Poster presentations

Poster no.	Presenter	Affiliation	Country	Category	Title
P-1	**Biwen Wang**	U Amsterdam	NL	Evolution and mobile genetic elements	**Transposon insertion sequencing of a minimal Bacillus subtilis genome**
P-2	**Biwen Wang**	U Amsterdam	NL	Biotechnology	**Induction of CtsR-regulated chaperones improves xylanase production in Bacillus**
P-3	**Biwen Wang**	U Amsterdam	NL	Others	**Gintool: Transcriptome analysis using regulation directionality information**
P-4	**Biwen Wang**	U Amsterdam	NL	Antimicrobials and toxins	**Lethal ROS production upon membrane depolarization of dormant Bacillus subtilis**
P-5	**Ryosuke Kadoya**	Sugiyama Jogakuen	JP	Antimicrobials and toxins	**Development of probiotic agents containing Bacillus natto against Campylobacter food poisoning**
P-6	**Valentina Andrea Floccari**	U Ljubljana	SI	Microbial interaction	**Aberrant Bacillus subtilis cell's morphology emerges as consequence of active lysogeny**
P-7	**Romain Briandet**	INRAE Jouy	FR	Microbial interaction	**Tracking Bacilli swimmers in microalgae**
P-8	**Virginie Grosboillot**	U Ljubljana	SI	Microbial interaction	**SPbeta-like viruses trigger changes in Bacillus subtilis behaviour under defined environmental conditions**
P-9	**Yotaro Isamu**	Tsukuba U	JP	Microbial interaction	**The potential of membrane vesicles as immunostimulant modulating Clostridioides difficile colonization**
P-10	**Miku Matsushita**	Tsukuba U	JP	Microbial interaction	**Isolation and characterization of bacterial-derived extracellular membrane vesicles in**
P-11	**Polonca Stefanic**	U Ljubljana	SI	Microbial interaction	**Kin discrimination and cooperative behaviours in Bacillus subtilis**
P-12	**Stephen Lander**	Northwestern U	USA	Microbial interaction	**Secreted nuclease facilitates extracellular DNA (eDNA) repurposing during biofilm**
P-13	**Anne-Gaëlle Planson**	INRAE Jouy	FR	Microbial interaction	**Construction and directed evolution of B. subtilis synthetic consortia**
P-14	**Yuzheng Wu**	Kobe U	JP	Biotechnology	**Luciferase luminescence of colonies to assess NADPH levels in Bacillus subtilis cells**
P-15	**Nunthaphan Vikromvarasiri**	RIKEN	JP	Biotechnology	**Metabolic Engineering Design Based on Flux Balance Analysis to Improve Bio-production from Glycerol in Bacillus**
P-16	**Koki Tanaka**	Tokyo Agri U	JP	Biotechnology	**Analysis of segmented filamentous bacteria genome function in Bacillus subtilis**
P-17	**Katsumi Amano**	Tokyo Agri U	JP	Biotechnology	**Introduction and heterologous expression of heliobacterial photosynthetic gene cluster in Bacillus subtilis**
P-18	**Satoru Watanabe**	Tokyo Agri U	JP	Biotechnology	**Gene expression profile of CyanoBacillus, carrying chimeric genome of Bacillus subtilis and cyanobacterium Synechocystis sp. PCC**
P-19	**Takahiro Morita**	Tokyo Agri U	JP	Biotechnology	**Development of the genetic engineering methods of Cyanobacillus**
P-20	**Hirotaka Matsubara**	Amano enzyme	JP	Biotechnology	**Genome analysis of Bacillus amyloliquefaciens industrial strains and its application to heterologous protein**
P-21	**Junko Yamamoto**	Shinshu U	JP	Biotechnology	**stablishment of gene introduction into alkaliphilic bacteria using conjugation system consisting with Type IV secretion system (T4SS) and conjugative factor RP4**
P-22	**Taiki Kanzaki**	Shinshu U	JP	Biotechnology	**Determination of the oriT minimum region in conjugation between Escherichia coli and Bacillus subtilis.**
P-23	**Claudia Borgmeier**	BRAIN Biotech	DE	Biotechnology	**Modulation of a built environment microbiome by a B. subtilis strain**
P-24	**Wakana Suda**	Tokyo Agri U	JP	Biotechnology	**Effect of restriction/modification on plasmid transfer in Bacillus subtilis natto**
P-25	**Rina Nogami**	Kobe U	JP	Biotechnology	**Elucidation of the poly-γ-L-glutamic acid (γ-L-PGA) synthesis mechanism and its mutational impacts in Bacillus subtilis**
P-26	**Thomas Konjetzko**	FZ Jülich	DE	Biotechnology	**Unravelling the potential of thermophilic Geobacillus spp. as chassis organisms for bioplastic upcycling**
P-27	**Etienne Dervyn**	INRAE Jouy	FR	Biotechnology	**OSIRIS: Orthogonal Sigma for Internal Resources Implementation towards Synthesis**

P-28	**Ryosuke Fukuda**	Tsukuba U	JP	Regulation	**Temperature-dependent gene regulation for environmental adaptation in Clostridium perfringens**
P-29	**Mitsuo Ogura**	Tokai U	JP	Regulation	**Regulatory mechanism of the operon containing genes encoding 5-oxoprolinase and manganese importer**
P-30	**Ahmad Altoun**	Marburg U	DE	Regulation	**Regulation of bacterial transcription by 6S**
P-31	**Veronika Kočárková**	Czech Academy of Science	CZ	Regulation	**Novel transcription factors in Bacillus subtilis**
P-32	**Yuzuki Shimada**	Saitama U	JP	Regulation	**Analysis of sigI regulation via lipoteichoic acid synthase in Bacillus subtilis**
P-33	**Ling Juan Wu**	Newcastle U	UK	Regulation	**Global regulatory role of ParB through parS-mediated autoregulation and gene silencing**
P-34	**Richard Daniel**	Newcastle U	UK	Regulation	**Differentiation between old and new peptidoglycan is required for coordinated cell growth in Bacteria**
P-35	**Matthieu Jules**	INRAE Jouy	FR	Regulation	**(p)ppGpp sets the level of tRNA charging through continuous regulation of translation**
P-36	**Anne-Gaëlle Planson**	INRAE Jouy	FR	Regulation	**Greedy reduction of Bacillus subtilis genome yields emergent phenotypes of high resistance to a DNA**
P-37	**Naoko Tsuji**	Kyoto Sangyo U	JP	Regulation	**Isolation of novel translation arrest peptides with RAPP and RGPP sequence motifs**
P-38	**Koichiro Masuda**	Tokyo Agri U	JP	Regulation	**Analysis of the suppressor strain, which recovered the survivability of Bacillus subtilis sigma factor minimizing strain**
P-39	**Sari Ikawa**	Tokyo Agri U	JP	Regulation	**In vivo conparative analysis of SigA /RpoD family in Bacillus subtilis**
P-40	**Miho Omote**	Tokyo Agri U	JP	Regulation	**Analysis of regulatory mechanism of RNA polymerase expression under nutrient starvation conditions in Bacillus subtilis**
P-41	**Natsumi Kimura**	Tokyo Agri U	JP	Sporulation and development	**Effect of the acetylation state of 2-oxoglutarate dehydrogenase complex on sporulation in Bacillus subtilis.**
P-42	**Teppei Kawakami**	Tokyo Agri U	JP	Sporulation and development	**Analysis of Arg phosphorylation site of SigA in Bacillus subtilis sporulation initiation.**
P-43	**Ritsuko Kuwana**	Setsunan U	JP	Sporulation and development	**Comparative Analysis of Thioflavin T and other Fluorescent Dyes for Fluorescent Staining of Bacillus subtilis Vegetative Cell, Sporulating Cell, and Mature Spore**
P-44	**Nozomu Obana**	Tsukuba U	JP	Sporulation and development	**A novel conserved protein complex controls sporulation in Clostridium**
P-45	**Nobuki Kuwabara**	Hosei U	JP	Sporulation and development	**Non-secreted intercellular signal transduction during sporulation in Bacillus subtilis**
P-46	**Tsutomu Sato**	Hosei U	JP	Sporulation and development	**Identification of CgeA as a glycoprotein that anchors polysaccharides to the spore surface in Bacillus subtilis**
P-47	**Maja Popović**	U Ljubljana	SI	Sporulation and development	**Disruption of phage integration gene leads to unexpected changes in Bacillus subtilis**
P-48	**Alexandre D'Halluin**	Institut de Biologie Physico-Chimique	FR	Sporulation and development	**The sporulation specific 3' exoribonuclease KapD is involved in the spore crust and outer coat formation in B. subtilis**
P-49	**Daisuke Seo**	Kanazawa U	JP	Stress response	**nvestigation of a physiological role of the ferredoxin-NADP+ oxidoreductase paralog found in Bacillus subtilis**
P-50	**Hiroko Fukuda**	Shinshu U	JP	Stress response	**Application of a High-Throughput Colony Growth Measurement System to Bacillus subtilis under Different pH Circumstances**
P-51	**Yuma Okubo**	Chiba U	JP	Sporulation and development	**B. subtilis tRNAArg is indispensable for the competence development**
P-52	**Koichiro Akiyama**	NIG	JP	Cell division	**Divergent cell shapes by a mutation in the IIA domain of MreB**
P-53	**Shota Suzuki**	Rikkyo U	JP	Cell division	**Adaptive evolution of oriC through in vitro propagation in RCR**
P-54	**Tomoaki Okado**	Saitama U	JP	Others	**Expression analysis of genes involved in propidium iodine in Bacillus subtilis**
P-55	**Kimihiro Abe**	NIID	JP	Others	**Spo0A-dependent membrane vesicle production in Bacillus subtilis**
P-56	**Ryuji Yamazawa**	Setsunan U	JP	Others	**YabG is a novel arginine-specific cysteine protease**

P-57	**Shigeki Kada**	Meg Milk	JP	Others	**Exploration of D-amino acid producing lactic acid bacteria by bioassay using Bacillus subtilis mutants.**
P-58	**Takashi Inaoka**	NARO	JP	Others	**Isolation of the suppressor mutations that restore the growth of zwf mutant in B. subtilis**
P-59	**Koya Sakuma**	Nagoya U	JP	Others	**Dual-wield NTPases: An uncharacterized protein family mined from AlphaFold Protein Database conserved among Bacilli and**
P-60	**Akiko Soma**	Chiba U	JP	Others	**Identification of a minimum set of tRNA repertoire in B. subtilis**
P-61	**Masakazu Furuta**	Osaka Metro U	JP	Stress response	**Comparative Analysis of Growth Retardation Effects on Bacillus subtilis Spores via Diverse Microbial Control Methods: Heat, Gamma-Rays, UV, and Essential Oils from Spices for the Development of Optimal Combined**
P-62	**Shinya Kaneko**	Titech	JP	Biotechnology	**Novel approach to the genome (giant DNA) synthesis**