

The Asia Young Analytical Chemist Session 2006 (AYACS 2006)
September 13-14, 2006 Chongqing, China
&
2006 China-Japan-Korea Symposium on Environmental Analytical Chemistry
September 14-18, 2006 Chongqing, China

PROGRAMME

AYACS

Organizers: The Japan Society for Analytical Chemistry, Young Analytical Chemist Network, The Japan Society for Analytical Chemistry (YACN/JSAC)
Sponsors: The Japan Society for Analytical Chemistry, The National Natural Science Foundation of China,
Date: September 13-14, 2006

CJK Symposium

Organizers: Southwest University
Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences
The Discussion group for Gas Chromatography, The Japan Society for Analytical Chemistry
Sponsors: The National Natural Science Foundation of China, Chinese Academy of Sciences, The Japan Society for Analytical Chemistry,
Shimadzu International Trading (Shanghai) Co., Limited and Japan New Energy & Industrial Technology Development Organization (NEDO)
Date: September 14-18, 2006

Place: **Guiyuan Hotel**, Southwest University, Beibei, Chongqing, China

Registrations: 13th 9:00-19:00 pickup service at Airport, 9:00-20:00 at Hall of Guiyuan Hotel
14th 9:00-19:00 pickup service at Airport, 9:00-20:00 at Hall of Guiyuan Hotel

14th, September, Thursday, Morning, The Asia Young Analytical Chemist Session 2006 (AYACS 2006)

(Academic Exchange Center, Guiyuan Hotel)

Session	No.	Time	Contributor	Title	Chair	
		07:00-08:00	Breakfast (Guiyuan Hotel)			
		08:10-08:20	Opening Remarks: Introduction of YACN/JSAC and AYACS by Takahisa Tsugoshi			
	O-1	08:20-08:30	Takahisa Tsugoshi	Applications of IAMS for Pyrolyzed Gaseous Species	Man-Ho Choi, Yi Lv	
	O-2	08:30-08:40	Akhmad Sabarudin	Sequential-injection on-line injection preconcentration using chitosan resin functionalized with 2-amino-5-hydroxy benzoic acid for the determination of trace elements in environmental water samples by inductively coupled plasma-atomic emission spectrometry		
	O-3	08:40-08:50	Huawen Zhao	Applications of light scattering techniques in immunoassay		
	O-4	08:50-09:00	Waraporn Som-aum	Determination of Chromium (III) and total chromium using dual channels on glass chip with chemiluminescence detection		
	O-5	09:00-09:10	Lee Wah Lim	On-Line Precolumn Enrichment of Carcinogenic Polycyclic Aromatic Hydrocarbons (Pahs) in Microcolumn Liquid Chromatography		
	O-6	09:10-09:20	Bao-Yuan Guo	The study of the interactions between heavy metals with Sulfonylurea herbicides with capillary electrophoresis		
	O-7	09:20-09:30	Huzhi Zheng	Bioluminescence of cucumber for phytotoxicity estimation		
	O-8	09:30-09:40	Orawon Chailapakul	The sensitive electrochemical detection of Sudan I, Sudan II, Sudan III and Sudan IV at carbon nanotube-ion liquid gel modified electrode/glassy carbon with application to FIA and HPLC Amperometric detection		
		09:40-09:50	Coffee Break and Photopicture			
	O-9	09:50-10:00	Man-Ho Choi	Binding affinity of immobilized β -cyclodextrin with urinary steroids	Takahisa Tsugoshi, Jirasak Threeprom	
	O-10	10:00-10:10	Li Rong	Determination of Iodide in Seawater using C30 Column Modified with Polyoxyethylene Oleyl Ether in Ion Chromatography		
	O-11	10:10-10:20	Jirasak Threeprom	Separation of enantiomeric basic drugs by microemulsion electrokinetic chromatography using chiral 2-octanol as the oil core		
	O-12	10:20-10:30	Hongqun Luo	Simultaneous determination of chromium (III) and Cadmium (II) on a stannum film electrode		
	O-13	10:30-10:40	Kenichi Tanikawa	Sensitive Analysis of Agricultural Chemicals Residues for Positive List System by HPLC.		
	O-14	10:40-10:50	Hyunkook Park	Development of Soft Plasma Ionization Source for Analyzing of VOC's		
	O-15	10:50-11:00	Yi Lv	Simple and Sensitive determination of arsenic by volatile arsenic trichloride generation atomic fluorescence spectrometry		
		11:00-18:30	Poster Presentation (11:00-12:00 Introduction Core Time of Poster Presentation),			

		12:00-14:00	Lunch
		17:30-18-30	Core time of Poster Presentation with drinks
		18:30-21:00	Mixing dinner (Guiyuan Hotel)
Poster session of 2006-AYACS			
Poster specification: 80cm width x 110cm height			
No.	Contributor	Unit	Title
P-1	Takahisa Tsugoshi	National Metrology Institute of Japan, National Institute of Advanced Industrial Science and Technology, Japan	Applications of IAMS for Pyrolyzed Gaseous Species
P-2	Akhmad Sabarudin	Okayama University, Japan	Sequential-injection on-line injection preconcentration using chitosan resin functionalized with 2-amino-5-hydroxy benzoic acid for the determination of trace elements in environmental water samples by inductively coupled plasma-atomic emission spectrometry
P-3	Huawen Zhao	Third Military Medical University, China	Applications of light scattering techniques in immunoassay
P-4	Waraporn Som-aum	Mahidol University, Thailand	Determination of Chromium (III) and total chromium using dual channels on glass chip with chemiluminescence detection
P-5	Lee Wah Lim	Gifu University (Japan), Malaysia	On-Line Precolumn Enrichment of Carcinogenic Polycyclic Aromatic Hydrocarbons (Pahs) in Microcolumn Liquid Chromatography
P-6	Bao-Yuan Guo	Chinese Academy of Sciences, China	The study of the interactions between heavy metals with Sulfonylurea herbicides with capillary electrophoresis
P-7	Huzhi Zheng	Southwest University, China	Bioluminescence of cucumber for phytotoxicity estimation
P-8	Orawon Chailapakul	Chulalongkorn University, Thailand	The sensitive electrochemical detection of Sudan I, Sudan II, Sudan III and Sudan IV at carbon nanotube-ion liquid gel modified electrode/glassy carbon with application to FIA and HPLC Amperometric detection
P-9	Man-Ho Choi	Korea Institute of Science and Technology, Korea	Binding affinity of immobilized β -cyclodextrin with urinary steroids
P-10	Li Rong	Gifu University, Japan	Determination of Iodide in Seawater using C30 Column Modified with Polyoxyethylene Oleyl Ether in Ion Chromatography
P-11	Jirasak Threeprom	Tsinghua University, Beijing 100084, China and Mahasarakham University, Thailand	Separation of enantiomeric basic drugs by microemulsion electrokinetic chromatography using chiral 2-octanol as the oil core
P-12	Hongqun Luo	Southwest University, China	Simultaneous determination of chromium (III) and Cadmium (II) on a stannum film electrode

P-13	Kenichi Tanikawa	Hitachi High-technologies Co., Japan	Sensitive Analysis of Agricultural Chemicals Residues for Positive List System by HPLC.
P-14	Hyunkook Park	Tohoku University(Japan), Korea	Development of Soft Plasma Ionization Source for Analyzing of VOC's
P-15	Yi Lv	Sichuan University, China	Simple and Sensitive determination of arsenic by volatile arsenic trichloride generation atomic fluorescence spectrometry
T-1	Harumi Maruyama	Canon ANELVA Technologies Co., Japan	Rapid determination of PBDEs (Poly Brominated Diphenyl Ethers) without extraction and GC
T-2	Hidekazu Ota	The General Environmental Technos Co.,LTD. (KANSO TECHNOS), Japan	Reference material for nutrients in seawater (RMNS) on the seawater base

14th, September, Thursday, Afternoon, Workshop on Asia Environmental Pollutant and Analytical Chemistry

Special session of the 2006 China-Japan-Korea symposium

(Academic Exchange Center, Guiyuan Hotel)

Session	No.	Time	Contributor	Title	Chair
VIP Presentation	T-1	14:00-14:40	Xiaoquan Shan	Are heavy metals and hydrophobic organic chemicals preferentially adsorbed at different sites in soils?	Yoshihisa Tabata, Jin-Ming Lin,
	T-2	14:40-15:20	Toshiyuki Hobo	Recent Aspects of Standardization of Indoor Air Pollution Measurements in ISO and Japan	
	T-3	15:20-16:00	Dong-Sun Lee	Trends of analytical chemistry for environmental protection in Korea	
		16:00-16:15	Coffee Break		
Free talking and discussion	Free	16:15-17:15	Takumi Takasuga Volunteers	Discussion about the Asia environmental pollutant and analytical chemistry	Huashen Qiu, Qiankun Zhuang,
	T4	17:15-17:30	Yoshihisa Tabata	Closing mark speech	
		17:30-21:00	All attendees Join to AYACS Poster Presentation with Drinks and Mixing Dinner (Guiyuan Hotel)		

18:30-21:00 Academic discussion of CJK organizing committee (Jiangzhou 江舟渔港, Beibei)

15th September, Friday, Morning, 2006 China-Japan-Korea Symposium on Environmental Analytical Chemistry

(Academic Exchange Center, Guiyuan Hotel)

Session	No.	Time	Contributor	Title	Chair
		07:00-08:00		Breakfast	
		08:00-08:30		Opening Ceremony and Photopicture	
FIA	L-1	08:30-08:55	Shoji Motomizu	Flow-based analytical methods for gaseous air pollutants in the atmosphere	Xiaoquan Shan, Shoji Motomizu
	L-2	08:55-09:20	Jianhua Wang	The determination of trace metal species in various matrices after sequential injection sample clean-up with detection by atomic spectrometry	
	O-1	09:20-09:35	Xi Chen	Investigation of the photocatalytic degradation of organochlorine pesticides on TiO ₂ film.	
	O-2	09:35-09:50	Heyou Han	A novel method for the determination of lead (II) based on the interaction between lead and CdTe quantum dots	
	O-3	09:50-10:05	Zhiliang Jiang	A fluorescence quenching method for trace hypochlorite basing on the formation of rhodamine 6G association particles	
		10:05-10:20		Coffee Break	
LC and GC	L-3	10:20-10:45	Yukui Zhang, Lihua Zhang	Novel separation and detection methods for pollutant analysis	Makoto Nonomura, Xi Chen Jaeho Ha
	L-4	10:45-11:10	Makoto Nonomura	How Japan overcame air pollution of sulfur oxides	
	O-4	11:10-11:25	Libin Liu	Determination of particle-associated polycyclic aromatic hydrocarbons in urban air of Beijing by GC/MS	
	O-5	11:25-11:40	Jaeho Ha	Analysis of trans fatty acid by gas chromatography and estimation of its intake	
	O-6	11:40-12:55	Yuki Hashi	Rapid determination of PAHs in atmospheric particulates using on-line enrichment of sample pretreatment	
	O-7	11:55-12:10	Yu-Qi Feng	Chloramphenicol extraction from honey, milk and eggs using polymer monolith micro extraction by LC/MS determination	
		12:10-14:00		Lunch (Guiyuan Hotel)	

15th September, Friday, Afternoon, 2006 China-Japan-Korea Symposium on Environmental Analytical Chemistry

(Academic Exchange Center, Guiyuan Hotel)

Session	No.	Time	Contributor	Title	Chair
New Technology	L-5	14:00-14:25	M. H. Lee	Determination of a minimum detectable activity through a measurement of Pu isotopes in environmental samples	Jianwei Xie, Yuki Hashi, M.H. Lee
	L-6	14:25-14:50	Xiurong Yang	Determination of total nitrogen in water using high temperature oxidation and chemiluminescence's methods	

	O-8	14:50-15:05	Xiandeng Hou	Nano-TiO ₂ enhanced photo-induced chemical vapor generation with alcohol, aldehyde or carboxylic acid for determination of mercury	
	O-9	15:05-15:25	Jirasak Threeprom	Enhanced sensitivity and selectivity in the determination of metals using U-shape cell detection, ethylenediamine tetraacetic acid and vancomycin-partial filling methods	
	O-10	15:25-15:40	Bifeng Liu	Continue wave excited multiphoton fluorescence detection for capillary electrophoresis	
	O-11	15:40-15:55	Yaqing Chai	An iodide-selective sensor based on copper(II) of N,N'-bis(salicylidene)-1,2-bis(p-aminophenoxy)-ethane tetradentate complex	
		15:55-16:10	Coffee Break		
Organic pollutants	L-7	16:10-16:35	Zongwei Cai	Investigation on disinfectant triclosan in environmental and wastewaters.	Takumi Takasuga, Jinli Yuan
	L-8	16:35-17:00	Huwei Liu	Separation and determination of benzoylurea insecticides and their analogues by micellar and microemulsion electrokinetic chromatography	
	L-9	17:00-17:25	Takumi Takasuga	Ultratrace analytical techniques for POPs and organohalogen compounds by GC-HRMS (EI/NCI): sampling, cleanup, analysis and contamination profiles in environmental sample	
	O-12	17: 25-17:40	Zhen Liu	On-line hyphenation of SPME with CE and its applications in environmental analysis and bioanalysis	
	O-13	17:40-17:55	Ruohua Zhu	Enrichment and screening of nitrogen heterocyclic compounds by solid phase extraction-solid substrate room temperature phosphorescence with β -cyclodextrin modified filter paper	
	O-14	17:55-18:10	Zhiliang Li	On quantitative structure retention relationship (QSRR) of polychlorinated debenzodioxin (PCDDS)	
		18:30-21:00	Welcome Party (Dining Hall, Guiyuan Hotel)		
16th September, Saturday, Morning, 2006 China-Japan-Korea Symposium on Environmental Analytical Chemistry					
Session	No.	Time	Contributor	Title	Chair
		07:30-08:20	Breakfast		
Environmental sensors and new materials	L-10	08:20-08:45	Koichi Oguma	Anion-exchange behavior of metal ions in diethylenetriaminepentaacetic acid media and its application to preconcentration of trace metals in river water samples.	Yu-Qi Feng, Koichi Oguma,
	L-11	08:45-09:10	Yunbao Jiang	Fluorescent sensing of heavy transition metal ions with enhanced emission signal	
	O-15	09:10-09:25	Aijun Tong	Rhodamine-Based fluorescent chemosensors for environmentally important cation detection in water	
	O-16	09:25-09:40	Hailong Wu	Second-order calibration based on alternating trilinear decompositions and its applications to environmental analytical chemistry	

	O-17	09:40-09:55	Yibing Zhao	Sensitive and selective detection of highly reactive Se ²⁻ ions in aqueous solution by photoluminescence CdS quantum dots	
	O-18	09:55-10:10	Tianyan You	Identification of TCMs by capillary electrophoresis with electrochemical detection	
		10:10-10:30	Coffee Break		
LC and GC	L-12	10:30-10:55	Xinrong Zhang	New Technique for Atomization and Ionization in Environmental Analysis	Tsuneaki Maeda, Aijun Tong Dong-Sun Lee
	L-13	10:55-11:20	Dong-Sun Lee	Flavor analysis of the five spices by GC/MS	
	O-19	11:20-11:35	Tsuneaki Maeda	Simplification of determination method for standard materials using post-column reaction GC/FID	
	O-20	11:35-11:50	Yi Xu	Rapid detection of cefoperazone sodium in urine on micro-fluidic chip with SPE monolithic micro-column	
	O-21	11:50-12:05	Naoki Oguri	Development of a multipurpose sample injector for GC/MS as similar injection action as that of micro-syringe.	
		12:10-13:30	Lunch		
16thSeptember, Saturday, Afternoon, 2006 China-Japan-Korea Symposium on Environmental Analytical Chemistry (Academic Exchange Center, Guiyuan Hotel)					
Session	No.	Time	Contributor	Title	Chair
New Technology	L-14	14:00-14:25	Jianwei Xie	Novel DNA aptamers for ricin with high affinity and high specificity	Yunbao Jiang Kenichi Akiyama
	L-15	14:25-14:50	Kenichi Akiyama	Estimation of the emission source using carbon stable isotope ratio measurement of the hazardous air pollutants	
	O-22	14:50-15:05	Makoto Ohashi	Ultra trace dioxin analysis using SCLV (Large Volume) injection system. Better to move new technology (GC) or Organic pollutant.	
	O-23	15:05-15:20	Jinli Yuan	A novel europium(III) complex-based luminescence probe specific for singlet oxygen: synthesis and application	
	O-24	15:20-15:35	Jianzhong Lu	Design of highly efficient zeolite sensor materials for N-hexane	
	O-25	15:35-15:50	Guohua Zhou	Multiplex genotyping by adapter-ligation mediated allele-specific amplification (ALM-ASP)	
	O-26	15:50-16:05	Lee Wah Lim	On-Line precolumn enrichment of carcinogenic polycyclic aromatic hydrocarbons (PAHs) in microcolumn liquid chromatography	
		16:10-18:10	Coffee Break, Poster Session and Discussion		
		18:10-18:20	Organizer	Close marker	
		18:30-21:00	Banquet (Moonlight 28 Restaurant [月光 28], 18:30 waiting for bus at the gate of Guiyuan Hotel)		

Poster session of 2006 China-Japan-Korea Symposium on Environmental Analytical Chemistry

Poster specifications: 80cm width x 110cm height

No.	Contributor	Unit	Title
P-1	Zhang-Run Xu, Chong-Hui Zhong, Yan-Xia Guan, and Jian-Hua Wang	Research Center for Analytical Sciences, Northeastern University, Shenyang 110004, China	A microfluidic flow injection system for DNA assay with fluids driven by an on-chip integrated miniature pump based on capillary and evaporation effects
P-2	Liu Hailong, Zhang Zixing, Cheng Fangqin, Dong Chuan*	Shanxi University, Taiyuan, 030006, China	A modified method for determining chemical oxygen demand (CODCr) in brine from salt lake
P-3	Hong Chen*, Wen Zhang, Yuhua Wu, Peiwu Li, Changming Lu	Institute of Oil Crops Research, Chinese Academy of Agricultural Sciences, Wuhan, Hubei, 430062, P. R. China	On-line pre-concentration of DNA fragments by dynamic coating capillary electrophoresis and UV detection of genetically modified rapeseed based on PCR-CE
P-4	Cai-Yan Kang, Dan-Li Xi*, Yuan-Yuan Chen, Zhi-Liang Jiang	College of Environmental Science and engineering, Donghua University, Shanghai, 200051, China	A new sensitive resonance scattering methods for determination of trace chlorine dioxide using silver nanoparticle
P-5	Wijitar Dungchai, Weena Siangproh, Si Lin, Orawon Chailapaku, Jin-Ming Lin	Department of Chemistry, Tsinghua University and Department of Chemistry, Faculty of Science, Chulalongkorn University	Development of a sensitive micro-magnetic chemiluminescence enzyme immunoassay for the determination of carcinoembryonic antigen
P-6	Takahisa Tsugoshi	Reference Materials System Division, National Metrology Institute of Japan	Applications of ion attachment mass spectrometry (IAMS) for pyrolyzed gaseous species
P-7	Yonggang Shi, Shaopu Liu* Zhang Jie	Post-doctoral Research Station of Chemistry, Southwest University, Chongqing 400715, PRC,	Use Semi-derivative Voltammetry for Determining Lubricant's TBN
P-8	Hui Ying Wang, Cheng Zhi Huang,* Yuan Fang Li	Chemistry and Chemical Engineering College, Southwest University, Chongqing 400715, China	Detection of Ferulic Acid Based on the Plasmon Resonance Light Scattering of Silver Nanoparticles
P-9	Yi-Na Jiang, Hong-Qun Luo , Nian-Bing Li	School of Chemistry and Chemical Engineering, Southwest University, Chongqing 400715, China	Resonance light scattering spectroscopy study of interaction between gold colloid and serotonin and its analytical application
P-10	Yan-Bin He, Hong-Qun Luo, Nian-Bing Li	School of Chemistry and Chemical Engineering, Southwest University, Chongqing 400715, China	An analysis of the binding kinetics between hepatitis B surface antibody and antigen on gold electrode modified gold nanoparticles via electrochemistry

P-11	Lanxiang An, Shaopu Liu, Zhongfang Liu, Ling Kong, Xiaoli Hu*	School of Chemistry and Chemical Engineering, Southwest University, Chongqing 400715, China	Resonance Rayleigh scattering method for determination of Amikacin with potassium ferrioxalate as a probe
P-12	Ruohua Zhu *, Juan Wang, Yanzhi Shi	Department of Chemistry, Capital Normal University, Beijing100037, China	Distributions of platinum and lead in roadside environment among metropolitan areas in Beijing, China
P-13	Meng Wang, Geng Chen, Min Ding *	Department of Laboratory Medicine, Key Laboratory of Clinical Laboratory Diagnostics, Ministry of Education, Chongqing University of Medical Sciences, Chongqing , 400016, China	Determination of free and conjugated bile acids of rat with live transplantation by HPLC
P-14	Zhengjun Gong*, Guohe Chen, Xinfeng Xiao, Xinshen Zhang	School of Environmental Science and Engineering, Southwest Jiaotong University, 610031, Chengdu, China	The determination of nitrite with flow injection catalytic kinetic spectrophotometric analysis
P-15	Qiong Li*, Mitsuko Oshima, Shoji Motomizu	Graduate School of Natural Science and Technology, Okayama University, 3-1-1 Tsushimanaka, Okayama 700-8530, Japan	Flow-injection spectrofluorometric determination of trace formaldehyde in water after derivatization with acetoacetanilide
P-16	Wang Zhihua, Wang Shujun, Cai Min	Graduate School of Environment and Information Sciences, Yokohama National University, 79-7 Tokiwadai, Yodogaya-ku, Yokohama 240-8501, Japan	Determination of cadmium in some paints by graphite furnace atomic absorption spectrometry with optical temperature control
P-17	Fengxian Gao, Ruo Yuan*, Yaqin Chai	Chongqing Key Laboratory of Analytical Chemistry, College of Chemistry and Chemical Engineering, Southwest University, Chongqing 400715, China	Amperometric hydrogen peroxide biosensor based on nano-Au/Thi immobilized on p-aminobenzene sulfonic acid polymer through electrostatic adsorption
P-18	Wei Dongbin, Kisuno Akira, Kubo Takashi, Kameya Takashi, Urano Kohei	Graduate School of Environment and Information Sciences, Yokohama National University, Japan	A newly developed toxicity-based pollution screening method and its application
P-19	Lihua Zhang, Lin Zhang, Weibing Zhang, Yukui Zhang	National Chromatographic R. & A. Center, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China	Novel fluorescence derivatization reagents and their applications in the analysis of environmental pollutants

P-20	Jirasak Threeprom, Waraporn Som-aum, and Jin-Ming Lin	Department of Chemistry, Tsinghua University, China; Department of Chemistry, Faculty of Science, Mahasarakham University, Thailand	Separation of enantiomeric basic drugs by microemulsion electrokinetic chromatography using chiral 2-octanol as the oil core
P-21	Kazutoshi Sugita	DIA Analysis service Inc., 8-5-1, Chuo, Ami-machi, Inashiki-gun, Ibaraki, Japan	Nicotine analysis in indoor air
P-22	Zhenyu Lin, Jinhua Chen, Guonan Chen*	Department of Chemistry, Fuzhou University, China	Study on the enhancement of electrochemiluminescence of luminol by menadione sodium bisulfite
P-23	Kikuo Sasamoto, Nobuo Ochiai*, Hirooki Kanda	GERSTEL K.K., 2-13-18 Nakane, Meguro-ku, Tokyo, 152-0031 Japan	Fast screening of pesticide multiresidues in aqueous samples by Dual SBSE - Dual LTM-GC - PFPD/MS
P-24	Guang-Sheng Guo*, Chao-Nan He, Fu-Bo Gu, Dong-Mei Han, Zhi-Hua Wang	Beijing University of Chemical Technology, 100029, Beijing, China	Synthesis of titania and titanate nanomaterials and their application in degradation of organic dye solution
P-25	Zhong De Liu,a,b Cheng Zhi Huang,* Shu Jun Zhen	College of Chemistry and Chemical Engineering, Southwest University, Chongqing 400715, China	A novel optical biosensor for rapid and label-free detection of bacteria based on measuring surface enhanced light scattering signals of solid supports
P-26	Lin Feng, Hao Wang, Yuming Huang*	College of Chemistry and Chemical Engineering; Key Laboratory of Eco-environments in Three Gorges Reservoir Region, Ministry of Education; Southwest University, Chongqing400715, P.R. China	Solid-phase microextraction in combination with GC/FID for quantification of the volatile free fatty acids in wastewater from constructed wetlands
P-27	Pengran Guo, Taicheng Duan, Xuejie Song, Hangting Chen*	National Analytical Research Center of Electrochemistry & Spectroscopy, Changchun Institute of Applied Chemistry, Chinese Academy of Science, Changchun 130022, China	Evaluation of a sequential extraction for the speciation of Thrium in solids from Baotou area, Inner Mongolia
P-28	Xiulan He, Ruo Yuan*, Yaqin Chai, Ying Zhang, Yintao Shi	Chongqing Key Laboratory of Analytical Chemistry, College of Chemistry and Chemical Engineering, Southwest University, 400715, Chongqing, P.R. China	An amperometric immunosensor for HBsAg based on porous nanogold film and Prussian Blue (PB) as immobilization matrix
P-29	Jian Ling, Cheng Zhi Huang*, Yuan Fang Li	College of Chemistry and Chemical Engineering, Southwest University, Chongqing 400715, PR China	Immunoassay based on the plasmon resonance light scattering of silver nanoparticles

P-30	Yun Fei Long, Cheng Zhi Huang* Yuan Fang Li , Mei Yue	College of Chemistry and Chemical Engineering, Southwest University, Chongqing 400715, China	A dual-wavelength resonance lighting scattering ratiometry for fsDNA detection using Amaranth Red as a sensitive reagent
P-31	Qie Gen Liao, Yuan Fang Li, and Cheng Zhi Huang*	Chemistry and Chemical Engineering College, Southwest University, Chongqing 400715, China.	Self-assembled multi-walled carbon nanobutes probes for recognition and detection of DNA sequence
P-32	Xiao Wei Shen, Cheng Zhi Huang, and Yuan Fang Li*	Chemistry and Chemical Engineering College, Southwest University, Chongqing 400715, China	A new preparation of Schiff base and its application for the determination Cu ²⁺ and serum protein
P-33	Masami Morikawa, Masanao Furukawa, Kyoichi Komori	Shimadzu Corp. Japan	High performance and convenient Multi Dimensional GC System that used new switching device
P-34	Akhmad Sabarudin*, Narong Lenghor, Mitsuko Oshima, Toshio Takayanagi, Yun Hua Gao and Shoji Motomizu	Graduate School of Natural Science and Technology, Okayama University, 3-1-1 Tsushimanaka, Okayama 700-8530, Japan	Sequential-injection on-line injection preconcentration using chitosan resin functionalized with 2-amino-5-hydroxy benzoic acid for the determination of trace elements in environmental water samples by inductively coupled plasma-atomic emission spectrometry
P-35	Li Rong*, Lee Wah Lim and Toyohide Takeuchi	Department of Chemistry, Faculty of Engineering, Gifu University, Yanagido, Gifu 501-1193, Japan	Determination of Iodide in Seawater using C30 Column Modified with Polyoxyethylene Oleyl Ether in Ion Chromatography
P-36	Hiroshi Sato*, Toshiyuki Hobo	Nagasaki International University Faculty of Pharmaceutical Sciences, Nagasaki International Univ., 2825-7 Huis Ten Bosch, Sasebo-shi, Nagasaki 859-3293, Japan	Analysis of Malodorous Substances of Human Waste and Feces
P-37	Masaaki Noguchi	Techno International, 4-19-6, Eifuku, Suginami-ku, Tokyo, Japan	Inspection method for the contaminated soil using potable GC/ PID/DELCD