

Report on
ISN-APSN-JSN Advanced School in Tohoku University

Sendai, Japan

2nd -6th September 2017

**Novel Dimensions in Neurochemical Research;
from molecular biology to brain imaging**

**Graduate School of Pharmaceutical Sciences,
Graduate School of Life Sciences and Brain Science Center
Tohoku University**

**PREPARED BY
KOHJI FUKUNAGA
CHAIR, LOCAL ORGANIZING COMMITTEE**

1. **Organized by:**
 International Society for Neurochemistry (ISN), Asian-Pacific Society for Neurochemistry (APSN) and Japanese Society for Neurochemistry (JSN)
 Co-organized by Graduate School of Pharmaceutical Sciences, Graduate School of Life Sciences and Brain Science Center in Tohoku University
2. **Theme of School:**
“Novel Dimensions in Neurochemical Research; from molecular biology to brain imaging”
3. **Place and date of the school:**
 - **Venue :** Tohoku University, Graduate Schools of Pharmaceutical Sciences and Life Sciences, Sendai, Japan
 - **Date :** September 2-6, 2017
 - **Logging hotel :** APA Villa Hotel Sendai Eki Itsutsubashi (3-1-1, Itsutsubashi, Wakabayashi-ku, Sendai, Japan TEL : (+81)22-266-3111
4. **Overview**

The main objective of the APSN-ISN-JSN School (Sendai 2017) is to provide a novel collaborative platform enabling PhD students and postdoctoral fellows. The participants can be enjoying a wide variety of leading edge neurochemical research to enrich their knowledge on neurochemistry experimental. We also provide the world-renowned researchers in Tohoku University Comprehensive Center for Brain Science Research and Education (Tohoku University Brain Science Center: TU-BSC) for training the attendees to extend knowledge and skill in neurochemistry fields. Especially, the program offer to the participants for updating their knowledge on the fields of advanced brain imaging, optogenetic and neurochemical techniques on the neuropsychiatry diseases such as depression, autism, schizophrenia and the neural circuits involved in memory and cognition. Therefore, we hope all participants in this program will be acquire the new ideas and learn the newest technology and methods on neurochemistry fields that will be beneficial for their future research.
5. **Name of body organizing the school (if appropriate) and names of the members of the organizing committee:**

Organizers:

 - Asian-Pacific Society for Neurochemistry (APSN)
 - Japanese Society for Neurochemistry (JSN)
 - Tohoku University Comprehensive Center for Brain Science Research and Education (TU-BSC)

School Organizing Committee:
 Members from ISN and APSN :

 - Akio Wanaka, Japan (APSN President)
 - Ying-Shing Chan, Hong Kong (APSN Secretary)
 - Woong Sun, Korea (APSN Treasurer)
 - Andrew Lawrence, Australia (APSN past president)
 - Chian Ming Low, Singapore (APSN School Committee Chair)
 - Shinchi Hisanaga, Japan (ISN Council member)
 - Itsuki Ajioka, Japan (APSN Council member)
 - Members of Local Organizing Committee (LOC):
Kohji Fukunaga (Professor, Tohoku University Graduate School of Pharmaceutical Sciences)

Shozo Furumoto (Professor, Tohoku University Graduate School of Pharmaceutical Sciences)
Noriyasu Hirasawa (Professor, Tohoku University Graduate School of Pharmaceutical Sciences)
Toshio Iijima (Director of TU-BCS, Professor Emelitus, Tohoku University)
Hiroshi Inada (Senior Assistant Professor, Tohoku University Graduate School of Medicine)
Ko Matsui (Professor, Tohoku University Graduate School of Life Sciences)
Atsushi Matsuzawa (Professor, Tohoku University Graduate School of Pharmaceutical Sciences)
Katsuhiko Nishimori (Professor, Tohoku University Graduate School of Agricultural Science)
Ichiko Nishijima (Senior Assistant Professor, Tohoku University Graduate School of Medicine)
Takuya Noguchi (Associate Professor, Tohoku University Graduate School of Pharmaceutical Sciences)
Noriko Osumi (Professor, Tohoku University Graduate School of Medicine)
Yuji Owada (Professor, Tohoku University Graduate School of Medicine)
Tetsuya Terasaki (Professor, Tohoku University Graduate School of Pharmaceutical Sciences)
Masanori Tachikawa (Associate Professor, Tohoku University Graduate School of Pharmaceutical Sciences)
Hiroaki Tomita (Professor, Department of Disaster Psychiatry, International Research Institute of Disaster Science, Tohoku University)
Ken-Ichiro Tsutsui (Professor, Tohoku University Graduate School of Life Sciences)
Minoru Wakamori (Professor, Tohoku University Graduate School of Dentistry)
Daisuke Yamamoto (Professor, Tohoku University Graduate School of Life Sciences)
Kazuhiko Yanai (Professor, Tohoku University Graduate School of Medicine)
Yasushi Yabuki (Assistant Professor, Tohoku University Graduate School of Pharmaceutical Sciences)

Secretary :

Yasuharu Shinoda (Assistant Professor, Tohoku University Graduate School of Pharmaceutical Sciences)
Hisanao Izumi (Ph.D. Candidate, Tohoku University Graduate School of Pharmaceutical Sciences)
Hidaka Haga (Ph.D. Candidate, Tohoku University Graduate School of Pharmaceutical Sciences)
Reiko Fukunaga (Lab manager of Tohoku University Graduate School of Pharmaceutical Sciences)

6. Name, Affiliation and Country of Participants:

Cherepanov Stanislav
Center for child mental development. Kanazawa University, Japan
Deshpande Ravindra Pramod
Department of Biotechnology and Bioinformatics, School of Life Sciences, University of Hyderabad, India
Dilina Tuerde
Department of Biological Sciences, Tokyo Metropolitan University, Japan
Farhana Padungraksart
Department of Anatomy, Faculty of Medicine Siriraj hospital, Mahidol University, Thailand
Gofarana Wilar
Department of Pharmacology, Graduate School of Pharmaceutical Sciences, Tohoku University, Japan
Hossain MD Ibrahim
Division of Neurobiology and Anatomy, Graduate School of Medical and Dental Sciences, Niigata University, Japan
Jasmine Chia Siew Min
Department of Biomedical Science, Universiti Putra Malaysia, Malaysia

Lalit Pratap Chandravanshi

Department of Zoology, Institute of Science, Banaras Hindu University, India

Leigh Walker

Florey Institute of Neuroscience and Mental Health, Australia

Mayuri Shukla

Chulabhorn Graduate Institute, Chulabhorn Royal Academy/Neuroscience, Thailand

Norimichi Itoh

Nagoya University Graduate School of Medicine/Hospital Pharmacy and

Neuropsychopharmacology, Japan

Pramod Kumar

Department of Pharmacy, School of Chemical Sciences and Pharmacy, Central

University of Rajasthan, India

Ruchee Phonchai

Research Center for Neuroscience, Institute of Molecular Biosciences, Mahidol

University, Thailand

Sang-Eun Lee

Seoul National University College of Medicine, Korea

Sharma Govinda

Department of Biological Sciences, Tokyo Metropolitan University, Japan

Su Yixun

Neurobiology and Aging Program, Life Science Institute, National University of

Singapore, Singapore

Subhamita Maitra

Biomedical Research & Diagnostic Division, Manovikas Kendra, India

Sun Meiling

Department of Pharmacology, Graduate School of Pharmaceutical Sciences, Tohoku

University, Japan

Xiang Ping

Department of Pharmacology, Yong Loo Lin School of Medicine, National University of

Singapore, Singapore

Xiuxiu Liu

College of Pharmaceutical Sciences, Zhejiang University, China

Zhao Hui

Pharmacology, Yong Loo Lin School of Medicine, National University of Singapore,

Singapore

Zhaoxiang Ren

Jiangsu Key laboratory for Translational Research and Therapy for Neuropsychiatric disorders, College of Pharmaceutical Sciences, Soochow University, China

7. School program (day by day activities):

The School provided a 5-day program including both comprehensive lectures and hands-on techniques associated with neurochemical, electrophysiological, optogenetic studies and brain imaging.

<p>Participants from overseas countries shall arrive in Japan on <u>September 1st, 2017</u>. The lodging for participants are provided by the LOC.</p> <p>Participants get together at Lecture Room of Tohoku University Graduate School of Life Sciences by 9 :30 AM of September 2nd.</p>	
<p>Day 1 : Saturday, September 2, 2017</p>	
<p>9:30-12 :00 (Graduate School of Life Sciences; Lecture room)</p>	<p><i>Opening Remarks and Briefing</i></p> <p><i>Lecture series of Hands-on techniques are held at Lecture Room in Graduate School of Life Sciences.</i></p> <p><i>(1) Interactions between school faculties and students</i> <i>(2) Hands-on grouping (2 participants/group, only one module for each participant during the school period)</i></p> <p><i>30-minute lectures including 10 min discussion will be given by the module leaders (10 faculties) (Coffee breaks between lectures).</i></p> <p><u><i>Module 1: Brain imaging of Alzheimer disease and neuropsychological diseases (by Profs. Shozo Furumoto and Kazuhiko Yanai)</i></u></p> <p><u><i>Module 2: Non-human primate neurophysiology for the investigation of higher cognitive functions (by Profs. Kenichiro Tsutsui and Yuki Kajita)</i></u></p>
<p>12:00-13:00</p>	<p>Lunch (at the restaurant, Sakura Kitchen)</p>
<p>13 :00-18 :00 (Graduate School of Life Sciences; Lecture room)</p>	<p><u><i>Module 3: Molecular mechanisms of neurodegeneration and neuropsychiatry disease (by Profs. Itsuki Ajioka, Masanori Tachikawa and Yasuharu Shinoda)</i></u></p> <p><i>Coffee break</i></p> <p><u><i>Module 4 : Neural function analyses using optogenetics and electrophysiology (by Profs. Ko Matsui, Minoru Wakamori and Yasushi Yabuki)</i></u></p> <p><i>Coffee break</i></p> <p><u><i>Advanced Lecture 1: An anti-neuroinflammatory strategy towards ameliorating neurodegeneration : cPLA₂, LPC and Alzheimer's disease (Prof. Chian Ming Low)</i></u></p>

18 :00-20 :00	Welcome Dinner (at the restaurant, Sakura Kitchen)
Day 2 : Sunday September 3, 2017	
9 :00-12 :00 (Graduate School of Life Sciences; Lecture room)	<p><u>Module 5 : Recent Advances in Blood-Brain Barrier Transport Research (by Profs. Tetsuya Terasaki)</u></p> <p><u>Module 7 : Molecular basis of PTSD behaviors and Melatonin therapy (by Prof. Kohji Fukunaga)</u></p> <p><u>Coffee break</u></p> <p><u>Module 8: Mental health promotion and life sciences in Tohoku Medical Megabank after the Great East Japan Earthquake (by Profs Hiroaki Tomita and Ichiko Nishijima)</u></p> <p><u>Module 9: Molecular basis of inflammation and autophagy for drug targets (by Prof. Takuya Noguchi)</u></p>
12 :00-13 :00	Lunch (Lunch box)
13 :00-16 :00 (Graduate School of Life Sciences; Lecture room)	<p>Five min poster presentation with a 3-min discussion by 23 students. <i>Evaluated by Chian Ming Low (APSN School Committee Chair), Itsuki Ajioka (APSN Council Member), Kohji Fukunaga (Advanced School Chairman), Noriko Osumi (Leader of Neuro Global in Tohoku University), Hiroaki Tomita (PI, International Research Institute of Disaster Science)</i></p>
16 :00-17 :00	<p><u>Advanced Lecture 2: Impact of maternal fatty acids on brain development and behavior in the offspring (Prof. Noriko Osumi)</u></p>
18:00-19:00	Dinner (near Lodging Hotel)
19:00-21:00	<u>Meet the speakers (Profs. Noriko Osumi and Chian Ming Low)</u>
Day 3 : Monday, September 4, 2017	
9 :30-18 :00 (excursion)	<p>One day trip to promote friendship between participants and foreign students studying at Tohoku University. Participants will be able to learn how people rose back up from the Great East Japan Earthquake in Sendai. Participants will visit Ishinomaki Community and Information Center and talking to Richard</p>

	Halberstadt, Chief of the Center. He will talk that working together for a new Ishinomaki after the Earthquake. Group meeting for hands-on techniques for day 5
18:00-19:00	Dinner on your own
	Free time for visiting Sendai downtown
Day 4 : Tuesday, September 5, 2017	
9:30-12:00 (each group visits attractive Lab)	Hands-on techniques Module 1 : Brain imaging of Alzheimer disease and neuropsychological diseases Module 2 : Neural circuits involved in cognition and emotion in monkey brain Module 3 : Molecular mechanisms of neurodegeneration and neuropsychiatry disease Module 4 : Neural function analyses using Optogenetics and electrophysiology Module 5 : Molecular basis of blood brain barrier and drug transport Module 6 : Molecular basis of innate behaviors in Drosophila Module 7 : Molecular basis of autism behaviors in oxytocin null mice Module 8: Mental health promotion and life sciences in Tohoku Medical Megabank after the Great East Japan Earthquake Module 9: Molecular basis of inflammation and apoptosis in non-neuronal cells
12:00-13:00	Lunch on your own
14:00-18:00 (each group visits attractive Lab)	Hands-on techniques Module 1 : Brain imaging of Alzheimer disease and neuropsychological diseases Module 2 : Neural circuits involved in cognition and emotion in monkey brain Module 3 : Molecular mechanisms of neurodegeneration and neuropsychiatry disease Module 4 : Neural function analyses using Optogenetics and electrophysiology Module 5 : Molecular basis of blood brain barrier and drug transport Module 6 : Molecular basis of innate behaviors in Drosophila Module 7 : Molecular basis of autism behaviors in oxytocin null mice Module 8: Mental health promotion and life sciences in Tohoku Medical Megabank after the Great East Japan Earthquake Module 9: Molecular basis of inflammation and apoptosis in non-neuronal cells
17:00-19:00	Dinner on your own
Day 5 : Wednesday, September 6, 2017	
9:30-11:00 (Graduate School of	

Pharmaceutical Sciences ; Lecture room)	<p><u>Advanced Lecture 3 : How to advance your neurochemical research with APSN and ISN : Impact of ISN advanced School (Prof. Andrew Lawrence APSN past president).</u></p> <p><u>Round table discussion between ISN Advanced School attendees and school organizers</u></p>
11:00-12 :00	Lunch in Graduate School of Pharmaceutical Sciences
13 :00-18 :00 (Sendai International Conference Center)	<p>Join to International meeting of "Protein misfolding disease and Therapy 2017 in Sendai"</p> <p><u>Advanced Lecture 4: Structural and functional characterization of alpha-synuclein assemblies in Parkinson's disease and related synucleinopathies (Prof. Ronald Melki, Paris-Saclay Institute of Neuroscience).</u></p> <p>Closing Remarks</p>
19 :00-21 :00	Farewell party for APSN-ISN-JSN advanced school attendees with staffs

8. Lectures for Modules :

Module 1: Brain imaging of Alzheimer disease and neuropsychological diseases (by Profs. Furumoto and Yanai)

Module 2: Neural circuits involved in cognition and emotion in monkey brain (by Profs. Tsutsui and Kajita)

Module 3: Molecular mechanisms of neurodegeneration and neuropsychiatry disease (by Profs. Osumi and Fukunaga)

Module 4 : Functional analyses of Optogenetic and electrophysiological studies (by Profs. Matsui and Wakamori)

Module 5 : Molecular basis of blood brain barrier and neurovascular units (by Profs. Terasaki and Tachikawa)

Module 6 : Molecular basis of innate behaviors in Drosophila (by Prof. Yamamoto)

Module 7 : Molecular basis of autism behaviors in oxytocin null mice (by Profs. Nishimori and Yabuki)

Module 8 : Mental health promotion and life sciences by the Medical Megabank in Tohoku University after the Great East Japan Earthquake (by Profs. Nishijima and Tomita)

Module 9 : Molecular basis of inflammation and autophagy for drug targets (by Profs. Hirasawa and Noguchi)

9. Groups in Hands-on techniques

Module 1: Prof. Yanai Lab (Medical School)
Mayuri Shukla (Chulabhorn Royal Academy)
Zhaoxiang Ren (Soochow University)

Module 2: Prof. Tsutsui Lab (Life Science School)
Jasmine Chia Siew Min (Universiti Putra Malaysia)
Subhamita Maitra (Manovikas Kendra)

Module 3: Prof. Osumi Lab (Medical School)
Ruchee Phonchai (Mahidol University)
Su Yixun (National University of Singapore)
Gofarana Wilar (Tohoku University and Indonesia)

Module 3: Prof. Fukunaga Lab (Pharmaceutical Science School)
Zhao Hui (National University of Singapore)
Dilina Tuerde (Tokyo Metropolitan University)
Vishal Jain (Defence Institute of Physiology and Allied Sciences)
Norimichi Itoh (Nagoya University)

Module 4 : Prof. Matsui Lab (Life Science School)
Leigh Walker (Florey Institute of Neuroscience and Mental Health)
Xiuxiu Liu (Zhejiang University)

Module 4: Prof. Wakamori Lab (Dental School)
Sang-Eun Lee (Seoul National University)

Module 5 : Prof. Terasaki Lab (Pharmaceutical Science School)
Pramod Kumar (Central University of Rajasthan)
Xiang Ping (National University of Singapore)
Hossain MD Ibrahim (Niigata University)

Module 7 : Prof. Nishimori Lab (Agriculture School)
Cherepanov Stanislav (Kanazawa University)

Module 8 : Prof. Tomita Lab (International Research Institute of Disaster Science)
Sharma Govinda (Tokyo Metropolitan University)
Sun Meiling (Tohoku University and China)

Module 9 : Prof. Hirasawa Lab (Pharmaceutical Science School)
Deshpande Ravindra Pramod (University of Hyderabad)

Module 10 : Prof. Matsuzawa Lab (Pharmaceutical Science School)
Farhana Padungraksart (Mahidol University)
Lalit Pratap Chandravanshi (Banaras Hindu University)

10. School students' poster presentations

In the Afternoon session in the school Day 2, students presented orally their experimental results on posters. Each poster presentation took a time limit of 6 minutes. The presentations were evaluated by School Faculties. Three of the presentations were awarded as gold, silver and bronze medals.

Awards

Gold prize: Sang-Eun Lee "nArgBP2 regulates excitatory synapse formation by controlling dendritic spine morphology"

Silver prize: Cherepanov Stanislav "New analogs of oxytocin. In vitro activity, selectivity and effects on parental behaviour"

Bronze prize: Hossain MD Ibrahim "Glial activation in the brainstem of adult dystonin mutant mice"

11. Closing remarks by Organizers

Out of the 54 applicants, 22 students were selected by APSN council members and local organizers. It was very competitive in the selection because of high quality of their achievement and records.

There is no trouble in the VISA application and visiting to Sendai city from the abroad. The students really enjoyed the lectures regarding diverse fields of neuroscience from the members of Brain Science Center of Tohoku University in Sept 2 and 3. In September 4, Participants visited Ishinomaki Community and Information Center and leared how people come back from severe earthquake damages. Mr Richard Halberstadt, Director of the center told us the detail of the current situation of local city (Ishinomaki city) damaged by Tsunami/ Earthquake. In Sept 5, ten groups were made by 22 students and exercised new techniques in each Lab. In Sept 6, students enjoyed the round table discussion to review this school with Profs Andrew Lawrence, Chian-Ming Low and Ying-Shing Chan as council member of APSN. Finally, Profs Akio Wana and Itsuki Ajioka organized the farewell party in the evening of Sept 6. I really appreciate these APSN council members, Finally, I sincerely express our thanks for ISN for funding supports and for APSN and JSN to give us this opptunity to coomunicate young invetigators in Asian Pasific regions in Tohoku University.

12. Photos

Group photograph at 2nd Sep. (cf.Appendix)



Opening Remarks by Prof.Fukunaga



Lecture & Discussion (Module 1 and 2) at 2nd Sep.

Prof.Furumoto



Prof.Yanai



Prof. Tsutsui



Ms.Subhamita



Assis.Kajita



Ms.Mayuri



Lecture & Discussion (Module 3 and 4) at 2nd Sep.

Assos.Prof.Ajioka



Mr.Pramod

Mr.Stanislav



Assos.Prof.Tachikawa



Assis.Prof.Shinoda



Ms.Lee



Prof.Matsui



Prof.Wakamori



Assis.Prof.Yabuki



Advanced Lecture 1

Assoc.Prof.Low



Ms.Dilina



Welcome Party at 2nd Sep.



Group photograph at 3rd Sep. (cf.Appendix)



Lecture & Discussion (Module 5, 7, 8, and 9) at 3rd Sep.

Prof.Terasaki



Prof.Fukunaga



Mr.Ren



Prof.Nishijima



Mr.Gofarana



Mr.Hossain



Assos.Prof.Noguchi



Ms.Hui



Mr.Sharma

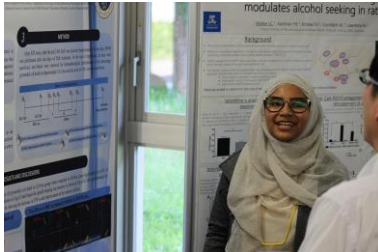


Poster Presentations at 3rd Sep.

Mr.Deshpande



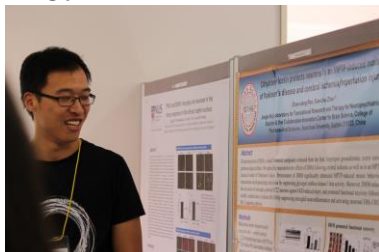
Ms.Farhana



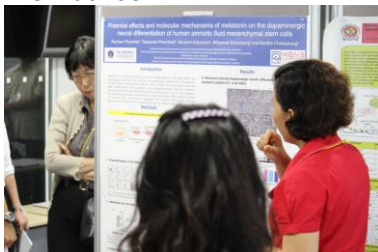
Ms.Mayuri



Mr.Su



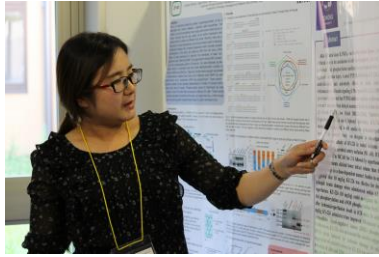
Ms.Ruchee



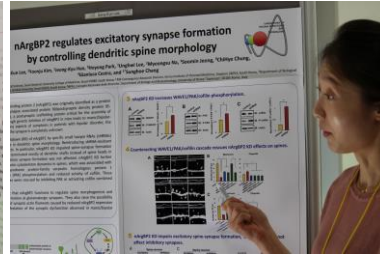
Mr.Stanislav



Ms.Sun



Ms.Lee



Advanced Lecture 2

Prof.Osumi



Excursion at 4th Sep. (cf.Appendix)

Group Photograph at Commuty Center in Ishinomaki City

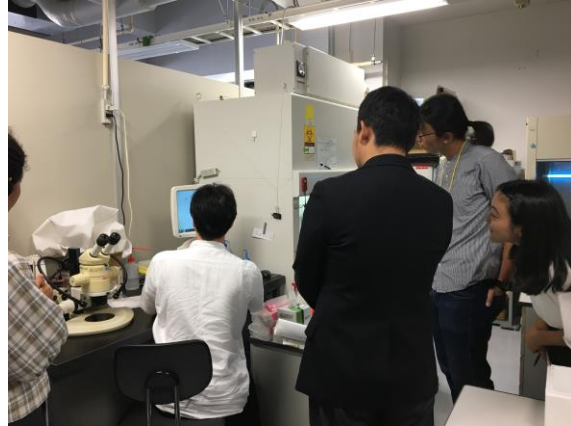


Hands-on Technique at 5th Sep.
Prof.Osumi's Lab

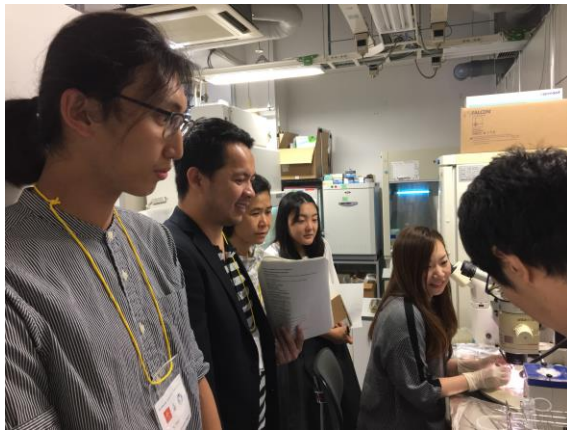


Prof.Osumi's Lab

Prof.Osumi's Lab



Prof.Tsutsui's Lab



Advanced Lecture 3 at 6th Sep.
Prof.Andrew Lawrence



Awards



Left to Right: Mr.Hossain, Mr.Stanislav, Ms.Lee, Prof.Fukunaga, Prof.Andrew, Prof.Chan, Assos.Prof.Low



Advanced Lecture 4

Prof.Fukunaga



Prof.Yanai



Prof.Ronald



Group photograph of International Meeting (cf.Appendix)



Farewell Party with Prof.Wanaka (APSN President)



Expense for ISN-APSN-JSN Advanced School 2017

Income

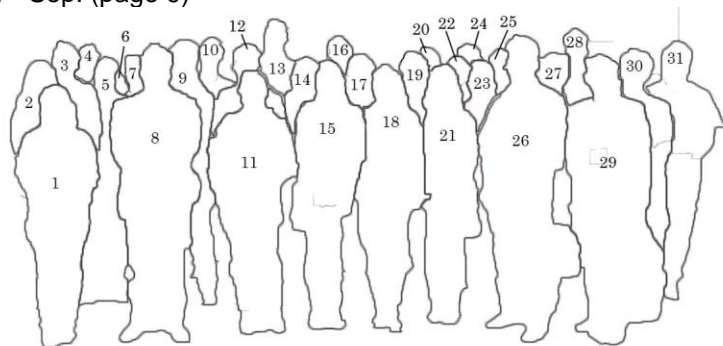
Item	Detail	(JPY)
ISN Support	32,000USD (1\$ ~ ¥110)	3,520,000
Total (A)		3,520,000

Expenses

Item	Detail	(JPY)
Accommodation for students	APA VILLA Hotel Sendai	1,127,400
Accommodation for APSN council member	Washington Hotel	272,252
Travel expences of students (from abroad)	International airlines	1,154,700
Travel expences of Japanese students	Shinkansen etc.	118,750
Program book	58 pages, 70 books	44,604
Travel expences for APSN council members	Airplane, Shinkansen	241,460
Welcome Dinner (2nd)	Restaurant near School of Life Sciences	134,000
Meet speakers(3rd)	Indian restaurant	96,650
Farewell party(6th)	Indian restaurant	116,000
Excursion (4th)	Bus, Luch	189,262
Miscellaneous charges	Postal fee, certification of award, etc.	24,922
Total (B)		3,520,000
Net profit	(A)-(B)	0

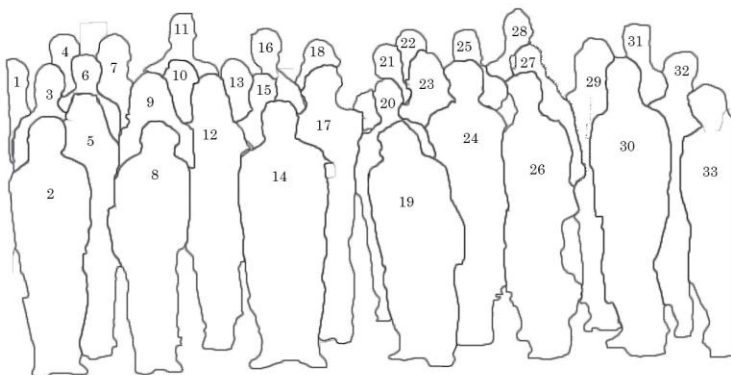
Appendix (Name of Members in Group Photograph)

2nd Sep. (page 9)



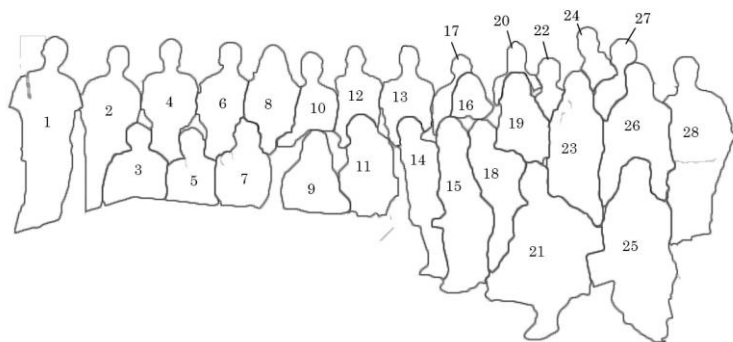
1.Ms.Farhana, 2.Ms.Jasmine, 3.Mr.Itoh, 4.Assis.Prof.Shinoda, 5.Ms.Walker, 6.Mr.Sharma, 7.Mr.Deshpande, 8.Prof.Fukunaga, 9.Mr.Hossain, 10.Mr.Su, 11.Ms.Subhamita, 12.Mr.Gofarana, 13.Mr.Pramod, 14.Ms.Dilina, 15.Ms.Sun, 16.Mr.Ren, 17.Ms.Lee, 18.Ms.Liu, 19.Ms.Mayuri, 20.Mr.Stanislaw, 21.Ms.Ping, 22.Ms.Hui, 23.Ms.Ruchee, 24.Assis.Kajita, 25.Assos.Prof.Ajioka, 26.Prof.Furumoto, 27.Assis.Prof.Yabuki, 28.Mr.Izumi (secretary), 29.Assos.Prof.Low, 30.Prof.Yanai, 31.Prof.Tsutsui

3rd Sep. (page 13)



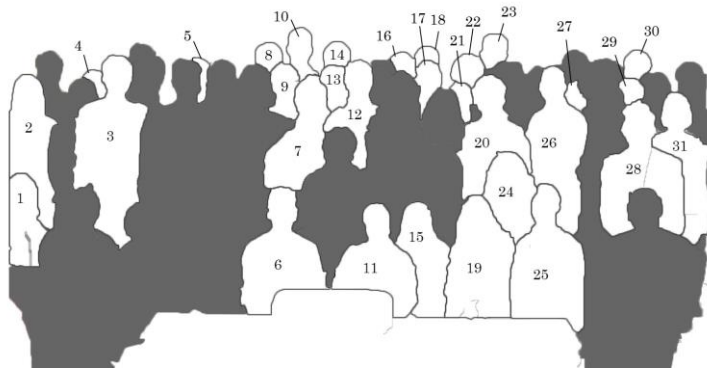
1.Mr.Sharma, 2.Assos.Prof.Noguchi, 3.Ms.Lee, 4.Assis.Prof.Shinoda, 5.Ms.Farhana, 6.Ms.Walker, 7.Mr.Su, 8.Prof.Tomita, 9.Ms.Jasmine, 10.Ms.Dilina, 11.Mr.Pramod, 12.Ms.Liu, 13.Mr.Ren, 14.Ms.Sun, 15.Ms.Liu, 16.Mr.Ren, 17.Ms.Sun, 18.Mr.Stanislaw, 19.Prof.Terasaki, 20.Ms.Subhamita, 21.Mr.Lalit, 22.Mr.Hossain, 23.Ms.Mayuri, 24.Ms.Ruchee, 25.Mr.Itoh, 26.Prof.Nishijima, 27.Mr.Deshpande, 28.Mr.Izumi (secretary), 29.Mr.Wilar, 30.Assos.Prof.Ajioka, 31.Mr.Haga (secretary), 32.Assis.Prof.Yabuki, 33.Assos.Prof.Low

4th Sep. (page 15)



1.Mr.Ren, 2.Mr.Wilar, 3.Assos.Prof.Low, 4.Mr.Itoh, 5.Assos.Prof.Ajioka, 6.Mr.Hossain, 7.Ms.Ruchee, 8.Mr.Stanislaw, 9.Ms.Mayuri, 10.Prof.Fukunaga, 11.Ms.Farhana, 12.Prof.Ronald (JSN guest), 13.Prof.Andrew J Lawrence (APSN past president), 14.Ms.Subhamita, 15.Ms.Sun, 16.Ms.Jasmine, 17.Mr.Richard (Director of the center), 18.Ms.Lee, 19.Ms.Dilina, 20.Ms.Walker, 21.Mr.Sharma, 22.Mr.Deshpande, 23.Ms.Ping, 24.Mr.Pramod, 25.Ms.Liu, 26.Ms.Hui, 27.Mr.Su, 28.Mr.Lalit

6th Sep. (page 18)



1.Ms.Dilina, 2.Ms.Mayuri, 3.Prof.Chan, 4.Prof.Hisanaga, 5.Assoc.Prof.Ajioka, 6.Mr.Deshpande, 7.Assoc.Prof.Low, 8.Mr.Hossain, 9.Mr.Lalit, 10.Mr.Pramod, 11.Ms.Subhamita, 12.Prof.Andrew, 13.Mr.Sharma, 14.Mr.Itoh, 15.Ms.Farhana, 16.Mr.Wilar, 17.Ms.Walker, 18.Mr.Stanislav, 19..Ms.Sun, 20.Prof.Fukunaga, 21.Ms.Ping, 22.Mr.Ren, 23.Prof.Wanaka, 24.Ms.Jasmine, 25.Ms.Lee, 26.Prof.Ronald, 27.Ms.Hui, 28.Prof.Yanai, 29.Ms.Ruchee, 30.Mr.Su, 31.Ms.Liu