



The 42nd Annual Meeting of The Molecular Biology Society of Japan

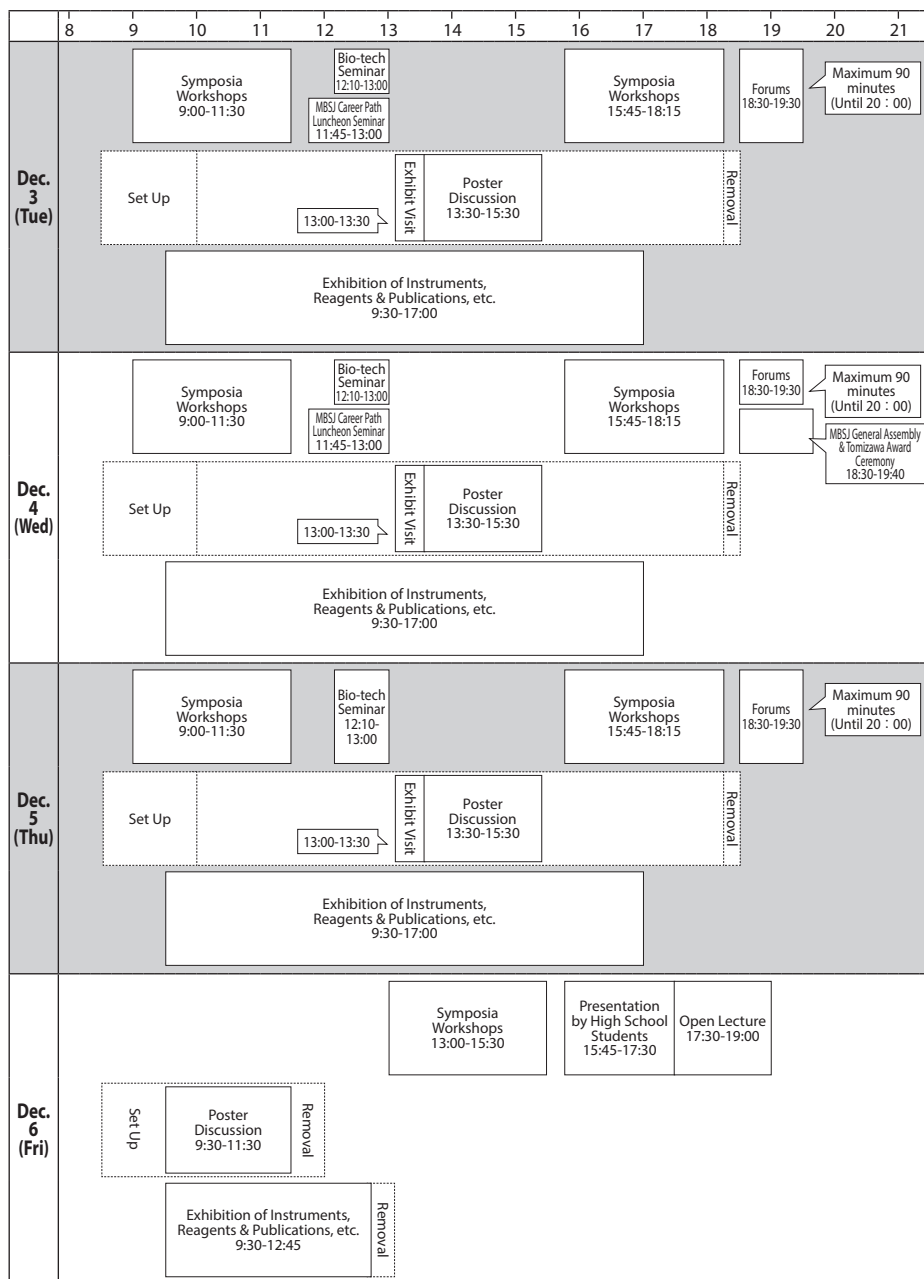
Period: December 3 (Tue) – 6 (Fri), 2019

Venue: Fukuoka International Congress Center /
Fukuoka Sunpalace Hotel & Hall / Marine Messe Fukuoka

President: Hiroyuki Sasaki (Medical Institute of Bioregulation, Kyushu University)

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| Poster & Exhibition Hall | 18 |
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| Information for Organizers, Poster Discussers and Presenters | 26 |

Schedule Overview



| Building | Floor | Room | Venue | 9 : 00 | 10 : 00 | 11 : 00 | 12 : 00 | 13 : 00 |
|---------------------------------------|-------|---------|--------------------------|--|---------|---------|---------|--|
| Fukuoka International Congress Center | 5F | Room 1 | 501 | [1AS-01] Crossroad of Chemical and RNA Biology Shinichi Nakagawa / Masatoshi Hagiwara | | | E | 12 : 10 13 : 00 |
| | | Room 2 | 502+503 | [1AW-02] Understanding of tissue construction, regeneration, and destruction with perivascular cells as a theme Akiyoshi Uemura / Seiji Yamamoto | | | J/E | [1BT02] Beyond Next Ventures Inc. |
| | | Room 3 | 504+505 | [1AW-03] Hidden dimension of pattern formation Akiko Nakamasu / Masakatsu Watanabe | | | J | 12 : 10 13 : 00 |
| | 4F | Room 4 | 401 ~ 403 | [1AW-04] Novel aspects of cellular responses against disturbance of protein quality control Ryo Ushioda / Yukio Kimata Supported by: Society of ER stress research | | | J | [1BT04] Illumina K.K. |
| | | Room 5 | 404 ~ 406 | [1AW-05] Active and passive regulation of ribosome function in life phenomena Hideji Yoshida / Naoya Kenmochi | | | J | 12 : 10 13 : 00 |
| | | Room 6 | 409+410 | [1AW-06] A New Era of Virology Kei Sato Co-hosted by: Grant-in-Aid for Scientific Research on Innovative Areas "Neo-Virology" | | | J | [1BT06] COSMO BIO CO., LTD. |
| | | Room 7 | 411 | [1AW-07] Development of molecular and biological indicators for preemptive medicine to prevent metabolic and neurodevelopment disorders Takahiro Nemoto / Takeo Kubota | | | J | |
| | | Room 8 | 412 | [1AW-08] Cell nuclear dynamics mediated by interplay of nucleo-cytoplasmic transport components Masahiro Oka / Shingo Kose | | | J | |
| | | Room 9 | 413 | [1AW-09] Environmental Factors and Biological modified Reaction Tatsuya Mimura / Yasuhiro Yoshida | | | J/E | |
| | | Room 10 | 414 | [1AW-10] Understanding the cell by novel omics Hisao Moriya / Keiji Kito | | | J | |
| | 3F | Room 11 | Main Hall | [1AS-11] Neurogenesis ~from developmental to adult stages~ Kinichi Nakashima / Sebastian Jessberger | | | E | 12 : 10 13 : 00 |
| | 2F | Room 12 | 201 | [1AW-12] The beginning of the "neo Vascular Biology" first year. ~ We would know VEGF shall be, must consider VEGF has been.~ Masashi Muramatsu / Hiroyasu Kidoya | | | J | [1BT12] Nepa Gene Co., Ltd. |
| | | Room 13 | 202 | [1AW-13] Commnality and diversity of non- canonical DNA replication in organisms Satoru Watanabe / Masato Kanemaki | | | J/E | 11 : 45 13 : 00 |
| | | Room 14 | 203 | [1AW-14] Metabolic control of the cell/tissue network Ichiro Manabe / Yuichi Oike | | | J | Career Path Luncheon Seminar 1 |
| | | Room 15 | 204 | [1AW-15] Crying Out Telomeres at the End of the Chromosome -2019- Makoto Hayashi / Junko Kanoh | | | J/E | [1BT15] TAKARA BIO INC. |
| Fukuoka Sunplace Hotel & Hall | 2F | Room 16 | Heian | [1AW-16] Challenge for developing new Immune- function for homeostasis. ~ Shift from "Defense" to "Maintain" ~ Kohei Kometani / Kyoko Ochiai | | | J | 12 : 10 13 : 00 |
| | | Room 17 | Palace Room B | [1AW-17] Uncovering higher-order chromosome structures by interdisciplinary approaches Keishi Shintomi / Tomoko Nishiyama | | | E | |
| | | Room 18 | Palace Room A | [1AW-18] Enhancer biology from the perspective of evolution, development, and disease mechanism Kazuhiko Nakabayashi / Shin-ichi Horike | | | J/E | |
| Marine Messe Fukuoka | 2F | Room 19 | Large Meeting Room | [1AW-19] Diversified approaches to the nature of cancer 2019 Kentaro Kajiwara / Nobuyuki Onishi | | | J/E | |
| | | Room 20 | Meeting Room 2 | [1AW-20] Recent progress in application of stem cells that contribute to understanding on formation, regeneration, and pathogenesis of the musculoskeletal system Chisa Shukunami / Sachiko Iseki | | | J | 13 : 00 13 : 30 |
| | 1F | Arena | | 9 : 00 11 : 30 | | | | |
| | | | 9 : 30 | | | | | Exhibition of Instruments, Reagents & Publications, etc. |

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| Fukuoka International Congress Center | 5F | Room 1 | 501 | [2AS-01] Frontiers of in-cell protein sciences Kenji Inaba / Yutaka Ito | E | | 12 : 10 | 13 : 00 | |
| | | Room 2 | 502+503 | [2AW-02] Novel principles of developmental biology unveiled by cutting-edge methods Makoto Ikeya / Noriaki Sasai | E | | [2BT02] Bio-Rad Laboratories K.K. | | |
| | | Room 3 | 504+505 | [2AW-03] Frontiers in Microbial Cell Replication System Shogo Ozaki / Norihiko Takemoto | E | | 12 : 10 | 13 : 00 | |
| | 4F | Room 4 | 401 ~ 403 | [2AW-04] "A New Phase in RNA Granule Research" Optogenetics and RNA Live-Cell Imaging Illuminate Fascinating Dynamics of RNA Granules and Disease Mechanisms Reiko Sugiura / Nobuyuki Shiina | E | | [2LCS04] PERSOL GROUP | | |
| | | Room 5 | 404 ~ 406 | [2AW-05] Epigenetic mechanisms of cellular differentiation Akiko Minoda / Makoto Hayashi | E | | 12 : 10 | 13 : 00 | |
| | | Room 6 | 409+410 | [2AW-06] The Biology of Mitochondria -Cytosol Communications Shiori Sekine / Koji Okamoto | E | | [2BT06] SHIMADZU CORPORATION | | |
| | | Room 7 | 411 | [2AW-07] ADP-ribosylation reaction: Novel functions and their structural basis Mitsuko Masutani / Masato Mashimo | E | | | | |
| | | Room 8 | 412 | [2AW-08] Breakthroughs and new developments in our understanding of the regulatory mechanism of coding RNAs Daisuke Kaida / Kazuhiro Fukumura | E | | | | |
| | | Room 9 | 413 | [2AW-09] Opening a new horizon for drug discovery through whole animal chemical biology Leo Tsuda / Masahiro Sonoshita | E | | | | |
| | | Room 10 | 414 | [2AW-10] Comprehensive understanding of biological functions by guanine nucleotides Satoshi Kofuji / Ayaka Harada | E | | | | |
| | 3F | Room 11 | Main Hall | [2AS-11] Molecular mechanisms governing cellular pluripotency Hitoshi Niwa | E | | 12 : 10 | 13 : 00 | |
| | 2F | Room 12 | 201 | [2AW-12] Dynamic control and physiological function by specialized translation apparatus Toshifumi Inada / Tsutomu Suzuki | E | | [2BT12] Carl Zeiss Co., Ltd. | | |
| | | Room 13 | 202 | [2AW-13] Phenotypic evolvability Naoki Irie / Chikara Furusawa Co-hosted by: Constrained and Directional Evolution (Grant-in-Aid for Scientific Research on Innovative Areas) | E | | 11 : 45 | [2BT13] Twist Bioscience | |
| | | Room 14 | 203 | [2AW-14] Witnessing Genome Evolution from the Perspective of Horizontal Gene Transfer Yasukazu Nakamura / Hideki Hirakawa | E | | Career Path Luncheon Seminar 2 | | |
| | | Room 15 | 204 | [2AW-15] RANKL reverse signaling regulates a coupling between bone formation and resorption Hisataka Yasuda / Teruhito Yamashita | E | | [2BT15] Promega KK | | |
| Fukuoka Sunplace Hotel & Hall | 2F | Room 16 | Heian | [2AW-16] Generation of organs or tissues in vivo environment and its future perspectives Tomoyuki Yamaguchi / Atsushi Suzuki | E | | 12 : 10 | 13 : 00 | |
| | | Room 17 | Palace Room B | [2AW-17] Long-range interactions between genomic regions: where we are now Hodaka Fujii | E | | | | |
| | | Room 18 | Palace Room A | [2AW-18] Regulatory networks of organ crosstalk Motoko Yanagita / Kei Fukami Co-hosted by: Japanese Society of Nephrology | E | | | | |
| Marine Messe Fukuoka | 2F | Room 19 | Large Meeting Room | [2AW-19] Portrait of 40-year-old p53: a family picture Rieko Ohki / Kaori Fujita / Marco M Candeias | E | | 11 : 30 | | |
| | | Room 20 | Meeting Room 2 | JST Satellite Symposium | | | 13 : 00 | 13 : 30 | |
| | 1F | Arena | | 9 : 00 | 12 : 45 | | | Exhibit Visit | |
| | | | 9 : 30 | Exhibition of Instruments, Reagents & Publications, etc. | | | | | |

| 14 : 00 | 15 : 00 | 16 : 00 | 17 : 00 | 18 : 00 | 19 : 00 | 20 : 00 |
|--|---------|---|---------|---------|---|---|
| | | | | | [2PS-01] Functions and Mechanisms of Force in Animal and Plant Live Miyo T. Morita / Masatsugu Toyota Co-hosted by: Plant-Structure Optimization Strategy, Grant-in-Aid for Scientific Research on Innovative Areas | |
| | | [2PW-02] Physiological roles of ERK activity dynamics in cells, tissues, and organisms Takaaki Matsui / Kazuhiro Aoki | | | | |
| | | [2PW-03] The nutritional interventions on the basic mechanisms of aging and age-related diseases Mitsuo Maruyama / Noboru Motoyama | | | | |
| | | [2PW-04] New Frontier in studies of DNA replication Hisao Masai / Hiroyuki Araki | | | [2F-04] Conjugational system: revival of historical genetic tool: perspective and development for the necessary tools for large-scale gene and genome manipulations Mitsuhiro Itaya / Masakazu Kataoka | Isao Suetake / Toru Kawakami / Hironobu Hojo |
| | | [2PW-05] Novel technologies for studying chromatin modifications Shigehiro Kawashima / Takashi Umehara | | | [2F-05] Organic chemistry and Epigenetics | [2F-06] The Biology of the Musculoskeletal system -A breakthrough to preventing and recovering from being bedridden- Masahiro Shinohara / Hiroki Ochi |
| | | [2PW-06] Emerging concepts of inter-organelle communications in cell physiology Tomohiko Okazaki / Yukio Fujiki | | | | |
| | | [2PW-07] Systems Biology in Heart: Comprehensive Understanding of Heart Development, Regeneration and Diseases Hideki Uosaki / Seitaro Nomura | | | [2F-07] Polyamine metabolism and health: For the happy 100 years Takeshi Uemura / Yusuke Terui | |
| | | [2PW-08] On the interplay between nuclear organization and the flow of genetic information Yuka Iwasaki / Hiroshi Sasaki | | | [2F-08] Teaching and Learning of Research ethics in life sciences Tohru Ikegami / Akiko Nakada | |
| | | [2PW-09] Instrumental analysis of carbohydrate modification of biomolecules Motoko Takahashi / Reiko Inagi Co-hosted by: Japanese Maillard Reaction Society | | | [2F-09] Tensor decomposition approaches to heterogeneous biological data Koki Tsuyuzaki / Y-h. Taguchi | |
| | | [2PW-10] The vacuole/lysosome; Where does it come from, how is it maintained and what does it do in the cell? Yui Jin / Yoko Kimura | | | [2F-10] Tutorial for metabolomics beginners- Know-how of Metabolomics Takeshi Bamba / Fumio Matsuda Co-hosted by: Shimadzu Corporation | |
| | | [2PS-11] Unbiased life sciences by data-driven approaches Tohru Natsume / Keiichi Nakayama | | | | |
| | | [2PW-12] Molecular recognition of ligands by protein molecules beyond the lock-and-key mechanism Daisuke Kohda / Noritaka Nishida | | | General Assembly | Tomizawa Fund Award Ceremony |
| | | [2PW-13] Model animals' approaches to human diseases - Toward understanding of gene functions and biological mechanisms - Koichi Kawakami / Kuniaki Saito | | | [2F-13] Uncovering the pre- and peri-implantation development of humans and primates Yasuhiro Takashima | |
| | | [2PW-14] Chromosome robustness underlying various and dynamic life processes Toru Hirota / Tatsuo Fukagawa | | | | |
| | | | | | [2F-15] 6th insect meeting: Entomology from present to future Kakeru Yokoi / Takeru Nakazato | |
| | | [2PW-16] New insights of zinc biology drawn by connecting the dots with different fields Toshiyuki Fukada / Taiho Kambe | | | [2F-14] BINDS Forum: Science and state-of-the-art technologies to assist functional and drug discovery researches at the whole-body-to-molecular levels Tsuoyoshi Shirai / Tadashi Ueda / Takuya Miyakawa / Masaru Tanokura Co-hosted by: Japan Agency for Medical Research and Development | |
| | | [2PW-17] Novel trends in the study of steroid hormones: Innovative research techniques and conventional reverse genetics Kentaro Suzuki / Yuichi Shima | | | [2PW-15] Epigenetic dysregulation and cancer development Atsushi Kaneda / Atsushi Iwama Co-hosted by: Grant-in-Aid for Scientific Research on Innovative Areas "Mechanisms underlying replication of non-genomic codes that mediate plasticity and robustness for cellular inheritance" | |
| | | [2PW-18] Mechanisms of vascularization regulating organogenesis Minoru Takasato / Ryuji Yokokawa | | | | |
| | | [2PW-19] RNA and RNP biology Mikiko Siomi / Lingling Chen | | | | |
| | | [2PW-20] Molecular mechanism of various nutrients causing biological reaction Hiroko Sano / Kazutaka Akagi | | | | |
| | 15 : 30 | | | | | |
| Poster Discussion | | 15 : 45 | | 18 : 15 | | |
| | | | 17 : 00 | | | |
| Exhibition of Instruments, Reagents & Publications, etc. | | | | | | |
| | | | | | [Language] J Japanese E English J/E Japanese and English (depending on speakers) | |

| Building | Floor | Room | Venue | 9 : 00 | 10 : 00 | 11 : 00 | 12 : 00 | 13 : 00 | |
|---------------------------------------|-------|-----------|--------------------|---|---------|---------|--|---------|--|
| Fukuoka International Congress Center | 5F | Room 1 | 501 | [3AS-01] Metabolic dynamics for cancer cell plasticity and fate decision Akira Suzuki / Atsushi Hirao | E | | | | |
| | | Room 2 | 502+503 | [3AW-02] Tor Story Tatsuya Maeda / Takashi Ushimaru | J/E | | | | |
| | | Room 3 | 504+505 | [3AW-03] The fascinating world of toxin research Naoko Oda-Ueda / Yasuhiko Horiguchi | J | | 12 : 10 | 13 : 00 | |
| | 4F | Room 4 | 401 ~ 403 | [3AW-04] AMED-CREST/PRIME 「Mechanobiology」 「Novel linkage between the structure and molecular function in mitochondria」 Takeshi Nikawa / Katsuya Hirasaka Supported by: AMED | E | | [3LS04] Leica microsystems K.K. | | |
| | | Room 5 | 404 ~ 406 | [3AW-05] Alterations of epigenetic mechanisms by environmental factors and their novel control strategies Hideyuki Takeshima / Hidetomo Iwano | J/E | | 12 : 10 | 13 : 00 | |
| | | Room 6 | 409+410 | [3AW-06] Novel functions of cytoskeletal molecules as mediators of signal transduction Keiko Kawauchi / Naotaka Nakazawa | J/E | | [3BT13] Springer Nature | | |
| | | Room 7 | 411 | [3AW-07] Regulation of biosystems by symbiotic microbes: Their benefits and human diseases Kenji Miyado / Mitsutoshi Yamada | J/E | | | | |
| | | Room 8 | 412 | [3AW-08] RNA: dysregulation and disease Toru Suzuki / Tomohiko Maehama | J | | | | |
| | | Room 9 | 413 | [3AW-09] Understanding the molecular mechanisms from the Down syndrome multiple pathophysiology Takashi Minami / Tomoko Komatsu | E | | | | |
| | | Room 10 | 414 | [3AW-10] Molecular genetics in neuroscience: from synapse development to circuit function Kota Mizumoto / Fumi Kubo | E | | | | |
| | 3F | Room 11 | Main Hall | [3AS-11] Immune system in health and disease Taro Kawai / Reiko Shinkura | E | | 12 : 10 | 13 : 00 | |
| | 2F | Room 12 | 201 | [3AS-12+13] Understanding biodynamics by the trinity of measuring, mathematical, and controlling techniques Ryoichiro Kageyama / Atsushi Mochizuki | E | | [3LS12] Committee on Promoting Collaboration in Life Sciences | | |
| | | Room 13 | 202 | | | | | | |
| | | Room 14 | 203 | [3AW-14] (The Molecular Biology Society of Japan and The Ecological Society of Japan Joint Workshop) Molecular Biology vs. Ecology: Same Topic, Different Perspective Asako Sugimoto / Jotaro Urabe | J | | [3BT14] FUJIFILM Wako Pure Chemical Corporation | | |
| | | Room 15 | 204 | [3AW-15] Epigenome, metabolism, and chromosome that produce sexual continuity (sex spectrum) Makoto Tachibana / Minoru Tanaka Co-hosted by: Grant-in-Aid for Scientific Research on Innovative Areas "Sex spectrum" | J | | [3BT15] KYORIN Pharmaceutical Co., Ltd. | | |
| Fukuoka Sunplace Hotel & Hall | 2F | Room 16 | Heian | [3AW-16] Designing Biological information at will Takafumi Miyamoto / Yusuke Yamamoto | J/E | | | | |
| | | Room 17 | Palace Room B | [3AW-17] Nuclear topography Satoshi Tashiro / Kazuhiko Igarashi | J/E | | | | |
| | | Room 18 | Palace Room A | [3AW-18] Development and epigenetics of extra-embryonic tissues Azusa Inoue / Hiroaki Okae | J | | | | |
| Marine Messe Fukuoka | 2F | Room 19 | Large Meeting Room | [3AW-19] Principle and application of the chemical protein knockdown technologies Mikihiko Naito / Yasushi Saeki Co-hosted by: Ubiquitin New Frontier Driven by Chemo-technologies | J | | | | |
| | | Room 20 | Meeting Room 2 | [3AW-20] The Quality of Proteins - Protein Evaluation in Modification, Aging and Pathogenesis - Tadayuki Ogawa / Hironari Kamikubo | J | | | | |
| | 3F | Sub Arena | | 9 : 00 11 : 30 | | | | | |
| | 1F | Arena | | 9 : 30 13 : 00 13 : 30 | | | | | |
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| 14 : 00 | 15 : 00 | 16 : 00 | 17 : 00 | 18 : 00 | 19 : 00 | 20 : 00 |
|--|---------|---|---------|---------|---|---|
| | | [3PS-01] Cutting edge of technical innovations in integrated single cell analysis Piero Carninci / Takeshi Bamba Co-hosted by: JST CREST 'Innovative Technology Platforms for Integrated Single Cell Analysis' | E | | | |
| | | [3PW-02] New multicellular principles driven by cell-cell competition and cooperation Tatsushi Igaki / Yasuyuki Fujita | J | | [3F-05] Development and future application of <i>i</i> -GONAD for creation of genome edited animals without <i>ex vivo</i> handling of embryos Masato Ohtsuka / Makoto Matsuyama | |
| | | [3PW-03] Organelle zones regulating glycosylation Satoshi Goto / Hiderou Yoshida | J | | | |
| | | [3PW-04] Transaction of the multiple DNA damage response pathways-Molecular pathogenesis associated with genome instability- Atsushi Shibata / Kouji Hirota | J | | 18 : 30 | 20 : 00 |
| | | [3PW-05] Use and Beauty through dissecting the molecular mechanism of RNA binding protein Masato Yano / Hiroshi Asahara | J/E | | | |
| | | [3PW-06] Frontier of extracellular vesicles Nobuyoshi Kosaka / Yoichi Harada | J | | 19 : 30 | |
| | | [3PW-07] Plant science: from laboratory to field Atsushi Nagano / Takashi Akagi Co-hosted by: JST CREST 'Creation of fundamental technologies contribute to the elucidation and application for the robustness in plants against environmental changes' | J | | [3F-06] Enzymatic biofuel cells generating electricity by mimicking our energy metabolism Tutomu Mikawa | |
| | | [3PW-08] Next Generation Live Imaging to Decipher Cellular Function Shiro Suetsugu Co-hosted by: JST CREST Intelligent Measurement Analysis | E | | [3F-07] Cryo-electron microscopy network user group meeting Yoshikazu Tanaka / Naruhiko Adachi Cooperation: AMED-BINDS | |
| | | [3PW-09] Eukaryotic gene expression regulation under stress condition, and senescence and diseases caused by its disruption Naoyuki Kataoka / Koh Nakayama | J/E | | [3F-08] How to deal with hoaxes? How do you prevent hoaxes? Kazumi Sano / Keisuke Iida | |
| | | [3PW-10] A cutting edge of evolutionary genomics of chordates Yoshihiro Omori / Takeo Horie | J/E | | [3F-09] Chromosome, chromatin, and nuclear dynamics in sexual reproduction Satoshi Namekawa / Kei-chiro Ishiguro | |
| | | [3PS-11] Molecular basis of phenotypic variation regulated by epigenome Mitsuyoshi Nakao / Takeshi Inagaki | E | | [3FT-10] Basic lectures for understanding PCR experiments Yoshizumi Ishino Supported by: Takara Bio Inc. | 19 : 50 |
| | | [3PS-12+13] Decoding informational processing in the brain that underlies behavioral regulation Yuichi Iino / Takeshi Ishihara | E | | [3F-14] Bias-Free Life Science — How can newly emerged technologies illuminate the reality of life? — Yuko Mimori-Kiyosue / Hiroaki Wake / Masaru Ishii Supported by: JST | |
| | | [3PW-14] Fate-metabolites: metabolites that play crucial roles in determination of cell fate Tomoyoshi Soga / Masakatsu Yamashita | J | | 18 : 30 | 20 : 00 |
| | | [3PW-15] Constructive understanding of origins of life and genetic information systems Norikazu Ichihashi / Akio Kanai | J | | | |
| | | [3PW-16] Beyond antibiotics — Biology toward the control of infectious diseases Tetsuya Iida | J | | [3F-15] Functional network of Japanese researchers to promote science and technology Takayuki Hoshii / Akinobu Matsumoto Co-hosted by: United Japanese researchers Around the world (UJA) | |
| | | [3PW-17] Reconstruction of the nucleus - Aiming for construction of the functional nucleus - Kazuo Yamagata / Tokuko Haraguchi | J | | | |
| | | [3PW-18] Uncovering the mystery of mammalian oocyte-embryo development Shinpei Yamaguchi / Katsuyoshi Takaoka | J/E | | | |
| | | [3PW-19] Phase Separation develops Novel Frontier of Life Science-Physics, Structural Biology, and Molecular Biology target Phase Separation- Riki Kurokawa / Masato Katahira | J | | | |
| | | [3PW-20] Molecular basis of child development: Their birth, problems, and future beyond species Kaoru Yoshida / Mami Miyado | J/E | | 18 : 15 | 19 : 00 |
| | | National Bioresource Project (NBRP) Symposium | | | | [Language] J Japanese E English J/E Japanese and English (depending on speakers) |
| | 15 : 30 | | | | | |
| Poster Discussion | 15 : 45 | | 17 : 00 | | | |
| Exhibition of Instruments, Reagents & Publications, etc. | | | | | | |

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| | | Room 7 | 411 | | | | | |
| | | Room 8 | 412 | | | | | |
| | | Room 9 | 413 | | | | | |
| | | Room 10 | 414 | | | | | |
| | 3F | Room 11 | Main Hall | | | | | |
| | 2F | Room 12 | 201 | | | | | |
| | | Room 13 | 202 | | | | | |
| | | Room 14 | 203 | | | | | |
| | | Room 15 | 204 | | | | | |
| Fukuoka Sunplace Hotel & Hall | 2F | Room 16 | Heian | | | | | 13 : 00 |
| | | Room 17 | Palace Room B | | | | | 13 : 00 |
| | | Room 18 | Palace Room A | | | | | |
| Marine Messe Fukuoka | 2F | Room 19 | Large Meeting Room | | | | | |
| | | Room 20 | Meeting Room 2 | | | | | |
| | 1F | Arena | | 9 : 30 | 11 : 30 | | | |
| | | | | | Poster Discussion | | 12 : 45 | |
| | | | | | Exhibition of Instruments, Reagents & Publications, etc. | | | |

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|---|---------|---|---------|--------------|---------|---------|
| [4S-01] Augmented Cell Engineering Takanori Takebe / Nozomu Yachie E | | | | | | |
| [4W-02] Innovative technologies exploit a next-generation research filed of gut microbiota Nobuo Sasaki / Shinji Fukuda J/E | | | | | | |
| [4W-03] Recent advances and new insights into muscle regeneration Yusuke Ono / Fuminori Kawano J | | [4W-04] Crosstalk between epigenome replication, genome stability, and chromatin organization Atsuya Nishiyama / Motoko Unoki Co-hosted by: Grant-in-Aid for Scientific Research on Innovative Areas "Mechanisms underlying replication of non-genomic codes that mediate plasticity and robustness for cellular inheritance" | | | | |
| [4W-05] Molecular basis of the PHD-HIF system governing hypoxic response Norio Suzuki / Hiroshi Harada J/E | | | | | | |
| [4W-06] Beyond the nucleic acid code: translational control Toshinobu Fujiwara / Akio Yamashita J/E | | | | | | |
| [4W-07] Cutting edge research of cardiovascular development Yusuke Watanabe / Kazuko Koshiba E | | [4W-08] Cutting-edge research on optogenetic analysis of biological functions Akinao Nose Co-hosted by: JST PRESTO "Optical control of biological functions for the elucidation of biological systems" | | | | |
| | | [4W-09] Mathematical Sciences of Single Molecule and Cell for Understanding and Controlling Cellular Diversity Shingo Iwami / Ryuichiro Nakato Co-hosted by: Integrated Analysis and Regulation of Cellular Diversity | | | | |
| [4W-10] Nonhuman primates to understand human diseases Hideya Kawaji / Erika Sasaki E | | 15 : 45 | 17 : 30 | 19 : 00 | | |
| | | Presentations by High School Students (3F Lobby) | | Open Lecture | | |
| [4W-12] Dynamic response of cells to environmental changes: how do organelles respond? Maho Hamasaki / Atsushi Tanaka E | | [4S-11] Robustness of germline lineage Katsuhiko Hayashi / Masahito Ikawa Co-hosted by: Grant-in-Aid for Scientific Research on Innovative Areas "Program of totipotency", "Ensuring integrity in gametogenesis" | | | | |
| [4W-13] Mechanosensing and response for from bacteria to animals Michio Homma / Ikue Mori J/E | | | | | | |
| [4W-14] Approaches to Cancer Evolution by with New Technological Innovation Hiroyuki Aburatani / Koshi Mimori J | | | | | | |
| [4W-15] Elucidation of the higher-order transcription cascade that controls life functions Hidehisa Takahashi / Yuki Yamaguchi J | | | | | | |
| | | 15 : 30 | | | | |
| | | 15 : 30 | | | | |
| [4W-17] The biology of fine particles Akiko Takahashi / Yoshitaka Shirasaki Co-hosted by: JST PRESTO "Function and control of fine particles in a living body" J | | | | | | |
| [4W-18] Stem cells governed by nutrients Fumiaki Obata / Masamitsu Fukuyama J/E | | | | | | |
| | | [4W-19] How Gene Expression Potency is Determined by Chromatin Structure Yasuyuki Ohkawa / Hitoshi Kurumizaka Co-hosted by: Grant-in-Aid for Scientific Research on Innovative Areas "Chromatin potential for gene regulation" | | | | |
| [4W-20] Neuro-vascular new tide Ken-ichi Mizutani / Mika Takarada-Iemata J | | | | | | |
| | | | | | | |
| | | [Language] J Japanese E English J/E Japanese and English (depending on speakers) | | | | |

Poster Timetable

Date: December 3 (Tue) – 6 (Fri) *Each poster will be displayed for ONE DAY only.

Venue: Marine Messe Fukuoka 1F Arena

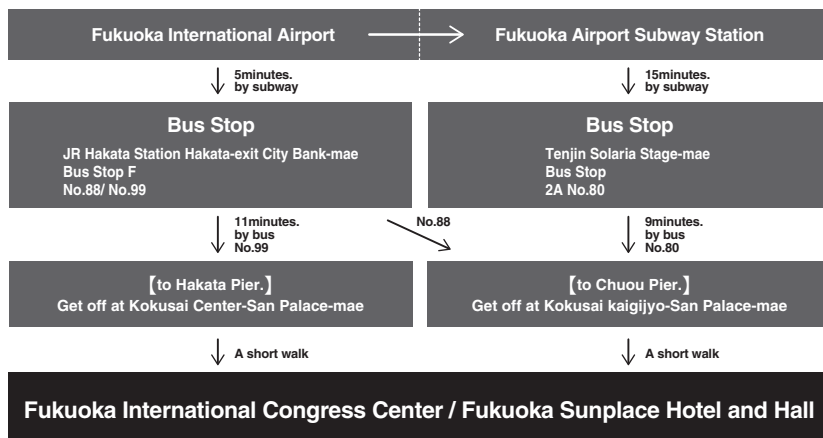
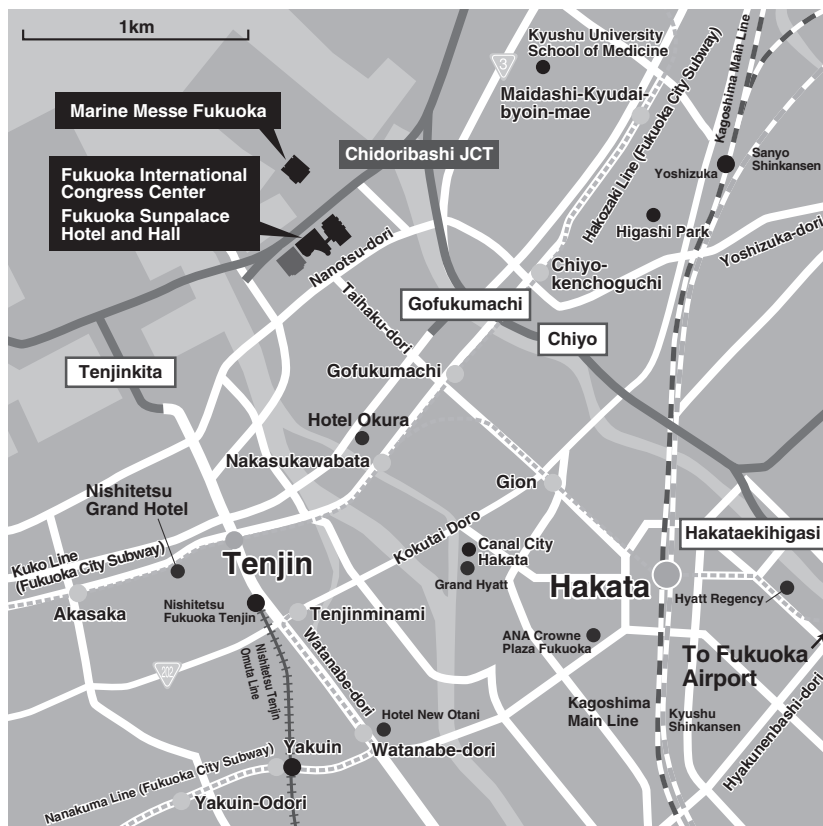
Presentation / Discussion: 12/3-5 Odd Numbers 13:30 – 14:00 / Even Numbers 15:00 – 15:30

12/6 Odd Numbers 9:30 – 10:00 / Even Numbers 11:00 – 11:30

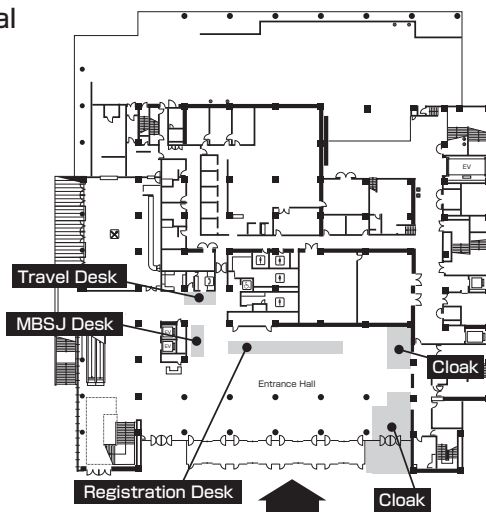
ex.) 1P-0053 (Day 1 / Panel No. 0053)

| Categories | | Day1 Dec. 3 (Tue) | Day2 Dec. 4 (Wed) | Day3 Dec. 5 (Thu) | Day4 Dec. 6 (Fri) |
|--|---|----------------------|----------------------|----------------------|----------------------|
| 1. Molecular Structure and Bioinformatics | | | | | |
| a | Genome / Genes / Nucleic Acids | 1P-0001~1P-0020 | 2P-0001~2P-0020 | 3P-0001~3P-0030 | 4P-0001~4P-0030 |
| b | Proteins | 1P-0021~1P-0049 | 2P-0021~2P-0030 | 3P-0031~3P-0068 | 4P-0031~4P-0057 |
| c | Carbohydrates / Lipids / Metabolites | — | 2P-0031~2P-0040 | 3P-0069~3P-0077 | 4P-0058~4P-0067 |
| d | Omics | 1P-0050~1P-0059 | 2P-0041~2P-0050 | 3P-0078~3P-0087 | 4P-0068~4P-0077 |
| e | Molecular Evolution | 1P-0060~1P-0067 | — | 3P-0088~3P-0097 | 4P-0078~4P-0086 |
| 2. Functions of Molecules and Complexes | | | | | |
| a | DNA Replication | 1P-0068~1P-0087 | 2P-0051~2P-0060 | 3P-0098~3P-0106 | 4P-0087~4P-0096 |
| b | Recombination / Mutation / Repair | 1P-0088~1P-0103 | 2P-0061~2P-0075 | 3P-0107~3P-0130 | 4P-0097~4P-0120 |
| c | Epigenetics | 1P-0104~1P-0121 | 2P-0076~2P-0104 | 3P-0131~3P-0150 | 4P-0121~4P-0139 |
| d | Transcription | 1P-0122~1P-0131 | 2P-0105~2P-0114 | 3P-0151~3P-0169 | 4P-0140~4P-0159 |
| e | RNA / Ribonucleoproteins | 1P-0132~1P-0149 | 2P-0115~2P-0133 | 3P-0170~3P-0187 | 4P-0160~4P-0179 |
| f | Translation | 1P-0150~1P-0167 | 2P-0134~2P-0139 | 3P-0188~3P-0195 | 4P-0180~4P-0188 |
| g | Others | 1P-0168~1P-0176 | 2P-0140~2P-0149 | 3P-0196~3P-0205 | 4P-0189~4P-0198 |
| 3. Cellular Structures and Functions | | | | | |
| a | Chromosome / Nuclear Bodies | 1P-0177~1P-0185 | 2P-0150~2P-0159 | 3P-0206~3P-0225 | 4P-0199~4P-0217 |
| b | Cytoplasmic Organelles | 1P-0186~1P-0204 | 2P-0160~2P-0176 | 3P-0226~3P-0233 | 4P-0218~4P-0225 |
| c | Cell Adhesion / Cell Motility / Extracellular Matrix | 1P-0205~1P-0214 | 2P-0177~2P-0186 | 3P-0234~3P-0242 | 4P-0226~4P-0253 |
| d | Protein Processing, Transport and Localization | 1P-0215~1P-0233 | 2P-0187~2P-0205 | 3P-0243~3P-0251 | 4P-0254~4P-0262 |
| e | Cell Membranes / Cytoskeleton | 1P-0234~1P-0243 | 2P-0206~2P-0215 | 3P-0252~3P-0260 | 4P-0263~4P-0279 |
| f | Cell Proliferation / Division / Cell Cycle | 1P-0244~1P-0253 | 2P-0216~2P-0234 | 3P-0261~3P-0270 | 4P-0280~4P-0297 |
| g | Signal Transduction (Post-Translational Modification) | 1P-0254~1P-0272 | 2P-0235~2P-0252 | 3P-0271~3P-0279 | 4P-0298~4P-0306 |
| h | Signal Transduction (Bioactive Substances) | 1P-0273~1P-0282 | 2P-0253~2P-0269 | 3P-0280~3P-0295 | 4P-0307~4P-0324 |
| i | Cell Death | — | 2P-0270~2P-0285 | — | 4P-0325~4P-0333 |
| j | Others | 1P-0283~1P-0290 | — | 3P-0296~3P-0303 | — |
| 4. Development and Regeneration | | | | | |
| a | Early Embryonic Development | 1P-0291~1P-0299 | 2P-0286~2P-0305 | 3P-0304~3P-0313 | 4P-0334~4P-0350 |
| b | Organogenesis / Morphogenesis / Regeneration | 1P-0300~1P-0325 | 2P-0306~2P-0339 | 3P-0314~3P-0350 | 4P-0351~4P-0370 |
| c | Stem Cells | 1P-0326~1P-0335 | 2P-0340~2P-0358 | 3P-0351~3P-0360 | 4P-0371~4P-0390 |
| d | Cell Differentiation | 1P-0336~1P-0345 | 2P-0359~2P-0368 | 3P-0361~3P-0380 | 4P-0391~4P-0400 |
| e | Reproduction | 1P-0346~1P-0355 | 2P-0369~2P-0386 | 3P-0381~3P-0398 | 4P-0401~4P-0417 |
| f | Others | — | 2P-0387~2P-0392 | — | 4P-0418~4P-0425 |
| 5. Physiology and Pathology | | | | | |
| a | Brain - Nervous System / Neurodevelopment | 1P-0356~1P-0364 | 2P-0393~2P-0409 | 3P-0399~3P-0406 | 4P-0426~4P-0434 |
| b | Brain - Nervous System / Behavior | 1P-0365~1P-0383 | 2P-0410~2P-0428 | 3P-0407~3P-0426 | 4P-0435~4P-0444 |
| c | Brain - Nervous System / Structure | — | 2P-0429~2P-0437 | — | — |
| d | Brain - Nervous System / Disorder | 1P-0385~1P-0409 | 2P-0438~2P-0455 | 3P-0427~3P-0450 | 4P-0445~4P-0476 |
| e | Immunity | 1P-0410~1P-0429 | 2P-0456~2P-0473 | 3P-0451~3P-0469 | 4P-0477~4P-0495 |
| f | Infection | 1P-0430~1P-0449 | 2P-0474~2P-0481 | 3P-0470~3P-0484 | 4P-0496~4P-0502 |
| g | Aging | 1P-0450~1P-0467 | 2P-0482~2P-0499 | 3P-0485~3P-0500 | 4P-0503~4P-0519 |
| h | Cancer Cells | 1P-0468~1P-0507 | 2P-0500~2P-0549 | 3P-0501~3P-0520 | 4P-0521~4P-0540 |
| i | Cancer Tissue | — | 2P-0550~2P-0569 | — | — |
| j | Cancer Treatment | 1P-0508~1P-0526 | 2P-0570~2P-0579 | 3P-0521~3P-0530 | 4P-0541~4P-0549 |
| k | Metabolism | 1P-0527~1P-0554 | 2P-0580~2P-0597 | 3P-0531~3P-0550 | 4P-0550~4P-0569 |
| l | Genetic Disorders | 1P-0555~1P-0560 | 2P-0598~2P-0603 | 3P-0551~3P-0557 | 4P-0570~4P-0575 |
| m | Plants | 1P-0561~1P-0569 | 2P-0604~2P-0612 | 3P-0558~3P-0566 | 4P-0576~4P-0583 |
| n | Others | 1P-0570~1P-0579 | 2P-0613~2P-0622 | 3P-0567~3P-0583 | 4P-0584~4P-0592 |
| 6. Methods and Techniques | | | | | |
| a | Nucleic Acid Engineering / Genome Editing | 1P-0580~1P-0599 | 2P-0623~2P-0640 | 3P-0584~3P-0602 | 4P-0593~4P-0612 |
| b | Protein Engineering | 1P-0600~1P-0608 | 2P-0641~2P-0648 | 3P-0603~3P-0617 | 4P-0613~4P-0620 |
| c | Cell Engineering / Developmental Engineering | 1P-0609~1P-0618 | 2P-0649~2P-0657 | 3P-0618~3P-0627 | 4P-0621~4P-0628 |
| d | Chemical Biology | — | — | 3P-0628~3P-0637 | 4P-0629~4P-0637 |
| e | Analysis and Diagnosis of Diseases | 1P-0619~1P-0628 | — | 3P-0638~3P-0647 | 4P-0638~4P-0647 |
| f | Bioinformatics | 1P-0629~1P-0648 | — | 3P-0648~3P-0657 | 4P-0648~4P-0657 |
| g | Imaging | 1P-0649~1P-0665 | 2P-0658~2P-0665 | — | — |
| i | Others | 1P-0666~1P-0675 | 2P-0666~2P-0675 | 3P-0658~3P-0667 | 4P-0658~4P-0677 |
| 7. Ecology | | | | | |
| a | Ecology | 1P-0676~1P-0685 | 2P-0676~2P-0679 | 3P-0668~3P-0677 | — |
| 8. Others | | | | | |
| a | Others | — | 2P-0680~2P-0682 | — | — |

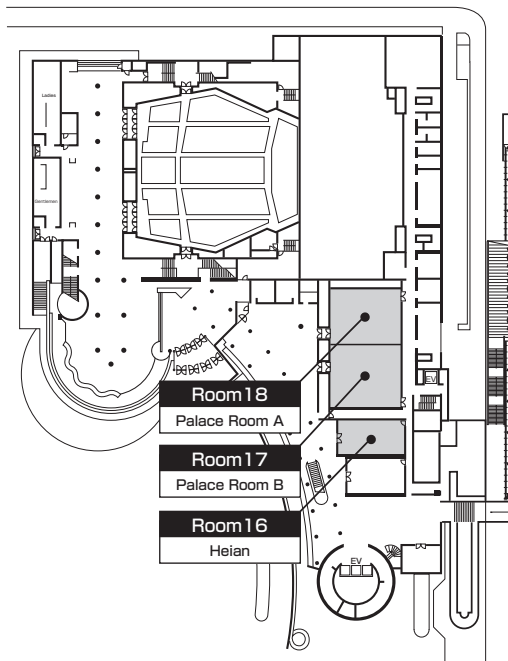
Access & Floor Guide



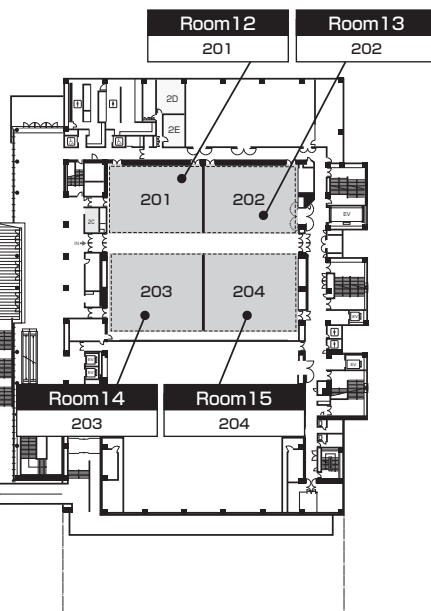
1F Fukuoka International Congress Center



2F Fukuoka Sunpalace Hotel & Hall



2F Fukuoka International Congress Center



3F Fukuoka International Congress Center

Presentations by
High School Students
3F Lobby (Dec.6(Fri))

Room 11

Main Hall

Family Room
3E

4F Fukuoka International Congress Center

Room 4

401+402+403

Room 5

404+405+406

401 402 403

404 405 406

407

409 410

Room 6

409+410

Room 10

414

Room 9

413

411 412 413 414

Room 7

411

Room 8

412

Room 2

502+503

Room 3

504+505

5F Fukuoka International Congress Center

Room 1

501

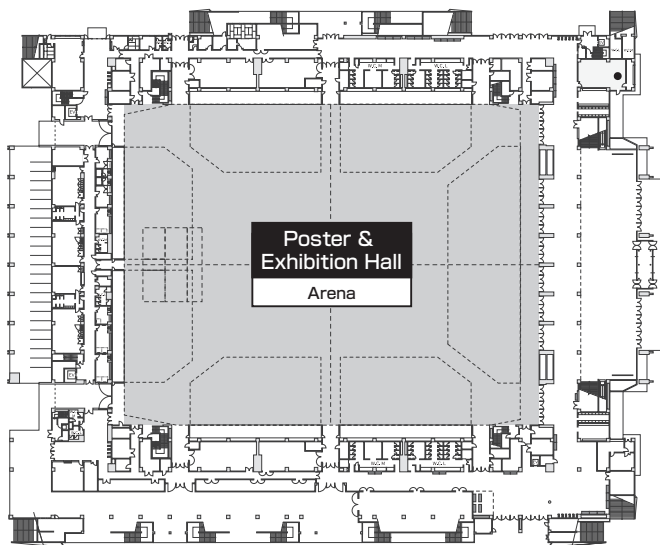
501

502 503

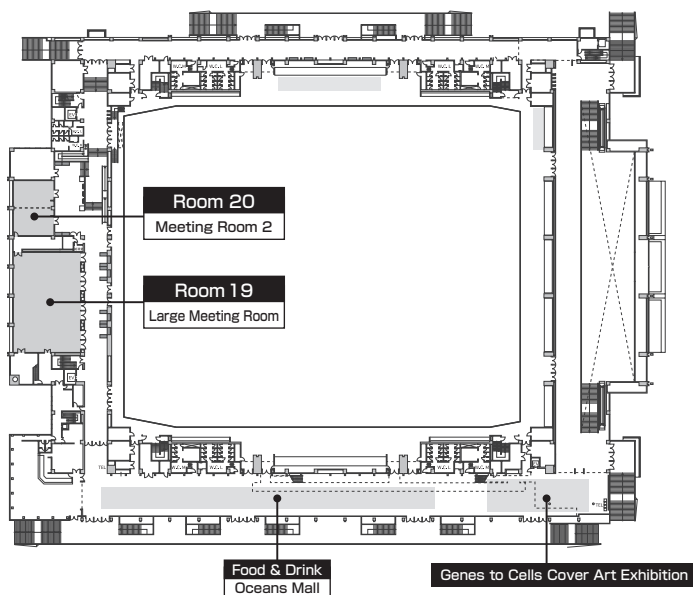
504 505

506

1F Marine Messe Fukuoka



2F Marine Messe Fukuoka



Poster & Exhibition Hall

Late-breaking Abstracts

| | | | |
|-----|-----|-----|-----|
| 120 | 109 | 108 | 97 |
| 73 | 84 | 85 | 96 |
| 72 | 61 | 60 | 49 |
| 25 | 36 | 37 | 48 |
| 24 | 13 | 12 | 1 |
| 693 | 682 | 681 | 670 |
| 646 | 657 | 658 | 669 |
| 645 | 634 | 633 | 622 |
| 598 | 609 | 610 | 621 |
| 597 | 586 | 585 | 574 |
| 550 | 561 | 562 | 573 |
| 549 | 538 | 537 | 526 |
| 502 | 513 | 514 | 525 |
| 501 | 490 | 489 | 478 |
| 454 | 465 | 466 | 477 |
| 453 | 442 | 441 | 430 |
| 406 | 417 | 418 | 429 |
| 405 | 394 | 393 | 382 |
| 340 | 351 | 352 | 363 |
| 339 | 328 | 327 | 316 |
| 274 | 285 | 286 | 297 |
| 273 | 262 | 261 | 250 |
| 217 | 228 | 229 | 240 |
| 216 | 205 | 204 | 193 |
| 169 | 180 | 181 | 192 |
| 168 | 157 | 156 | 145 |
| 121 | 132 | 133 | 144 |
| 120 | 109 | 108 | 97 |
| 73 | 84 | 85 | 96 |
| 72 | 61 | 60 | 49 |
| 25 | 36 | 37 | 48 |
| 24 | 13 | 12 | 1 |

**BioDB
Corner**

**CPCLS
Corner**

**Commercial
Exhibition**

Career Path Poster Corner
Posters by Awardees of the
7th (2017) Tomizawa Fund Awards

| | |
|-----|-----|
| 381 | 373 |
| 364 | 372 |
| 315 | 307 |
| 298 | 306 |
| 249 | 241 |

**Book
Exhibition**



Program Search and Online Abstract Browsing System / App

◆ How to access and login program search and online abstract browsing system

Please access the program search and online abstract browsing system via MBSJ2019 website.

MBSJ2019website <https://www2.aeplan.co.jp/mbsj2019>

*Abstracts are available from mid-November, 2019.

[For those who have completed advance registration]

By logging in the system, you can browse / download the abstracts and also make your own customized “My schedule”. Enter your ID and PW.

ID: your registered e-mail address

PW: sent by email / printed on your name badge

[For those who register on-site (including those who failed to pay advance registration fee)]

An ID and PW will be provided at the registration desk for those who register on-site. You can search and view the programs without logging in, but cannot browse or download the abstracts.

For those who register on-site, an ID and PW will be provided at the registration desk. Those who will not attend the meeting but want to purchase an ID and PW, please contact the secretariat at <mbsj2019@aeplan.co.jp>.

Use of the system at the meeting site

Wireless internet access is available at the meeting site.

SSID: FCC_Free_WiFi

Password: None

◆ How to install program search and abstract browsing app

Free to download from App Store or Google Play.

OS: iOS 8 or later (iPhone, iPad, iPad touch), Android 4.1 or later

App name: MBSJ2019

Search word: mbsj2019

Information for Participants

1. Registration

◆ Registration

On-site registration is available at the Fukuoka International Congress Center 1F. Residents of Japan who have already completed advance registration with a full payment by the due date will receive a name badge by postal mail in mid-November, and do not need to stop by at the registration desk. Please be sure to wear the name badge when entering the meeting site.

Overseas residents who have already completed advance registration with a full payment should go first to the General Information Desk at the Registration Desk to receive your name badge.

◆ Registration Desk

| Location | Open Hours | Operations |
|--|--|---|
| Fukuoka International Congress Center 1F | December 3 (Tue) – 5 (Thu) 8:00 - 17:00 December 6 (Fri) 8:00 - 15:00 | On-site registration General information MBSJ membership registration Accommodation, etc |

◆ Registration Fees

| | Advance Registration July 1 – October 11 | On-site Registration |
|---|--|--------------------------|
| Regular Member | JPY9,000 (untaxed) | JPY11,000 (untaxed) |
| Student Member | JPY3,000 (untaxed) | JPY4,000 (untaxed) |
| Non-member | JPY12,500 (tax-included) | JPY14,500 (tax-included) |
| Undergraduate Student (Regardless of membership) | JPY 0 with Student ID. *Not applicable to Graduate Students | |

*Payment by cash and credit card (VISA, MasterCard, JCB, AMEX, Diners) is acceptable.

◆ Name badge

Please be sure to wear your name badge showing your name and affiliation while you are at the meeting site. No entry without name badge is acceptable. (except for Satellite Symposium on Dec. 4 (Wed) and Open Lecture on Dec. 6 (Fri))

◆ Abstracts

The abstracts will be released only on the online system and app and no booklets or CD-ROM will be issued. The registrants can search, browse and download the abstracts with their ID and password.

If you do not attend the meeting but want to access the online abstracts and app, ID

and password are available with a charge. Please contact the secretariat by e-mail at <mbsj2019@aeplan.co.jp>.

◆ Program Booklet

Program booklet is issued ONLY in JAPANESE. MBSJ Members will receive the program booklet along with the Bulletin Vol.124 in early November. For other participants who purchased a booklet and live in Japan, the program booklet will be sent together with the name badge in mid-November. Non-members coming from overseas will be handed the program booklet on-site at the Registration Desk. (If you are going to register on-site, the program booklet will be handed with the name badge upon your registration.)

◆ Membership Application and Payment (MBSJ Desk)

You can apply for a membership or pay your annual membership fee at MBSJ Desk located next to Registration Desk (Fukuoka International Congress Center 1F). Please visit for the payment if you have not yet paid your membership fee.

2. Biotechnology Seminar (Luncheon Seminar)

The lunch tickets will be distributed at the Biotechnology Seminar Desk below.

Biotechnology Seminar Desk (Only tickets for the seminars on the day)

Location: Fukuoka International Congress Center 1F

Hours: Dec. 3 (Tue) – 5 (Thu) 8:00am - 11:00am *close as all the tickets are distributed

Requirements: Please show your name badge at the seminar ticket desk.

The number of lunch tickets differs depending on the seminars.

***Please note that lunch tickets except for Career Path Seminar will not be distributed to undergraduate students with free registration.**

*Lunch is provided by courtesy of companies and groups co-sponsoring Biotechnology Seminars. Please be advised that the lunch tickets will be distributed on a first-come, first-serve basis.

*Lunch provided by except for Career path seminar will not be distributed to undergraduate students with free registration. (Lunch will be distributed if there is any left at the starting time of the seminars.)

◆ Attention

The lunch tickets are invalid after the starting time of the seminars. Lunch ticket holders should arrive at the seminar room by then. Please be aware that if you are late, lunch will be provided to those who are attending the seminar without the tickets.

◆ Attending the Biotechnology Seminar after the ticket distribution

Please bring the “exchange ticket” directly to the room where the seminar is held. Please note that there will be no lunch provided in this case. (Lunch will be provided if there is any left.)

3. Services & Facilities

◆ Snacks・Drinks

Snacks and drinks are available for purchase at the Oceans Mall (Marine Messe Fukuoka 2F).

◆ Paging service・Bulletin board

No paging service is available to call an individual except for an emergency. Please use a bulletin board in front of the registration desk in order to communicate with the other participants.

◆ Cloaks

Cloaks are open as followings. No valuables or computers can be checked in to the cloak since the society/meeting does not hold any responsibility for loss or damage of your items.

| Location | Open Hours |
|--|-------------------------------------|
| Fukuoka International Congress Center 1F | Dec. 3 (Tue) – 5 (Thu) 8:00 – 18:30 |
| | Dec. 6 (Fri) 8:00 – 15:45 |

◆ Internet

Wireless internet access is available at the meeting site for you to use own devices.

SSID: FCC_Free_WiFi

Password: None

◆ Travel Desk

Travel Desk by Nippon Travel Agency is located near Registration Desk (Fukuoka International Congress Center 1F) to help you to find accommodations and transportations.

◆ Parking

There are no parking lots at the meeting site. Participants are encouraged to use public transportation.

◆ Courier, Copy, Fax

Copy, Print out and Fax are provided with a charge at the Administration Office (Fukuoka International Congress Center 1F). Courier service (Only Yamato Transport) is also provided.

*Black-and-White printing: JPY10/sheet, Color printing: JPY30/sheet, Fax: JPY10/sheet

◆Convenience Store

There are no convenience stores at the Fukuoka International Congress Center.

The nearest 2 convenience stores are as follows:

Seven-Eleven (Hakatachikko Store) 5 min. on foot from the congress center

Ministop (Kamiamachi Sunpalace Mae Store) 5 min. on foot from the congress center

4. Information for Participants with Children

◆Childcare Room

The childcare room by babysitting company is available at the meeting site. (Pay service, advance application required)

Open hours: Dec. 3 (Tue) – 5 (Thu) 8:30 – 18:45

Dec. 6 (Fri) 9:00 – 16:00

Location: For security reasons, only those signed up for the service will be informed of the location.

Age limitation: 90 days old – 12 years old

Babysitting company: Teno. Support Co., Ltd

Fee: JPY400/hour

*Payment can be made in cash when you leave your child.

*As staff will be arranged upon application, full amount will be charged even in the case of last-minute cancellation or shortening of use. Also, extra charge will be charged for extended use.

Lunch: Lunch is available for JPY700 (advance application required)

Note for lunch

*Over 2 years only

*Allergy-free meals are not available

*Payment can be made in cash along with babysitting fee

*Cancellation deadline: Nov. 21 (Thu) 17:00

(In case of cancellation after the deadline, the full amount the fees will be charged.)

*If you do not order a lunch, please prepare meal for your child by yourself.

How to apply: Please email directly to the babysitting company Teno. Support Co., Ltd. including the necessary information below.

E-mail: info@teno.co.jp

Subject: MBSJ2019 childcare reservation Necessary Info.

- 1) Parent's / Participant's name, affiliation, contact
- 2) Child's name, age, sex
- 3) Date and time of use
- 4) Special notes on taking care of your child (if any)
- 5) Lunch: Need (date, qty.) / No need

Application deadline: Nov. 21 (Thu) 17:00

Application & Inquiry to: Teno. Support Co., Ltd.

E-mail: info@teno.co.jp / Tel: +81-92-263-3580 / Fax +81-92-263-3581

Note: Though the babysitting company's insurance will cover damages of unexpected accidents within the coverage limit, Molecular Biology Society and The 42nd Annual Meeting of the Molecular Biology Society of Japan will not take any responsibility for any accidents at the nursery.

◆Family Room

The Family Room is available for parents to nurse their children, change diapers, have meals or just relax. The room can be used for free of charge without reservation at the following hours. Please note there is no staffs in this room, so children must be accompanied at all times by parents or guardians.

Please note that Molecular Biology Society of Japan and The 42nd Annual Meeting of the Molecular Biology Society of Japan will not take any responsibility for any accidents at the nursery.

Place: Fukuoka International Congress Center, 3F, Host Administration Room 3E

Open hours: Dec. 3 (Tue) – 5 (Thu) 8:00 – 19:00

Dec. 6 (Fri) 8:00 – 16:00

◆Nursing room

Nursing rooms are also located at the Fukuoka International Congress Center 2F and 3F.

5. Prohibitions

◆Photography·Recording

No photography and recording with camera, video, cellphone and any device is allowed at the meeting site.

◆Cellphone use

Talking on the cellphone in the lecture/presentation rooms is not accepted. Please set your cellphone on the silent mode and make sure it will not make a noise during lectures/presentations.

◆Smoking

Smoking is prohibited in all area except for the separate smoking spots.

Information for Organizers, Poster Discussers and Presenters

For Organizers of Symposia / Workshops / Forums

1. Arrival

Please come to the “Time Keeper’s Desk” at the right-front of the room and let the staff know of your arrival by 15 minutes before the starting time.

2. Process and Timing

The organizers are expected to ensure that all presentations start and finish punctually as scheduled.

If there is any change on the program schedule, please let the staff know of the changes. For symposia and workshops, staff will assist organizers with timing. If there is no request, remaining time for each presentation will be notified with bell signals as follows;

- 1 ring: 2 minutes to the end of presentation
- 2 rings: End of presentation - Start of discussion
- 3 rings: End of discussion (End of allotted time)

For forums, organizers are asked to manage timing and let the speakers know of it.

For Presenters of Symposia / Workshops / Forums

1. Language

Language of presentations in symposia is English.

Language of presentations in workshops differs depending on each theme. (Language of each theme is indicated in “Program at a Glance” on page 4 - 11)

All the presentation slides are to be prepared in English.

In principle, forums are conducted in Japanese.

2. Time Allocation

Please be aware that the time allocation for presentation and discussion differs depending on each lecture.

For symposia and workshops, staff will assist organizers with timing. If there is no request, remaining time for each presentation will be notified with bell signals as follows;

- 1 ring: 2 minutes to the end of presentation
- 2 rings: End of presentation - Start of discussion
- 3 rings: End of discussion (End of allotted time)

For forums, organizers are asked to manage timing and let the speakers know of it.

3. Presentation Method

Presentations are to be given with your own laptop. Please do not forget to bring your laptop.

*No sound output is available. (Please see “Technical requirements for your laptop” below.)

4. Preview

Please bring your laptop at “Preview Desk” in the session room at least 15 minutes prior to the start of your session.

【Technical requirements for your laptop】

- Ensure that your computer is equipped with the proper monitor connector (either HDMI or D-sub 15 pin) as shown below. If your computer does not have one of these connections, please bring an appropriate converter with you.
- Be sure to bring an AC adaptor. Please note that voltage in Japan is 100V and the frequency ranges 50-60 Hz depending on the area (60Hz in Fukuoka). The socket is type A, which has two flat plug holes. If your laptop is not convertible, transformers and/or plug adaptors are necessary.
- **Please deactivate the screen-saver and power saving mode of your laptop.**
- A display, computer mouse, and keyboard will be prepared on the podium for you to operate by yourself.

HDMI



PC side



Connector

D-sub 15 pin



PC side



Connector

For Poster Discussers

1. Arrival

Please come to the “Reception Desk for Poster Discussers” at the entrance of the Poster/Exhibition Hall (Marine Messe Fukuoka) by 15 minutes before the starting core time on the day of your assigned session and receive the following items.

- Blue ribbon (Please wear it on your chest during the session.)
- Abstracts of your assigned session

| | |
|------------------------------------|--------------------------|
| December 3 (Tue), 4 (Wed), 5 (Thu) | Please come to by 13:45. |
| December 6 (Fri) | Please come to by 9:45. |

2. Process and Timing

The time for presentation and discussion moderated by discussers (Core Time) is as follows.

December 3 (Tue) – 5 (Thu) : 14:00 - 15:00 (60min)

December 6 (Fri) : 10:00 - 11:00 (60min)

Allocated time for one poster is 6 minutes. (Presentation: 3min, Discussion: 3min
*only as a guide)

Time-keeping is made over a public address system in the hall, so discussers are asked to be punctual.

3. Language

Language for discussion (Japanese or English) is depending on poster presenters.

However, discussers are expected to have a part of discussion in English according to an audience as much as possible, to promote globalization.

For Poster Presenters

1. Periods of Poster Display

Each poster will be displayed for one day during the meeting period (December 3 (Tue) - 6 (Fri)).

Please set up your poster in the morning of your presentation day.

2. Time for Set up, Presentation / Discussion, Removal

All accepted abstracts including those selected for presentations at workshops are to be presented at a poster session.

Please wear a yellow ribbon indicating a poster presenter on your chest.

The presentation and discussion time moderated by discussers for one poster is 6 minutes (Presentation: 3min, Discussion: 3min *only as a guide). Discussers will spend valuable time having discussions, so please be sure to be in front of your poster on your presentation time.

Also, please prepare to be able to explain the content of your presentation within 3 minutes.

*There will be no discussers assigned for late-breaking abstracts. Please be in front of your poster on your presentation time.

| | | | | |
|-------------|------------------------------|------------------------------------|--|-----------------------|
| Dec. 3-5 | Set up | | 8:30 - 10:00 | |
| | Presentation / Discussion | Posters submitted by July 31 | Free discussion (Odd Numbers) | 13:30 - 14:00 (30min) |
| | | | Presentation & Discussion moderated by Discussers | 14:00 - 15:00 (60min) |
| | | | Free discussion (Even Numbers) | 15:00 - 15:30 (30min) |
| | Late-breaking Abstracts* | Odd Numbers | 13:30 – 14:30 | |
| | | Even Numbers | 14:30 – 15:30 | |
| | Removal | | 18:15 - 18:30 | |

| | | | | |
|-----------|------------------------------|------------------------------------|--|-----------------------|
| Dec. 6 | Set up | | 8:30 - 9:30 | |
| | Presentation / Discussion | Posters submitted by July 31 | Free discussion (Odd Numbers) | 9:30 - 10:00 (30min) |
| | | | Presentation & Discussion moderated by Discussers | 10:00 - 11:00 (60min) |
| | Late-breaking Abstracts※ | | Free discussion (Even Numbers) | 11:00 - 11:30 (30min) |
| | | | Odd Numbers | 9:30 - 10:30 |
| | | | Even Numbers | 10:30 - 11:30 |
| | Removal | | 11:30 - 11:45 | |

3. Posting Information

<Location>

The last 4-digit of presentation number is on the upper left of each panel. Please use the panel that matches your presentation number. Push pins are prepared at each panel.

<Panel size>

Each panel space available is 120 cm wide x 150 cm high. Please indicate your presentation title, author(s), and affiliation(s) on top of the poster. Your presentation title, author(s), and affiliation(s) must be written big enough to see from 5 meters away.

<Mark for the presenter>

Please put a small circle on the upper left of the presenter's name.

<Language>

The poster has the titles both in Japanese and English. Presenters can choose the content of the poster in Japanese or English, however MBSJ2019 recommends English.

Please prepare the content of the poster in English when you submitted the abstract in English.

Presenters can make a presentation and a discussion either in Japanese or English, however they are expected to promote globalization according to an audience.

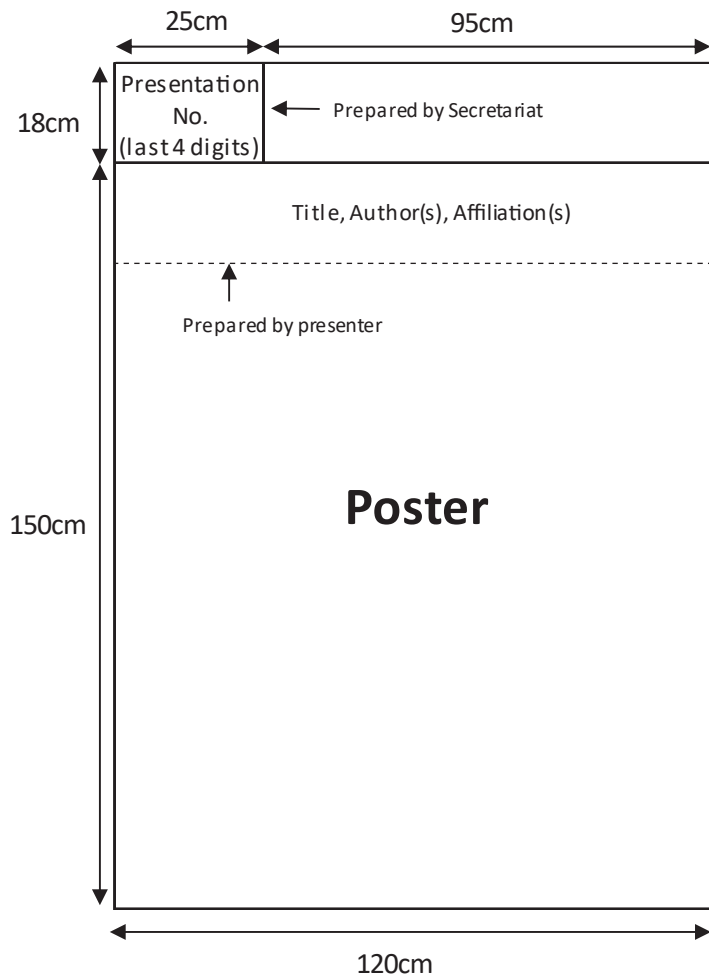
<Text size>

Text on the poster should be as large as you can read from 2 meters away. Please create the figures and charts as large as possible.

<Removal>

Please remove your poster by yourself when the presentation time is over. We do not keep or return any of the posters left.

<Example>



Guidelines relating to presentation of research results

An important objective of the conference is to engage in lively debate and to exchange information by sharing the latest research results, including those that have not yet been published. In order to achieve this objective, we ask you to follow the guidelines set out below with respect to research presentations.

1. The following behavior, which could seriously damage mutual trust among participants, is prohibited.
 - Photographic, video or sound recording of raw data presented or displayed at the verbal presentation venue or the poster venue without the permission of the presenter.
 - Disclosure of the contents of research to a third party via SNS or similar media without the permission of the presenter.
2. When making presentations, as far as possible, there should be no concealing of molecule names, methodologies, theoretical concepts or ideas that are central to the research.
3. Presenters are to take responsibility for the handling of information relating to patent applications and the like.

Adopted September 14, 2018

Molecular Biology Society of Japan, 20th Board of Directors

Foreign Travel Award Awardees List

The MBSJ Board of Directors aims to promote globalization of the annual meetings. To provide opportunities for young foreign researchers to learn about the MBSJ, MBSJ2019 supports students/ young researchers (non-member/ foreign nationality) who make a presentation in the meeting by providing JPY50,000 per person for their travel. The MBSJ2019 Organizing Committee would like to thank the organizers and overseas presenters of the symposiums and workshops for distributing this call to young foreign researchers. The Committee selected the following 8 people as awardees.

| Abstract Submission Number | Name | Affiliation |
|----------------------------|----------------------------|---|
| 2LBA-068 | Cheong A Bae | The Catholic University of Korea, Korea |
| 2LBA-105 | Ge Guo | University of Cambridge, UK |
| 2LBA-050 | Giuliano Giuseppe Stirparo | University of Cambridge, UK |
| 3P-0147 | Grigorios Fanourgakis | Friedrich Miescher Institute for Biomedical Research, Switzerland |

| | | |
|--------------------|----------------------|---|
| 3P-0650 | Hamid Alinejad-Rokny | The University of Western Australia, Australia |
| 2P-0213 | Javier Koh | Duke-NUS Medical School, Singapore |
| 3P-391 | Laura Gaspa Toneu | Friedrich Miescher Institute for Biomedical Research, Switzerland |
| 2P-0132 (2PW-19-7) | Xiang Li | University of Chinese Academy of Sciences, China |

(In alphabetical order)