteins				4P-0073 ~ 0077	4T18	Fri.12	Room 18									
10) Lipid trafficking				4P-0078 ~ 0092	4T18	Fri.12	Room 18									
11) Others				4P-0093 ~ 0101	4T18	Fri.12	Room 18									
<b>3. Protein World</b>																
1)-1 Structural biology-1			3P-0078 ~ 0129													
1)-2 Structural biology-2				4P-0102 ~ 0153	3T24	Thu.11	Room 24	4T24	Fri.12	Room 24						
2) Functional proteomics			3P-0130 ~ 0156		3T23	Thu.11	Room 23									
3)-1 Protein folding and quality control of proteins-1	1P-0153 ~ 0190				1T24	Tue. 9	Room 24	2T24	Wed.10	Room 24						
3)-2 Protein folding and quality control of proteins-2		2P-0085 ~ 0121														
4) Protein engineering				4P-0154 ~ 0227	4T23	Fri.12	Room 23									
5) Protein informatics				4P-0228 ~ 0244	4T23	Fri.12	Room 23									
6) Structure, prediction of function and drug design				4P-0245 ~ 0267	4T24	Fri.12	Room 24									
7) Others			3P-0157 ~ 0209		3T23	Thu.11	Room 23									
<b>4. Enzymes, Metabolic Regulation and Nutrition</b>																
1) Enzymatic mechanisms	1P-0191 ~ 0205				1T7	Tue. 9	Room 7									
2) Transporters (sugars, amino acids, peptides etc.)	1P-0206 ~ 0257				1T6	Tue. 9	Room 6									
3) Ion transporting and bioenergetics		2P-0122 ~ 0158			2T6	Wed.10	Room 6									
4) Electron transfer			3P-0210 ~ 0224		3T7	Thu.11	Room 7									
5) Oxidoreductases and redox regulation			3P-0225 ~ 0246		3T7	Thu.11	Room 7									
6) Metalloenzymes and heme-enzymes		2P-0159 ~ 0217			2T7	Wed.10	Room 7									
7) Flavoenzymes	1P-0258 ~ 0276				1T8	Tue. 9	Room 8									
8) Pyridoxal enzymes	1P-0277 ~ 0286				1T8	Tue. 9	Room 8									
9) Transferases	1P-0287 ~ 0309				1T7	Tue. 9	Room 7									
10) Hydrolytic enzymes (hydrolases)	1P-0310 ~ 0330				1T7	Tue. 9	Room 7									
11) Proteases		2P-0218 ~ 0256			2T8	Wed.10	Room 8									
12) Enzyme inhibition	1P-0336 ~ 0344				1T7	Tue. 9	Room 7									

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13) Nucleic acid metabolism			3P-0247 ~ 0252		3T7	Thu.11	Room 7									
14) Vitamins				4P-0268 ~ 0283	4T7	Fri.12	Room 7									
15) Polyamines				4P-0284 ~ 0289	4T7	Fri.12	Room 7									
16) Inorganic compounds	1P-0345 ~ 0346															
17) Drug metabolism	1P-0347 ~ 0357				1T8	Tue. 9	Room 8									
18) Metal metabolism	1P-0358 ~ 0360															
19) Others				4P-0290 ~ 0306	4T7	Fri.12	Room 7									
<b>5. Signal Transduction</b>																
1) Extracellular signaling molecules			3P-0253 ~ 0271		3T13	Thu.11	Room 13									
2) -1 Membrane receptors -1			3P-0272 ~ 0302		3T13	Thu.11	Room 13	4T13	Fri.12	Room 13						
2) -2 Membrane receptors -2				4P-0336 ~ 0365												
3) Nuclear receptors	1P-0361 ~ 0395				1T15	Tue. 9	Room 15									
4) Ion channels	1P-0396 ~ 0411				1T15	Tue. 9	Room 15									
5) Cyclic nucleotides and target proteins	1P-0412 ~ 0414															
6) Phospholipid metabolism and signal transduction	1P-0415 ~ 0420				1T15	Tue. 9	Room 15									
7) Calcium and target proteins	1P-0421 ~ 0425				1T15	Tue. 9	Room 15									
8) MAP kinase family		2P-0257 ~ 0288			2T14	Wed.10	Room 14									
9) -1 Protein kinases and phosphatases-1		2P-0289 ~ 0321														
9) -2 Protein kinases and phosphatases-2			3P-0303 ~ 0335		2T14	Wed.10	Room 14	3T14	Thu.11	Room 14						
10) Heterotrimeric G proteins	1P-0426 ~ 0438				1T14	Tue. 9	Room 14									
11) Small G proteins	1P-0439 ~ 0464				1T14	Tue. 9	Room 14									
12) Other G proteins	1P-0465				1T14	Tue. 9	Room 14									
13) Adaptor proteins				4P-0366 ~ 0379	4T14	Fri.12	Room 14									
14) Other signaling molecules				4P-0380 ~ 0416	4T14	Fri.12	Room 14									
15) Nitric Oxide		2P-0322 ~ 0346			2T13	Wed.10	Room 13									
16) -1 Stress responses-1			3P-0336 ~ 0404		3T15	Thu. 11	Room 15	4T15	Fri.12	Room 15						
16) -2 Stress responses-2				4P-0417 ~ 0485												
17) Environmental factors and bioactive substances		2P-0347 ~ 0379			2T13	Wed.10	Room 13									
18) Others		2P-0380 ~ 0405			2T13	Wed.10	Room 13									
<b>6. Cell Biology</b>																
1) Dynamism of biomembranes	1P-0466 ~ 0475				1T12	Tue. 9	Room 12									
2) -1 Cell-cell interaction, cell motility, extracellular matrix and cytoskeleton-1		2P-0406 ~ 0450														
2) -2 Cell-cell interaction, cell motility, extracellular matrix and cytoskeleton-2			3P-0405 ~ 0452		2T12	Wed.10	Room 12	3T12	Thu.11	Room 12	4T12	Fri.12	Room 12			
2) -3 Cell-cell interaction, cell motility, extracellular matrix and cytoskeleton-3				4P-0486 ~ 0527												
3) Structure, function and biogenesis of intracellular organelles	1P-0476 ~ 0535				1T13	Tue. 9	Room 13									
4) Intracellular transport systems and vesicular transport				4P-0528 ~ 0596	4T11	Fri.12	Room 11									
5) -1 Ubiquitin and proteasomes-1			3P-0453 ~ 0482		3T10	Thu. 11	Room 10	4T10	Fri.12	Room 10						
5) -2 Ubiquitin and proteasomes-2				4P-0597 ~ 0627												
6) Autophagy				4P-0628 ~ 0662	4T10	Fri.12	Room 10									
7) Other intracellular protein degradation				4P-0663 ~ 0670	4T10	Fri.12	Room 10									
8) -1 Cell cycle and cell division-1	1P-0536 ~ 0580															
8) -2 Cell cycle and cell division-2		2P-0451 ~ 0494			1T11	Tue. 9	Room 11	2T11	Wed.10	Room 11	3T11	Thu.11	Room 11			
8) -3 Cell cycle and cell division-3			3P-0483 ~ 0526													
9) Cell differentiation and polarity	1P-0581 ~ 0609				1T12	Tue. 9	Room 12									
10) -1 Apoptosis and other cell death-1	1P-0610 ~ 0663				1T10	Tue. 9	Room 10	2T10	Wed.10	Room 10						
10) -2 Apoptosis and other cell death-2		2P-0495 ~ 0548														
11) Others	1P-0664 ~ 0682				1T12	Tue. 9	Room 12									
<b>7. Genetics and Genomics</b>																
1) -1 Genome structure-1	1P-0683 ~ 0718															
1) -2 Genome structure-2		2P-0549 ~ 0584			1T2	Tue. 9	Room 2	2T2	Wed.10	Room 2						
2) -1 Structure, function of chromatin and the nucleus -1		2P-0585 ~ 0634														
2) -2 Structure, function of chromatin and the nucleus -2			3P-0527 ~ 0576		2T2	Wed.10	Room 2	3T2	Thu.11	Room 2						
3) -1 DNA replication-1	1P-0719 ~ 0752				1T4	Tue. 9	Room 4	3T4	Thu.11	Room 4						
3) -2 DNA replication-2			3P-0577 ~ 0608													
4) -1 DNA recombination, modifications and mutations-1		2P-0635 ~ 0674														
4) -2 DNA recombination, modifications and mutations-2			3P-0609 ~ 0647		2T4	Wed.10	Room 4	3T4	Thu.11	Room 4	4T4	Fri.12	4			
4) -3 DNA recombination, modifications and mutations-3				4P-0671 ~ 0710												
5) -1 Transcription and its regulation-1	1P-0753 ~ 0847															
5) -2 Transcription and its regulation-2		2P-0675 ~ 0767			1T3	Tue. 9	Room 3	2T3	Wed.10	Room 3	3T3	Thu.11	Room 3			
5) -3 Transcription and its regulation-3			3P-0648 ~ 0746													

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6) RNA processing	1P-0848 ~ 0889				1T5	Tue. 9	Room 5									
7) RNA transport, translation and degradation				4P-0711 ~ 0787	4T5	Fri.12	Room 5									
8) -1 Non-coding RNA-1	1P-0890 ~ 0926				1T5	Tue. 9	Room 5	2T5	Wed.10	Room 5						
8) -2 Non-coding RNA-2		2P-0768 ~ 0803														
9) Other RNA functions		2P-0804 ~ 0813			2T5	Wed.10	Room 5									
10) Extra-chromosomal factors (viruses, phage, plasmids etc)				4P-0788 ~ 0823	4T3	Fri.12	Room 3									
11) -1 Epigenetics -1			3P-0747 ~ 0783		3T2	Thu.11	Room 2	4T2	Fri.12	Room 2						
11) -2 Epigenetics -2				4P-0824 ~ 0860												
12) Others		2P-0814 ~ 0832			2T2	Wed.10	Room 2									
<b>8. Neuroscience</b>																
1) -1 Development of neural networks-1	1P-0956 ~ 0997				1T16	Tue. 9	Room 16	2T16	Wed.10	Room 16						
1) -2 Development of neural networks-2		2P-0833 ~ 0875														
2) Molecular mechanisms of neural function		2P-0876 ~ 0911			2T15	Wed.10	Room 15									
3) Neurotransmission and synaptic structure, function, and plasticity		2P-0912 ~ 0926			2T16	Wed.10	Room 16									
4) Metabolism and signal transduction in the nervous system (Receptors, ion-channels, etc.)			3P-0784 ~ 0804		3T16	Thu.11	Room 16									
5) The sensory system (sight, smell, taste, etc.)		2P-0956 ~ 0987			2T15	Wed.10	Room 15									
6) Learning, memory, and behavior			3P-0805 ~ 0849		3T16	Thu.11	Room 16									
7) Molecular mechanisms of the biological clock and circadian rhythm				4P-0861 ~ 0878	4T16	Fri.12	Room 16									
8) Others				4P-0879 ~ 0890	4T16	Fri.12	Room 16									
<b>9. Development and Regeneration</b>																
1) Embryogenesis				4P-0891 ~ 0941	4T6	Fri.12	Room 6									
2) -1 Morphogenesis-1	1P-0998 ~ 1063				1T26	Tue. 9	Room 26	2T26	Wed.10	Room 26						
2) -2 Morphogenesis-2		2P-0988 ~ 1053														
3) -1 Stem cells and cell differentiation-1	1P-1064 ~ 1112															
3) -2 Stem cells and cell differentiation-2		2P-1054 ~ 1102			1T25	Tue. 9	Room 25	2T25	Wed.10	Room 25	3T25	Thu.11	Room 25			
3) -3 Stem cells and cell differentiation-3			3P-0850 ~ 0902													
4) Tissue and developmental engineering			3P-0903 ~ 0932		3T5	Thu.11	Room 5									
5) Germ cells and fertilization			3P-0956 ~ 1010		3T6	Thu.11	Room 6									
6) Others		2P-1103 ~ 1109			2T26	Wed.10	Room 26									
<b>10. Systems Biology</b>																
1) Molecular and cellular networks			3P-1011 ~ 1023		3T9	Thu.11	Room 9									
2) Bioinformatics				4P-0956 ~ 1012	4T9	Fri.12	Room 9									
3) Genome information processing				4P-1013 ~ 1023	4T9	Fri.12	Room 9									
4) Simulatin and in silico reconstruction			3P-1024 ~ 1037		3T9	Thu.11	Room 9									
5) Others			3P-1038 ~ 1045		3T9	Thu.11	Room 9									
<b>11. Biology of Diseases</b>																
1) -1 Cancer-1	1P-1113 ~ 1161															
1) -2 Cancer-2		2P-1110 ~ 1159														
1) -3 Cancer-3			3P-1046 ~ 1096		1T19	Tue. 9	Room 19	2T19	Wed.10	Room 19	3T19	Thu.11	Room 19	4T19	Fri.12	Room 19
1) -4 Cancer-4				4P-1024 ~ 1075												
2) Cardiovascular diseases		2P-1160 ~ 1171			2T22	Wed.10	Room 22									
3) -1 Brain, nervous and mental disorders-1		2P-1172 ~ 1221			2T22	Wed.10	Room 22	3T22	Thu.11	Room 22						
3) -2 Brain, nervous and mental disorders-2			3P-1097 ~ 1146													
4) -1 Immunology and immune disorders-1	1P-1162 ~ 1193				1T20	Tue. 9	Room 20	2T20	Wed.10	Room 20						
4) -2 Immunology and immune disorders-2		2P-1222 ~ 1253														
5) -1 Infectious diseases-1		2P-1254 ~ 1280														
5) -2 Infectious diseases-2			3P-1147 ~ 1173		2T20	Wed.10	Room 20	3T20	Thu.11	Room 20	4T20	Fri.12	Room 20			
5) -3 Infectious diseases-3				4P-1076 ~ 1102												
6) Aging and life style-related diseases		2P-1281 ~ 1328			2T21	Wed.10	Room 21									
7) Genes and disease	1P-1194 ~ 1243				1T21	Tue. 9	Room 21									
8) Stress-related diseases	1P-1244 ~ 1260				1T21	Tue. 9	Room 21									
9) Endocrinological and metabolic diseases			3P-1174 ~ 1195		3T21	Thu.11	Room 21									
10) -1 Energy imbalance (adipose tissue, muscle, liver, insulin etc.)-1			3P-1196 ~ 1224													
10) -2 Energy imbalance (adipose tissue, muscle, liver, insulin etc.)-2				4P-1103 ~ 1131	3T21	Thu.11	Room 21	4T21	Fri.12	Room 21						

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11) Other diseases				4P-1132 ~ 1144	4T22	Fri.12	Room 22									
12) Molecular diagnosis and laboratory medicine				4P-1145 ~ 1179	4T22	Fri.12	Room 22									
13) Drugs, toxins and environmental substances				4P-1180 ~ 1212	4T22	Fri.12	Room 22									
14) Others				4P-1213 ~ 1215												
<b>1 2. Plant Biology</b>																
1) Photosynthesis		2P-1329 ~ 1336			2T17	Wed.10	Room 17									
2) Primary and secondary metabolism		2P-1337														
3) Plant genome and genes		2P-1338 ~ 1376			2T17	Wed.10	Room 17									
4) Plant morphogenesis, cell structure and organelles			3P-1225 ~ 1262		3T17	Thu.11	Room 17									
6) Environmental response				4P-1216 ~ 1260	4T17	Fri.12	Room 17									
7) Plant-pathogen interactions		2P-1377 ~ 1396			2T17	Wed.10	Room 17									
8) Signal reception and transduction				4P-1261 ~ 1265	4T17	Fri.12	Room 17									
9) Plant proteomics and metabolomics			3P-1263 ~ 1274		3T17	Thu.11	Room 17									
10) Others			3P-1275 ~ 1290		3T17	Thu.11	Room 17									
<b>1 3. Agrobiology and nutraceutical biotechnology</b>																
1) Agrobiology and nutraceutical biotechnology	1P-1261 ~ 1285				1T17	Tue. 9	Room 17									
2) Others	1P-1286 ~ 1289															
<b>1 4. Evolution</b>																
1) Molecular evolution	1P-1290 ~ 1323															
2) Others	1P-1324 ~ 1334				1T17	Tue. 9	Room 17									
<b>1 5. Biotechnology</b>																
1) Genomics (analytic technology)			3P-1291 ~ 1309		3T25	Thu.11	Room 25									
2) Metabolomics (analytic technology)			3P-1310 ~ 1317		3T25	Thu.11	Room 25									
3) Proteomics (analytic technology)				4P-1266 ~ 1322	4T25	Fri.12	Room 25									
4) Chemical biology			3P-1318 ~ 1348		3T25	Thu.11	Room 25									
5) Enzyme engineering				4P-1323 ~ 1339	4T26	Fri.12	Room 26									
6) Genetic and nucleic acid engineering		2P-1397 ~ 1478			2T9	Wed.10	Room 9									
7) Cell engineering			3P-1349 ~ 1366		3T26	Thu.11	Room 26									
8) Antibody engineering	1P-1335 ~ 1374				1T9	Tue. 9	Room 9									
9) Biosensors				4P-1340 ~ 1358	4T26	Fri.12	Room 26									
10) Bioimaging			3P-1367 ~ 1394		3T26	Thu.11	Room 26									
11) Nano-biotechnology				4P-1359 ~ 1382	4T26	Fri.12	Room 26									
12) Molecular breeding	1P-1375 ~ 1388				1T9	Tue. 9	Room 9									
13) Artificial organs				4P-1383	4T26	Fri.12	Room 26									
14) Others		2P-1479 ~ 1512			2T9	Wed.10	Room 9									
<b>1 6. Others</b>																
1) Others	1P-1389 ~ 1397															
2) Communication, Policy, Education and Moral Ethic	1P-1398 ~ 1410															