Cherry Blossom Symposium 2018 in Morioka April 19-21

11th International Conference of Clinical Laboratory Automation and Robotics

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Akira Suwabe, M.D., Ph.D. President, Organizing Committee

WELCOME MESSAGE

The Cherry Blossom Symposium (The International Conference of Laboratory Automation and Robotics) is one of the highly evaluated international conferences in the field of laboratory automation. It is my great honor to invite you to the 11th of this symposium on April 19 (Thur) to 21 (Sat) in 2018 in Morioka, Japan.

Since cherry blossoms were in full bloom in the first symposium held by late professor Sasaki, then this symposium has been called Cherry Blossom Symposium.

Japan and Korea played a key role in organizing this symposium and participants gathered from all the countries of the world of United States, Europe and Asia and discussed hot on the laboratory automation and robotics. In the former 10th memorial symposium held in Seoul in 2016, 335 people participated from 22 countries.

The number of 11th means the beginning of the next 10 times from the 11th to 20th. Then the main theme of this symposium was entitled as "Clinical Laboratory Automation - a bridge over the next two decades -" Based on the main theme, we would like to discuss hot on how we contribute to the worldwide progress in laboratory automation and robotics.

To realize this main theme, we are planning two plenary lectures focusing on the medical megabank project and the artificial intelligence (Al), five selected symposiums, two industry Workshop and one industry sessions by leading companies, industrial exhibitions and poster sessions in the program.

Participants may absorb not only cutting-edge knowledge on laboratory automation and robotics but also wide-variety progress in laboratory medicine.

Morioka is one of the most beautiful cities in Japan, where Kitakami-river, Shizukuishi-river, Nakatsugawa-river meet at the roots of Mt. Iwate called Iwate-Fuji which resembles of Mt. Fuji. Cherry blossoms will become in full bloom in Morioka in the middle of April when Cherry Blossom Symposium 2018 is held. We have many cherry blossom spots such as Ishiwari-Zakura, old Morioka castle Sakura, Ippon-Zakura. I am sure everything will please the eyes of the participants.

Moreover, you can also enjoy many kinds of locally brewed Japanese sake, sea foods from Sanriku-seacoast, Maeawa beef and many kinds of Morioka noodles.

We ardently welcome you to Morioka with Japanese traditional hospitality spirit "O-mo-te-na-shi".

I expect many participants to the symposium.

Sincerely,

Sumabe

Akira Suwabe, M.D., Ph.D. President, Organizing Committee

ORGANIZING COMMITTEE



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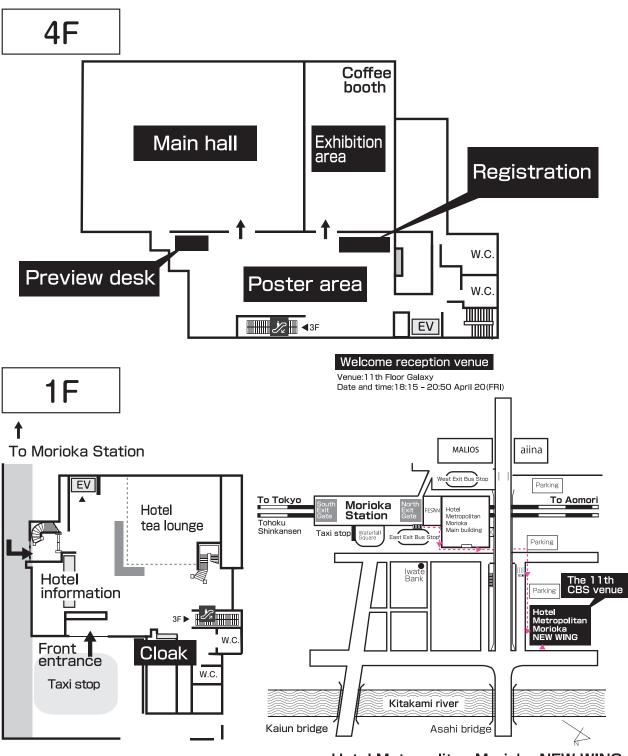


PROGRAM AT A GLANCE

TIME	APRIL 19 (THU)		APRIL 20 (FRI)	APRIL 21 (SAT)	
8:00 _			Registration		
9:00 —			Opening Ceremony		
9.00			Symposium 1	Symposium 4	
 11:00		[
-			Break	Break	
 12:00 —			Plenary Lecture 1	Plenary Lecture 2	
- - 13:00 —			Industry Workshop 1 (Luncheon)	Industry Workshop 2 (Luncheon)	
- - - 14:00 —		Site Tour	Poster Session	Industry Session	
15:00				Symposium 2	Symposium 5
16:00 —			Break	Closing Ceremony	
17:00	Board Meeting		Symposium 3		
18:00 -		-			
- - - - - - - - - - - - - - - - - - -	Invited Dinner		Welcome Reception		

VENUE LAYOUT Hotel Metropolitan Morioka NEW WING





Hotel Metropolitan Morioka NEW WING 2–27,Morioka Ekimae Kitadori, Morioka city, Iwate zip 020–0033, Japan TEL:019–625–1211 FAX:019–625–1210



DAILY PROGRAM | April 20, Friday

08:50-09:00	Opening Ceremony		
09:00-11:00	Symposium 1		
	Current Status of Laboratory Automation Systems Chairs: Kyoko TAKEDA, St. Luke's International Hospital, Japan Hwan Sub LIM, Seoul Medical Science Institute, Korea		
09:00-09:25	SY1-1 Laboratory automation: Important considerations for maximum operational value Sunil SETHI, Department of Laboratory Medicine, National University Hospital, Singapore.		
09:25-09:50	SY1-2 Laboratory automation systems in Australia - a bridge over the next two decades Graeme CARTER, Australian Clinical Labs, Australia		
09:50-10:10	SY1-3 Integrated laboratory automation system improves hospital quality and patient safety demonstrating performance of our hospital in Japan. Yuki ODACHI, Chizumi FUKAZAWA, Kyoko TAKEDA, St. Luke's International Hospital, Japan		
10:10-10:35	SY1-4 Laboratory automation systems in Korea - for improving clinical effectiveness and patient outcomes - Yeo-Min YUN, Konkuk University School of Medicine and Medical Center, Korea		
10:35-11:00	SY1-5 Present and future of fully automated hematology and urinalysis in China Wei CUI, Cancer Hospital, Chinese Academy of Medical Sciences, China		
11:00-11:15	Break		
11:15-12:15	Plenary Lecture 1		
	Chair: Sail CHUN, University of Ulsan, Korea		
	PL-1 IBM Watson Health – cognitive computing & healthcare Toshifumi MIZOKAMI, IBM Japan, Japan		
12:15-13:15	Industry Workshop 1 (Luncheon)		
	Chair: Teruto HASHIGUCHI, Kagoshima University, Japan		

IW-1 Experimental fusion of different versions of the total laboratory automation system and improvement of laboratory turnaround time <u>Hee-Jung CHUNG</u>¹, Yoon Kyung SONG², Sang-Hyun HWANG³, Do Hoon LEE², Tetsuro SUGIURA^{4,5} ¹Department of Laboratory Medicine, Konkuk University Medical Center, Korea; ²Department of Laboratory Medicine, National Cancer Center, Korea; ³Department of Laboratory Medicine, Asan Medical Center, University of Ulsan College of Medicine, Korea; ⁴Department of

Center, Korea; "Department of Laboratory Medicine, Asan Medical Center, University of Ulsan College of Medicine, Korea; "Department o Laboratory Medicine, Kochi Medical School, Kochi University, Japan; ⁵Department of Clinical Laboratory, Tosa Municipal Hospital, Japan

13:15-14:00 Poster Session

April 20, Friday | DAILY PROGRAM



14:00-16:00	Symposium 2
	Application of MS on Laboratory Medicine - Recent Advances in Microbiological Testing - Chairs: Katsunori YANAGIHARA, Nagasaki University, Japan Junghan SONG, Seoul National University, Korea
14:00-14:20	SY2-1 Recent and future development of mass spectrometry for diagnosis of infectious diseases Ken KIKUCHI, Department of Infectious Diseases, Tokyo Women's Medical University, Japan
14:20-14:45	SY2-2 Microbiology automation: using technology to increase productivity, decrease turnaround time, and improve patient care Terri RIDDLE, Global Marketing, Beckman Coulter Microbiology, USA
14:45-15:10	SY2-3 Clinical application of mass spectrometry for microbial identification Jeong Hwan SHIN, Department of Laboratory Medicine, Inje University College of Medicine, Korea
15:10-15:35	SY2-4 Powering comprehensive multiparameter protein analysis by using CyTOF [®] mass cytometry Sebastian RODRIGUEZ, Fluidigm KK, Japan
15:35-16:00	SY2-5 Optimize medical treatment by Verigene System, multiplex molecular test Jennifer Dien BARD, Clinical Microbiology and Virology Laboratory, Children's Hospital Los Angeles Clinical Pathology, Keck School of Medicine of USC, USA
16:00-16:15	Break
16:15-18:15	Symposium 3
16:15-18:15	Symposium 3 What do Al and IoT Bring Us? Chairs: Hyosoon PARK, Sungkyunkwan University, Korea Yukio OZAKI, Fuefuki Central Hospital, Japan
16:15-18:15 16:15-16:45	What do Al and IoT Bring Us? Chairs: Hyosoon PARK, Sungkyunkwan University, Korea
	 What do Al and IoT Bring Us? Chairs: Hyosoon PARK, Sungkyunkwan University, Korea Yukio OZAKI, Fuefuki Central Hospital, Japan SY3-1 How do big data change laboratory medicine? our approach using the automated hematology analyzer <u>Akiko MASUDA</u>^{1, 2}, Hiromi KATAOKA³, Hajimu KAWAKAMI⁴, Hironori SHIMOSAKA², Masahiro JONA², Shinichiro YOKOTA⁵, Yutal YATOMI² ¹Division of Clinical Laboratory, Mitsui Memorial Hospital; ²Department of Clinical Laboratory, The University of Tokyo Hospital; ³Faculty of Health Science and Technology, Kawasaki University of Medical Welfare; ⁴Scientific Research, Sysmex Corporation;
16:15-16:45	 What do Al and IoT Bring Us? Chairs: Hyosoon PARK, Sungkyunkwan University, Korea Yukio OZAKI, Fuefuki Central Hospital, Japan SY3-1 How do big data change laboratory medicine? our approach using the automated hematology analyzer <u>Akiko MASUDA^{1, 2}</u>, Hiromi KATAOKA³, Hajimu KAWAKAMI⁴, Hironori SHIMOSAKA², Masahiro JONA², Shinichiro YOKOTA⁵, Yutak YATOMI² ¹Division of Clinical Laboratory, Mitsui Memorial Hospital; ²Department of Clinical Laboratory, The University of Tokyo Hospital; ³Faculty of Health Science and Technology, Kawasaki University of Medical Welfare; ⁴Scientific Research, Sysmex Corporation; ⁵Department of Healthcare Information Management, The University of Tokyo Hospital, Japan SY3-2 Changes in laboratory management by internet plus
16:15-16:45	 What do Al and IoT Bring Us? Chairs: Hyosoon PARK, Sungkyunkwan University, Korea Yukio OZAKI, Fuefuki Central Hospital, Japan SY3-1 How do big data change laboratory medicine? our approach using the automated hematology analyzer Akiko MASUDA^{1, 2}, Hiromi KATAOKA³, Hajimu KAWAKAMI⁴, Hironori SHIMOSAKA², Masahiro JONA², Shinichiro YOKOTA⁵, Yutak YATOMI² ¹Division of Clinical Laboratory, Mitsui Memorial Hospital; ²Department of Clinical Laboratory, The University of Tokyo Hospital; ³Faculty of Health Science and Technology, Kawasaki University of Medical Welfare; ⁴Scientific Research, Sysmex Corporation; ⁵Department of Healthcare Information Management, The University of Tokyo Hospital, Japan SY3-2 Changes in laboratory management by internet plus Yongmei JIANG, Xiaojuan LIU, Medical laboratory, West China Second University Hospital, Sichuan University, China SY3-3 Al-guided precision medicine approach to blood cancers



DAILY PROGRAM | April 21, Saturday

09:00-11:00	Symposium 4			
	Chairs: N	tory Automation in Molecular Genetic Testing and Its Assurance Iasato MAEKAWA, Hamamatsu University, Japan Joung Kyung LEE, Hallym University, Korea		
09:00-09:30	SY4-1	Current status in genetic testing using NGS Woochang LEE, University of Ulsan College of Medicine and Asan Medical Center, Korea		
09:30-10:00	SY4-2	Progress of automation in molecular testing Mah Sam YEW, Roche Diagnostics Asia Pacific Pte Ltd, Singapore		
10:00-10:30	SY4-3	"PleSSision"; a pathologist edited multigene genomic test promotes cancer precision medicine Hiroshi NISHIHARA, Keio Cancer Center, Genomics Unit, Keio University School of Medicine, Japan		
10:30-11:00	SY4-4	International efforts for quality assurance in molecular-genetic testing Hayato MIYACHI, Department of Laboratory Medicine, Tokai University School of Medicine, Japan		
11:00-11:15	Break			
11:15-12:15	Plenary Lecture 2			
	Chair: Akira SUWABE, Iwate Medical University, Japan			
	PL-2	Tohoku Medical Megabank Project: current status and future directions Makoto SASAKI, Institute for Biomedical Sciences, Iwate Medical University, Japan		
12:15-13:15	Industry Workshop 2 (Luncheon)			
	Chair: Hi	rotaka MATSUI, Kumamoto University, Japan		
	IW-2	Specimen management system by RFID technology Shigeyuki MORIKAWA, International Business Department, Techno Medica Co., Ltd. Japan		
13:15-14:00	Industry Session			
		ongchon KANG, Kyushu University, Japan yunichi ISHII, Fujita Health University, Japan		
13:15-13:30	IS-1	Experience the power of the Atellica [®] Solution, advanced diagnostics analyzers from Siemens Healthineers Kon GRYLLAKIS, Regional Business Leader, Laboratory Diagnostics, Asia Pacific, Siemens Healthcare, Japan		
13:30-13:45	IS-2	Roche APAC laboratory benchmarking survey Mah Sam YEW, Roche Diagnostics Asia Pacific Pte Ltd, Singapore		
13:45-14:00	IS-3	Value expansion for testing laboratory in the future Gaku SAITO, Marketing Manager, Professional Service, Abbott Diagnostics, Abbott Japan, Japan		

April 21, Saturday | DAILY PROGRAM



14:00-16:00	Symposium 5
	What does Ultimate Laboratory Automation Bring Us? Chairs: Won-Ki MIN, University of Ulsan, Korea Teturo SUGIURA, Tosa Municipal Hospital, Japan
14:00-14:45	Key Note Lecture Connecting the laboratory to the whole healthcare team Patricia M. JONES, University of Texas Southwestern Medical Center; Children's Medical Center Dallas, USA
14:45-15:10	SY5-1 Progress in laboratory automation in the university hospital Yoshihisa MATSUMURA, Tetsuro SUGIURA, Department of Laboratory Medicine, Kochi Medical School, Kochi University, Japan
15:10-15:35	SY5-2 Progress in laboratory automation in the large-scale registered clinical laboratory Tsuyoshi TATSUNO, Operation Department Specimen Pretreatment Group, SRL Inc., Japan
15:35-16:00	SY5-3 Reducing waiting time for laboratory analytical report of Phranangklao Hospital Jariya PHADUNGPATTANODOM, Pranangklao Hospital, Thailand
16:00-16:30	Closing Ceremony



P-01	Influence of population selection on the 99th percentile reference value for a novel high-sensitivity cardiac troponin I assay
	Fumihiko KITAGAWA ¹ , Atsuhiro KUNO ¹ , Kazuhiro NAKAMURA ¹ , Jun TAKEDA ¹ , Midori SAITO ¹ , Takashi FUJITA ¹ , Takashi ISHIKAWA ¹ ,
	Hiroyuki NARUSE ^{1,2} , Junnichi ISHII ^{1,2}
	¹ Department of Joint Research Laboratory of Clinical Medicine, Fujita Health University Hospital; ² Department of Joint Research Laboratory of Clinical Medicine, Fujita Health University School of Medicine, Japan
P-02	Prognostic value of serum concentration of oxidized lipoprotein(a) for cardiovascular event in patients with coronary artery disease
	<u>Atsuhiro KUNO</u> ¹ , Fumihiko KITAGAWA ¹ , Kazuhiro NAKAMURA ¹ , Jun TAKEDA ¹ , Midori SAITO ¹ , Takashi FUJITA ¹ , Takashi ISHIKAWA ¹ , Hiroyuki NARUSE ^{1,2} , Junnichi ISHII ^{1,2}
	¹ Department of Joint Research Laboratory of Clinical Medicine, Fujita Health University Hospital;
	² Department of Joint Research Laboratory of Clinical Medicine, Fujita Health University School of Medicine, Japan
P-03	Protein S-specific activity as an indicator for thrombophilia
	<u>Naotaka HAMASAKI,</u> Xiuri JIN, Tomohide TSUDA Department of Clinical Chemistry and Laboratory Medicine, Kyushu University School of Medicine, and Shino-Test Corporation, Japan
	Department of Ginneal Gnemistry and Laboratory medicine, Rydshu Gniversity School of Medicine, and Shino-rest Corporation, Japan
P-04	The effect of lead toxicity in early brain development in industrial region of eastern Nepal
	Mehta KD ¹ ,Jha P ¹ ,Das BKL ¹ ,Sherchand O ¹ , Deo B ² , Poudel P ³ , <u>Baral NIRMAL¹</u> Department of Biochemistry ¹ , Psychiatry ² and Pediatrics ³ , B.P. Koirala Institute of Health Sciences, Nepal
	Department of biochemistry , Esychiatry and Pediatrics , b.r. Kuiraia institute of Health Sciences, Nepar
P-05	Laboratory automation of NMR-based metabolomics tests for diagnosis of human diseases
	Ching-Wan LAM The University of Hong Kong, Hong Kong
	The University of Hong Kong, Hong Kong
P-06	Evaluation of the Triage TOX Drug Screen assay for detection of 11 drugs of abuse and therapeutic drugs
	Yongwha LEE Saanahunburaa Ulaborathi Burahaan Ulaanital Saanahunburaa Ulaborathi Callaga of Madiaina. Karaa
	Soonchunhyang University Bucheon Hospital, Soonchunhyang University College of Medicine, Korea
P-07	Quality control for automated mass spectrometry microbial identification system
	<u>Rika FUKUSHIMA</u> 1, Masanori OHKUMA1, Keiichi YAMAMOTO1, Hirotaka MATSUI ^{1,2} ¹ Department of Clinical Laboratory Medicine, Kumamoto University Hospital, Kumamoto University;
	² Department of Clinical Laboratory Medicine, Kumamoto University Hospital, Kumamoto University; ² Department of Molecular Laboratory Medicine, Faculty of Life Sciences, Kumamoto University, Japan
P-08	Manual versus automated streaking system in clinical microbiology laboratory: performance evaluation of Previ Isola in blood
	culture and body fluid samples
	Qute CHOI, Sun Hoe KOO, Gye Cheol KWON
	Department of Laboratory Medicine, Chungnam National University College of Medicine, Korea
P-09	The evaluation and analysis of APTT cross mixing test in Kagoshima University Hospital
	Masatosi NAKAMURA ¹ , Emi MIYAUCHI ¹ , Mayumi TANIGUCHI ¹ , Mako JINGUJI ¹ , Yuki OBAMA ¹ , Masakaze MATSUSHITA ¹ , Tomohisa TAKENOSHITA ¹ ,
	Kanako SATO ¹ , Izumi MASAMOTO ¹ , Takashi ITO ³ , Kazunori TAKENOUCHI ^{1,2} , Munekazu YAMAKUCHI ^{1,2} , Teruto HASHIGUCHI ^{1,2} ¹ Department of Laboratory Medicine, Kagoshima University Hospital;
	² Department of Laboratory inedicine, Ragoshima University Hospital,
	³ Department of Hospital Emergency and Critical Care Medicine, Kagoshima University Hospital, Japan
P-10	Platelet distribution width from two automated hematology analysers: a correlation analysis
	Young Kyung LEE, Eunyup LEE, Han-Sung KIM, Hee Jung KANG, Miyoung KIM
	Department of Laboratory Medicine, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Korea
P-11	Evaluation of the Sysmex HISCL analyzer for the serum M2BPGi test used for diagnosis and monitoring of liver fibrosis and the
	correlation of M2BPGi with HbA1c
	Young Ju OH, Suk Jung LEE
	Green Cross Laboratories, Korea



P-12	Quality control strategy for clinical chemistry laboratories using Multiple Instruments for each measurand Eun Jin LEE, Sang-Hee LEE, Hoon HONG, Eun Sook SHIN, <u>Won-kyu CHOI</u> , Woochang LEE, Sail CHUN, Won-Ki MIN Asan Medical Center, University of Ulsan, College of Medicine, Korea
P-13	Performance evaluation of QIAGEN's new NGS platform GeneReader and BRCA 1/2 panel Eun Jin LEE, <u>Eun Sook SHIN</u> , Sang-Hee LEE, Hoon HONG, Won-kyu CHOI, Woochang LEE, Sail CHUN, Won-Ki MIN Asan Medical Center, University of Ulsan, College of Medicine, Korea
P-14	Comparison of safety and adhesiveness of four different medical adhesive tapes applicable for continuous glucose monitoring system Hue Joon LEE', Jung-Ah KIM', Young Soon JUNG ² , <u>Young Joo CHA^{1,2,3}</u> ¹ Department of Laboratory Medicine, Chung-Ang University Hospital; ² Biomedical Research Institute, Chung-Ang University Hospital; ³ Department of Laboratory Medicine, Chung-Ang University College of Medicine, Korea
P-15	Performance evaluation of two automated PIVKA II immunoassays in clinical samples Boyeon KIM, Younhee PARK, <u>Hyon-Suk KIM</u> Department of Laboratory Medicine, Yonsei University College of Medicine, Korea
P-16	Effect of blood sample tube change on turnaround time (TAT) <u>Hansol LEE</u> , Minsoon PARK, Sun Min LEE Department of Laboratory Medicine, Pusan National University Yangsan Hospital, Korea
P-17	Evaluation of the potential vulnerabilities of the new Sysmex web service for clinical laboratories and its countermeasures Norio KOWATA, <u>Hiroshi IWATA</u> , Yasufumi FUJITA, Hidekazu SASAKI ICT Technology, Engineering 2, Sysmex Corporation, Japan
P-18	High levels of procalcitonin in a case of pulmonary neuroendocrine tumor <u>Masamichi ITOGA</u> , Yoshihito TANAKA, Hisashi TANAKA, Yoshiko ISHIOKA, Kageaki TAIMA, Norihiro SAITO, Sadatomo TASAKA, Hiroyuki KAYABA Hirosaki University Graduate School of Medicine, Japan
P-19	Evaluation of the efficacy of various reagents for improving micro RNA extraction and their applicability to an automated nucleic acid extraction system <u>Arizumi KIKUCHI</u> ¹ , Takahiro SAWAMURA ¹ , Kenichi NONAKA ² ¹ Daiyukai Research Institute for Medical Science; ² Daiyukai General Hospital, Japan
P-20	Rapid diagnosis and prompt treatment of mixed phenotype acute leukemia after identifying a histogram abnormality of an automatic blood cell analyzer Rie SAITO ¹ , Hisayuki YOKOYAMA ² , Kuniaki MEGURO ² , Hideaki HITOMI ³ , Yusuke OHBA ¹ , Yoshihiko IZUMI ¹ , <u>Shinichiro TAKAHASHI^{1, 4}</u> ¹ Department of Clinical Laboratory, Tohoku Medical and Pharmaceutical University Hospital; ² Department of Hermatology, National Hospital Organization Sendai Medical Center; ³ Division of General Medicine, Tohoku Medical and Pharmaceutical University Hospital; ⁴ Division of Laboratory Medicine, Faculty of Medicine, Tohoku Medical and Pharmaceutical University, Japan
P-21	Connection between specimen transportation system and analyzer by robot <u>Toshiki SATO</u> ¹ , Atsushi KUMAGAI ¹ , Yuichiro OHMAE ² ¹ Software Technology Engineering 2, Sysmex Corporation; ² Hardware Technology Engineering 2, Sysmex Corporation, Japan
P-22	Introduction of SNCS/eQAPi: Sysmex's ISO/IEC 17043 accredited EQA programs Yasushi HASUI, Minoru TAKAYANAGI, Etsuko HAMASU, Tetsuya MAKINO, Masako KOGUCHI Scientific Marketing, Scientific Affairs, Sysmex Corporation, Japan



P-23	Evaluation of LOCI technology-based thyroid blood tests: comparisons with the ECLIA and LC/MS/MS methods <u>Yusuke HANZAWA</u> ¹ , Sayuri ENDO ¹ , Hiromi KANEKO ^{1, 2} , Yuko ITO ^{1, 2} , Yoshikazu SASAKI ¹ , Yukio YAMADERA ¹ , Hiroki SHIMURA ^{1, 2} Division of Clinical Laboratory ¹ and Department of Laboratory Medicine ² , Fukushima Medical University, Japan
P-24	What are the differences between dysmorphic type RBC and isomorphic type RBC in the information about urinary erythrocyte morphology acquired by an autoanalyzer?
	<u>Tomoji YUNO</u> , Takahiro MATUMURA, Yutaka TAKINO, Hiroshi SHIBATA Department of Medical Technology and Clinical Engineering, Faculty of Health and Medical Sciences, Hokuriku University, Japan
P-25	Development and usefulness of full-automated urinalysis system using a urine aliquot processor Yoshifumi MORITA, Kenichi SHUKUYA, Masami TANAKA, Takashi HISASUE, Megumi SATO, Shinji SONE, Makoto KURANO, Yutaka YATOMI Department of Clinical Laboratory, The University of Tokyo Hospital, Japan
P-26	Importance of JLAC10 governance in the national medical big data project, MID-NET <u>Taeko HOTTA</u> ¹ , Dongchon KANG ² ¹ Department of Clinical Chemistry and Laboratory of Medicine, Kyushu University Hospital; ² Department of Clinical Chemistry and Laboratory of Medicine, Kyushu University Graduate School of Medical Sciences, Japan
P-27	Inhibitory effects of protease inhibitors on the false elevation in presepsin measurement by shaking test samples <u>Yurino UEGAKI</u> ¹ , Takehiro OBARA ¹ , Mika OTOBE ¹ , Yoshie KIKUCHI ¹ , Kazushi TOYOMAKI ¹ , Akira SUWABE ² ¹ Division of Central Clinical Laboratory, Iwate Medical University Hospital; ² Department of Laboratory Medicine, Iwate Medical University School of Medicine, Japan
P-28	LIS interface and management program for quality control in LC-MS/MS Yeo-Min YUN ¹ , Sang-Gyeu CHOI ² , Mikyoung PARK ² , Hanah KIM ² , Hee-Won MOON ¹ , Mina HUR ¹ ¹ Department of Laboratory Medicine, Konkuk University School of Medicine; ² Department of Laboratory Medicine, Konkuk University Medical Center, Korea
P-29	Plasma and urine neutrophil gelatinase-associated lipocalin for the detection of acute kidney injury: the diagnostic usefulness of simultaneous measurements <u>Yeo-Min YUN</u> ¹ , Ahram Y ² , Seon-Hyeon SHIN ² , Hanah KIM ² , Hee-Won MOON ¹ , Mina HUR ¹ ¹ Department of Laboratory Medicine, Konkuk University School of Medicine; ² Department of Laboratory Medicine, Konkuk University Medical Center, Korea
P-30	Lower sensitivity resulting from IAT for red-cell antibody screening using gel-column method comparing standard tube method (PEG-IAT) <u>Shou ODAWARA</u> ¹ , Yukako INOUE ¹ , Tomomi CHIDA ¹ , Youko SOTOKAWA ¹ , Mihoko FUTONO ¹ , Junko TAKADATE ¹ , Keijiro SUZUKI ² , Akira SUWABE ² ¹ Division of Central Clinical Laboratory, Iwate Medical University Hospital; ² Department of Laboratory Medicine, Iwate Medical University School of Medicine, Japan
P-31	Elevated plasma levels of soluble (pro)renin receptor in male and female patients with obstructive sleep apnea syndrome in parallel with the disease severity <u>Tsuguo NISHIJIMA</u> ¹ , Kazuki TAJIMA ² , Yoshihiro YAMASHIRO ¹ , Keisuke HOSOKAWA ¹ , Akira SUWABE ⁹ , Kazuhiro TAKAHASHI ² , Shigeru SAKURAI ¹ ¹ Division of Behavioral Sleep Medicine, Iwate Medical University School of Medicine; ² Department of Endocrinology and Applied Medical Science, Tohoku University Graduate School of Medicine; ³ Department of Laboratory Medicine, Iwate Medical University School of Medicine, Japan
P-32	Hardships in renewal of clinical laboratory automation <u>Etsuko HAMADA</u> , Masato MAEKAWA Department of Laboratory Medicine, Hamamatsu University School of Medicine, Japan
P-33	Experimental study of Duffy antigen-binding chemokines in red blood cells <u>Shu OGASAWARA</u> ¹ , Tomomi AKASAKI ¹ , Norihiro SAITO ² , Hiroyuki KAYABA ² ¹ Clinical Laboratory, Hirosaki University Hospital; ² Department of Clinical Laboratory Medicine, Hirosaki University Graduate School of Medicine, Japan



P-34	Development of new rapid fluorescence-lateral flow immunoassay for the detection of hepatitis B surface antigen, hepatitis B surface antibody, and hepatitis C antibody Ji Hyeong RYU ^{1,2} , Minsuk KWON ³ , Joung-Dae MOON ³ , Min-Woong HWANG ³ , Jeong-Min LEE ³ , Ki-Hyun PARK ¹ , So Jeong YUN ¹ , Hyun Joo BAE ¹ , Aeran CHOl ² , Hyeyoung LEE ^{2,4} , Bongsu JUNG ⁵ , Juhee JEONG ⁵ , Kyungja HAN ² , Yonggoo KIM ² , <u>Eun-Jee OH²</u> ¹ Department of Molecular & Cell Biology, Graduate School, the Catholic University of Korea;			
	² Department of Laboratory Medicine, College of Medicine, Seoul St. Mary's hospital, the Catholic University of Korea; ³ Central Lab, R&D Center BODITECH MED; ⁴ SamKwang Medical Laboratories;			
	⁵ Department of Biomedical Science, Daegu-Gyeongbuk Medical Innovation Foundation, Korea			
P-35	Comparison of performance analysis between Immulite 2000 and ImmunoCAP systems for allergen-specific IgE quantification			
	<u>Jinyoung YANG</u> , Hyejin RYU, Hyeyoung LEE, Aeran CHOI, Kihyeon PARK, Jihyeong RYU, Jihyang LIM, Eun-Jee OH Department of Laboratory Medicine, College of Medicine, The Catholic University of Korea, Korea			
P-36	Comparison of signal-to-cutoff ratio from Elecsys and Siemens anti-HCV assays in predicting hepatitis C viremia			
	<u>Seung-Hyo YOO</u> , Aeran CHOI, Kyung-Ho CHA, Yonggoo KIM, Eun-Jee OH Department of Laboratory Medicine, College of Medicine, Seoul St. Mary's hospital, the Catholic University of Korea, Korea			
P-37	Comparison of three commercially available allergy screening tests for the clinically important allergens in Korea			
	<u>Hyunyong HWANG</u> , Hyunji CHOI Department of Laboratory Medicine, Kosin University Gospel Hospital, Korea			
P-38	MCP-1 stored in RBC and plasma in healthy volunteers and patients with arteriosclerosis			
	<u>Tomomi AKASAKI¹, Norihiro SAITO², Shu OGASAWARA¹, Keio ISHIOKA³, Satoko MINAKAWA⁴. Teruko TAKEO⁵, Hiroyuki KAYABA² ¹Clinical Laboratory, Hirosaki University Hospital;</u>			
	² Department of Clinical Laboratory Medicine, Hirosaki University Graduate School of Medicine;			
	³ Department of Dermatology, Hirosaki University Graduate School of Medicine; ⁴ Department of Respiratory Medicine, Hirosaki University Graduate School of Medicine;			
	Department of Respiratory Medicine, Hirosaki University Graduate Scribor of Medicine; ⁵ Department of Bioscience and Laboratory Medicine Hirosaki University Graduate School of Health Sciences, Japan			
P-39	Performance evaluation and clinical usefulness of alpha-fetoprotein test measured on Sysmex HISCL-5000			
	Jaewan JUNG, <u>Hyung-Doo PARK</u> Department of Laboratory Medicine & Genetics, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea			
P-40	Clinical usefulness of the molecular epidemiological analysis of Acinetobacter spp. using the PCR based phage open reading			
	frame typing method			
	Suguru HIRAMOTO ¹ , Hiroki MACHIDA ¹ , Itsumi SUDA ¹ , Rumi OKAZAKI ¹ , Miki TAKAHASHI ¹ , Tetsuo MACHIDA ¹ , Haruyoshi TOMITA ² , Masami MURAKAMI ^{1,3} ¹ Clinical Laboratory Center, Gunma University Hospital;			
	² Department of Bacteriology, Gunma University Graduate School of Medicine; ³ Department of Clinical Laboratory Medicine, Gunma University Graduate School of Medicine, Japan			
P-41	Selective screening for 3 lysosomal storage disorders using triplex tandem mass spectrometry assays in high-risk populations of Korea			
	Sung-Eun CHO ¹ , Su-Min KIM ¹ , Joung Ryull KWAK ¹ , Dong Hee SEO ¹ , Junghan SONG ^{2,3}			
	¹ LabGenomics Clinical Laboratories;			
	² Department of Laboratory Medicine, Seoul National University College of Medicine; ³ Department of Laboratory Medicine, Seoul National University Bundang Hospital, Korea			
P-42	Tobacco exposure modulates pro-(IL-12) and anti-(IL-10) gene expression and affects the survival of prostate carcinoma patients			
	Shailendra DWIVEDI ¹ , Apul GOEL ³ , Sanjay KHATTRI ² , Anil MANDHANI ⁴ , Sanjeev MISRA ⁵ , Kamlesh Kumar PANT ² , <u>Praveen SHARMA¹</u> ¹ Department of Biochemistry, All India Institute of Medical Sciences (AIIMS); ³ Department of Urology, King George Medical University (KGMU); ² Department of Pharmacology and Therapeutics, King George Medical University (KGMU); ⁴ Department of Urology, Sanjay Gandhi Post Graduate Institute of Medical Sciences; ⁵ Department of Surgical Oncology, All India Institute of Medical Sciences (AIIMS), India			
P-43	Evaluation of serum zinc concentration using protein fraction waveform data			
	Taisuke HISAHARA ¹ , Hiromi KATAOKA ² , Shigeo YAMANAKA ¹ , Mikio KAMIOKA ^{1,3} , Tetsuro SUGIURA ³ , Yoshihisa MATSUMURA ^{1,3}			
	¹ Department of Clinical Laboratory, Kochi Medical School Hospital; ² Department of Medical Technology, Faculty of Health Science and Technology, Kawasaki University of Medical Welfare;			
	³ Department of Laboratory Medicine, Kochi Medical School, Japan			



GENERAL INFORMATION

Hours of Operation

	April 19 (THU)	April 20 (FRI)	April 21 (SAT)
Registration Desk 4F	16:00-18:00	07:30-18:00	07:30-15:30
Speaker Preview Desk 4F		07:30-18:00	07:30-15:30

Registration

On-site Registration

Students	JPY 7,500
Medical Technologists	JPY 15,000
Other Attendants	JPY 30,000
Accompanying Person	JPY 2,000

-Japanese Yen, cash only.

-The above registration fees include a program-abstract book, all symposium activities, exhibition and coffee breaks.

-Exception Accompanying Person Fees include only reception and exhibition.

-Name Badges Name badges are required for admission to all sessions, exhibition hall, lunches and welcome reception.

Pre-registration

-Pre-registrants submit a certificate at the time of registration to the reception and pay the participation fee. -Pre-registrants, who payed the fee already, submit the certificate and receive the name card.

Official Language

The official language of CBS 2018 is English. The translation is basically from English to Japanese.

Presentation Guideline

Symposium & Plenary Lecture

-The Organizing Committee will operate a preview desk for presenters to check their presentation material.

-PC will be provided with Windows 10 and Microsoft 2016 for presentations.

-It is possible to bring you own laptop. In the case, we ask that you test your laptop with the monitor located in the session desk 2 hours before the session begins in order to avoid delays.

-If you use a Mackintosh for the presentation, please bring the gender (cable) and test it in the session desk before your presentation.

GENERAL INFORMATION

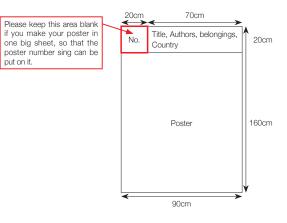


Poster Presentation

-All presenters are requested to affix and remove posters on the appropriate dates and times as indicated below.

-At least one of the authors is required to be in front of their poster at 13:15-14:00 on April 20 (Fri) to answer any question by participants.

Place	4th Floor Foyer
Poster Set UP	April 20 (FRI), 07:30 - 09:30
Poster Dismantling	April 21 (SAT), 16:15 - 16:45
Poster Presentation	April 20 (FRI), 13:15 - 14:00



Poster Award

-The CBS 2018 Organizing Committee is pleased to offer the Best Poster Award, Poster Award and Travel Award as part of its efforts to honor outstanding scientific performance and achievements. The qualified persons will receive a certificate and grant.

-Award presentations will be held during the Welcome Reception on April 20 (Fri) from 18:30-21:00.

Kinds of awards	Number	Prize
-Best poster award	2-3	¥50,000
-Poster award	3-5	¥30,000
-Travel award (only for foreigners)	3-5	¥30,000-¥50,000
-Special awards	uncertain	uncertain

Official & Social Programs

OPENING CEREMONY

08:50 - 09:00 April 20 (FRI), 4th Floor Metro Hall

WELCOME RECEPTION

18:30 - 21:00 April 20 (FRI), 11th Floor Galaxy

Participation fee: 2,000 JPN per person (Please pay at the registration counter. Cash only) *The authors of the poster presentation are invited without paying the fee.

Opening: Morioka SANSA Dancing

Poster Award Ceremony

Event: WANKO SOBA Competition

CLOSING CEREMONY

16:00 - 16:30 April 21 (SAT), 4th Floor Metro Hall

At the end of CBS2018, we promise to meet again at next conference.



GENERAL INFORMATION

Site Tour

Date & Time			
Course	Hotel 🕨 World Heritage Site	Hotel 🕨 World Heritage Site Chūson-ji Temple 🕨 Industrial park 🕨 Hotel	
Itinerary	April 19 (Thu) 11:00-12:30	Hotel to World Heritage Site Chūson-ji Temple	
	12:30-13:30	World Heritage Site Chūson-ji Temple	
	14:10-15:10	Industrial park	
	15:10-16:30	to Hotel	
Participation Fee	2,000 JPY per person		

Coffee Break & Lunch

-Coffee will be served in the 4F lobby during breaks.

-Lunch will be provided on April 20 – 21 through Industry Workshops with lunchboxes.

Certificate of Attendance

-Certificates of attendance and receipts will be issued upon request at the registration counter.

Wireless Internet Access

-Wifi internet access will be available at the conference.

Useful Phone Numbers

-Police 110 -Fire and Ambulance 119 -Medical Emergency 119

Useful Travel Website

-Trip to lwate: http://www.japan-iwate.info/access/index.html -Highlights of Morioka City: http://www.city.morioka.iwate.jp/

After the Conference

Secretariat | Department of Laboratory Medicine, Iwate Medical University School of Medicine 19-1 Uchimaru, Morioka, 020-8505, Japan TEL : +81-19-651-5110 (EXT. 3249, 3250) FAX : +81-19-624-5030, +81-19-624-5038 e-mail : soc-cbs2018-office@iwate-med.ac.jp

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