

# Vas-Cog Journal



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# Greetings from Vas-Cog Japan, the Japanese Society for Vascular Cognitive Impairment

**Ryuichi Morishita, MD, PhD**

President: The Japanese Society for Vascular Cognitive Impairment



I am Dr. Ryuichi Morishita from Osaka University, and I took over as President of the Japanese Society for Vascular Cognitive Impairment from Dr. Koji Abe. I would like to further develop this society - which was first developed by Dr. Nagata, the first President, and Dr. Abe, the second President - to the best of my ability, with the cooperation of all the members in our society, so your kind support would be greatly appreciated.

Vas-Cog Japan, which is in its eighth year from its time as a study group, has developed quite considerably. As our society has already met the requirements to be registered as an academic organization in the Science Council of Japan with regard to the number of members, membership management and publication of journals, the Chairman for the Promotion of Becoming a Society, Dr. Katsuya Urakami, has been working on our application for the registration.

Also, our newsletter, which was first published in 2016 in Japanese and English, has been distributed to related academic societies in various countries and is well received thanks to the hard work by former President Dr. Abe. Fortunately, thanks to the efforts of the Chief Editor of the academic magazine, Dr. Mikio Shoji, it has developed into Vas-Cog Journal, a joint publication with Vas-Cog Asia.

In addition, the number of members also increased steadily due to the efforts of the Chairman for Increasing Membership and Public Relations, Dr. Haruo Hanyu. As of August 2017, we have 143 active members, including 26 directors and 54 councilors and the membership is expected to increase in the future. Furthermore, the financial structure has been going very well. I sincerely thank the members, councilors, and directors who have supported this society for all these achievements.

I would like to continue to strengthen the financial structure under the guidance of Dr. Yoshio Ikeda, who is the newly appointed Chairman of Financial Affairs. Regarding conflicts of interest, we plan to set up a COI committee and prepare provisions under the direction of the Chairman, Dr. Masahiko Suzuki.

The 8th Annual Meeting of Vas-Cog Japan was held with great success on August 5, 2017, at Toranomon Hills, with Dr. Shinichiro Uchiyama and Dr. Issei Komuro as chairmen. I believe that many participants were satisfied with the very attractive

program at a great venue organized by the chairmen. The 9th annual meeting is to be held at Beppu International Convention Center August 4-5, 2018, with Dr. Katsuya Urakami and Dr. Etsuro Matsubara as chairmen, so we are expecting many of you to attend.

Our affiliate Vas-Cog Asia has been revitalizing year by year. The 6th meeting held in Nanjing City on October 26, 2017, was a huge success with Vas-Cog Asia Director, Dr. Koji Abe and Dr. Shinichiro Uchiyama serving as lecturers and moderators. The 7th annual meeting will be held in Jakarta on September 6, 2018. Vas-Cog World will also be held in Hong Kong November 24-27, 2018.

With regard to the major dementias such as Lewy body dementia, Parkinson's Disease-related dementia and frontotemporal dementia, as well as the rapidly increasing Alzheimer's Disease (AD) and vascular dementia, Vas-Cog Japan has been established to elucidate the relationship between blood vessels and dementia that are attracting attention in our rapidly aging society with the aim of advancing clinical and fundamental research from a new broader viewpoint beyond the concept that it is merely a vascular dementia as classified conventionally.

As the government has set the era of a lifetime at one hundred years, prevention and treatment of dementia is becoming a top priority task, such as the development of health care strategy for a one-year extension of life expectancy by 2020. In addition, Japan is bidding to host the World Exposition in Osaka in 2025

In response to such new academic and social demands, our society will continue to elucidate the deep linkage between functional and organic obstacles in blood vessels and the onset of dementia, and will develop new diagnostic and therapeutic methods. By doing so, we aim to contribute to the maintenance and development of a healthily aging society of all human beings, including Japanese.

Our society has developed steadily under the leadership of former Presidents Dr. Nagata and Dr. Abe. It is a unique academic society that covers a wide variety of interdisciplinary fields such as cardiology, neurology, and brain surgery through the active participation of everyone, so we are looking forward to the participation of many of you.

April 1, 2018

# Reports of the Vas-Cog Japan 2017



**Shinichiro Uchiyama, MD, PhD**  
 International University of Health and Welfare /  
 Sanno Hospital and Sanno Medical Center

The 8th annual meeting of Vas-Cog Japan was held on August 5, 2017 in Toranomon Hills Forum, Tokyo. Stroke and dementia are the first and second leading causes of dependency, which should be overcome with the top priority in order to prolong health life. Stroke and dementia share the same risk factors, and thereby they can be prevented simultaneously by controlling these vascular risk factors. Based on these viewpoints, the topic of this annual meeting was determined to be “Cognitive Impairment Thought from Organ Linkage”. Reflecting increased and expanded concern to dementia, not only specialists of Japanese Society of Neurology and Japan Stroke Society but also many non-specialists and general physicians attended, and the total number of participants was recorded to be the largest in annual meetings. In Symposium 1 entitled “Heart Diseases and Dementia”, many latest knowledges were presented, which was reputed timely to meet the topic of this meeting. In Symposium 2 entitled “Cerebral Small Vessel Disease”, frontline researches and latest reviews were presented regarding amyloid angiopathy, CADASIL and

CARASIL, molecular pathophysiology, and development of new treatments, and there were high levels of enthusiastic discussions. We invited Prof. Vladimir Hachinski as a guest speaker for the Special Lecture from Canada. He gave a very fascinating talk on cerebral white matter disease, and deep impression to audiences fulfilled in the room (Figure 1). There were lectures on imaging tests and cognitive tests in the Teaching Course, which were very useful for clinical practice. A variety of oral abstracts from bench to bedside were presented and much discussed. I was impressed with many participants before the presentations of poster abstracts and enthusiastic discussion. Presenters awarded YIA were all excellent and talented, who were hopes for future of our society (Figure 2). I would be very happy if our message that dementia is preventable along with stroke by managements of vascular risk factors was useful for participants’ clinical practice in patients with stroke and/or dementia as well as those with huge number of pre-stroke and/or pre-dementia.



図 1



図 2



# Vas-Cog Japan 2017



**Issei Komuro, MD, PhD**

Department of Cardiovascular Medicine,  
The University of Tokyo Graduate School of Medicine

On August 5<sup>th</sup>, we had Vas-Cog Japan 2017 at Toranomon Hills. There were total 206 participants, which is the largest number of Vas-Cog Japan. There were one special lecture, two symposia (1. Cardiac diseases and dementia, 2 Cutting-edge research of brain microvascular diseases and dementia), YIA, three oral presentations, two educational seminars, four cosponsored seminars and five posters. Prof. Vladimir Hachinski (The University of Western Ontario) gave us a wonderful special lecture entitled “Cognition, White Matter and Red Flags” and greatly attracted all audience. This was the first time for me to attend the Vas-Cog Japan and I have learned many things. In particular, I chaired symposium 1 and have recognized again that there is intimate relation between cardiac diseases and dementia. There has been a big change in cardiac diseases in Japan by becoming super aging societies. Twenty years ago, number one cause of cardiovascular death was myocardial infarction, but now treatment for myocardial infarction has improved and death rate has been decreased. Instead, mobility and mortality of heart failure have been increased. Valvular diseases are also changed. Rheumatic valvular diseases have been

decreased whereas aortic stenosis and mitral valve regurgitation have been increased. Valvular diseases also finally resulted in heart failure and a decrease of blood flow in the brain induces dementia. The number of patients of atrial fibrillation has also been increased and cardiogenic cerebral infarction has been increased, leading to dementia. Therefore, there is intimate relationship among cardiovascular diseases, stroke and dementia, and it is becoming more and more important to promote prevention and treatment for cardiovascular diseases and stroke to prevent dementia together with many related societies. The Japanese Circulation Society has made five-year strategy for stroke and cardiovascular diseases with many related societies at last year. In this sense too, Vas-Cog Japan2017 was very important and had a big meaning for me. I would like to express sincere thanks to president Uchiyama, vice president Kitagawa, and all people who helped us to hold Vas-Cog Japan2017 as well as to all participants.



図 1



図 2

# Meeting report of Vas-Cog Asia 6 from Nanjing



**Koji Abe, MD, PhD**  
Vas-Cog Asia President

I would like to celebrate the great success of Vas-Cog Asia 6, which was held in Nanjing on October 26 afternoon (2017) always jointing with Asia-Pacific Stroke Conference (APSC) based on the great supports by Professor Ying-Dong Zhang (APSC2017 chair) and Professor Jie Yang (Nanjing). We had 27 participants from Japan, Taiwan, Korea, China, Hong Kong, Malaysia, Indonesia and India. There were variety of important presentations in the present conference. Many basic science, translational research, clinical trials and evidence were discussed especially on the aspects of Alzheimer’s disease (AD), vascular dementia (VD), behavioral and psychiatric symptoms of dementia (BPSD), and their important vascular involvement. In the Young Flash Talks session, young Asian researchers from Japan, Taiwan, and Hong Kong presented pretty nice talks, which were successfully congratulated.

many active members, which is dedicated to elucidate the mechanism of vascular factors in Alzheimer’s disease and related dementia, and to contribute potential therapy for dementia people in Asia. Many vascular risk factors (VRFs) are related to cognitive decline and affective-emotional changes in dementia patients especially in elder or eldering countries in Asia. Next Vas-Cog Asia is going to be held in Jakarta (Indonesia) on September 6, 2018 as Vas-Cog Asia 7, and Vas-Cog World is going to be held in Hong Kong on November 14-17 organized by our director Vincent Mok. All of you are welcome to actively join these forthcoming Vas-Cog meetings to present and discuss on vascular factors of all type dementia.

October 26, 2017

Vas-Cog Asia society is an independent society with 24 directors from most Asian countries and



## Welcome to Vas-Cog Japan 2018



Section of Environment and Health Science,  
Department of Biological Regulation,  
Faculty of Medicine, Tottori University

**Katsuya Urakami**

We are pleased to welcome you to the Vas-Cog Japan 2018 to be held at the Beppu International Convention Center (B-con Plaza), August 4-5, 2018.

Japan faces a super-aging society in which the number of patients suffering from dementia has soared. Nobody doubt that this is the urgent problem that should be settled from a socio-economic standpoint. Recently, it becomes clear that life-style related disease as well as the vascular lesions occurring afterwards are heavily involved in the onset and exacerbation of dementia such as Alzheimer's disease. We would like to focus on the relationship between the vascular pathophysiology and the onset of dementia. Our society also needs to nurture and recruit young physicians and researchers having great energy to



Oita University Faculty of Medicine  
Department of Neurology

**Etsuro Matsubara**

fight against dementia. In the Vas-Cog Japan 2018, we have decided "Elucidation of the significance of vascular lesions in dementia-aiming to nurture young physicians and researchers-" as a theme.

Vas-Cog Japan 2018 will be the first time that we have a two-day meeting, which allows you to participate and visit for a great deal of information regarding vascular cognitive impairments. As you know, Beppu is a hot spring town representing "Onsen-ken Oita". After a moderate stimulation to the brain at the meeting, we are sure that you will be able to refresh both mind and body with the delicious sake and seasonal food as well as a hot spring. We are looking forward to seeing you in Beppu.

9th Annual Meeting of the Japanese Society for Vascular Cognitive Impairment

第9回 日本脳血管・認知症学会総会

# VAS-COG Japan 2018

「認知症における血管病変の意義の解明」  
～若手医師・研究者の育成を目指して～

会期

2018年8月4日(土)-5日(日)

演題登録期間

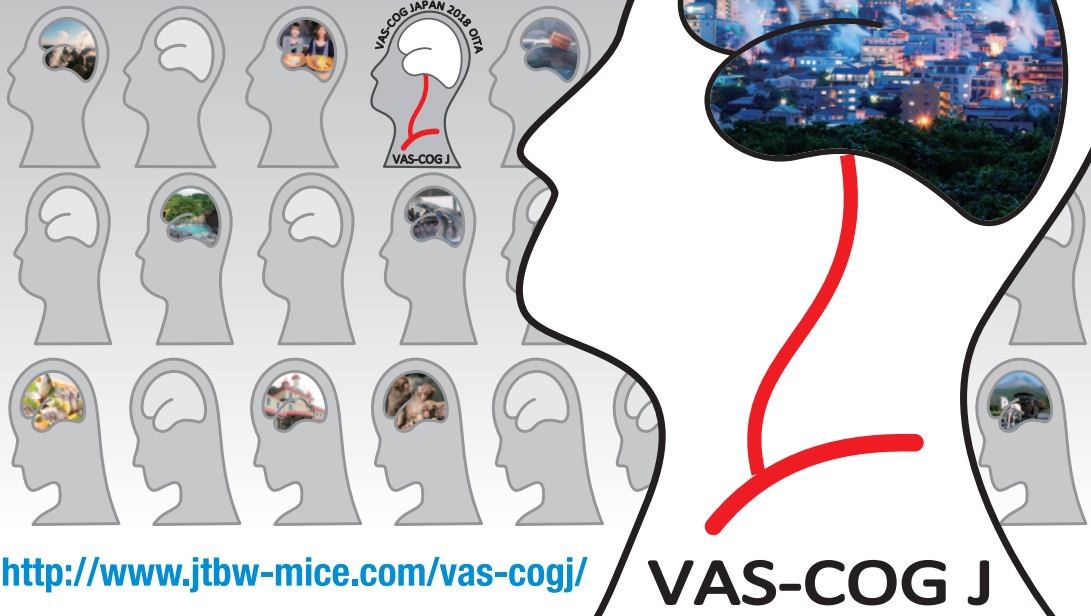
2018年3月14日(水)～  
4月16日(月)

会場

B-Con Plaza 〒874-0828  
大分県別府市山の手町12番1号  
別府国際コンベンションセンター

会長

浦上 克哉 (鳥取大学医学部 保健学科生体制御学)  
松原 悦朗 (大分大学医学部 神経内科学講座)



<http://www.jtbw-mice.com/vas-cogj/>

## VAS-COG J

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# Reports of Vas-Cog Japan Council Meeting

**Ryuichi Morishita, MD, PhD**

Osaka University



The 9th board member meeting and council meeting for Japan Vas-Cog were held together on the 5th of August, 2017 in Toranomon Hills Forum 4th floor, with 19 board members, 2 auditors and 11 councilors in attendance.

The President and members reported on and approved the topics below:

**[Membership]** 155 regular members (20th July 2017)

**[Constitutional revision]** The fiscal year and personnel will be from April to March, and personnel changes decided at the general meeting in August will take effect from April of the following year.

**[Report from each chairman]**

\*The chairperson for the promotion of becoming a society, Dr. Katsuya Urakami, discussed the application for registration of academic groups. One hundred members have been cleared, which is one of the certification requirements. However, as the following conditions have not been satisfied, it will be necessary to wait for certification for several years.

<Registration conditions:>

1. More than half of the peer-reviewed papers are published in the journal.
2. Publishing journal regularly.

<Target:>

Publish the first peer-reviewed paper (Vas - Cog Journal Vol. 5) during or after the fall of 2018

\*The chairperson for increasing membership and public relations, Dr. Haruo Hanyu, discussed increasing the number of support members. Six banner advertisement places on the homepage as a membership bonus. There are 2 subscribing companies (1 company is sponsoring only banner advertisement) but as there are currently 4 vacancies, I would like to continue calling on businesses.

\*The chief editor of the academic magazine, Dr. Mikio Shoji, discussed:

- Preparations for the production of Vas-Cog Journal Vol. 4 will commence after the conference
- Vas-Cog Journal Vol. 5:
  - a. Collection of submitted manuscripts (as numbers are expected to be insufficient, it shall be assumed to be obligatory initially)
  - b. From the registered abstract of the 8th meeting, we will post to the YIA target group as a paper at a later date
  - c. Submit abstracts from the subjects from the program of the 8th meeting of the congress
- Regarding regulations for contribution: We circulate to reference societies, consider at board meetings, and prepare drafts

- Approximately ten members from the committee will be selected for peer-review committee members and editorial committee members

\*The COI Chairperson, Director Suzuki  
 About COI of academic journals and academic congress  
 Advance creation of provisions concerning presenters and authors at the same time as posting regulations  
 ※ Refer to the same academic conference as above.

\*The chairperson of financial affairs, Dr. Ryuichi Morishita, reported:

Both auditors, Dr. Shimamura and Dr. Matsumura reported that accounting was properly conducted in the audit report.

[Plans for future meetings]

1. The 11th ICVD (22nd and 23rd of February 2018 / will be held in Paris)
2. The 9th Meeting (4th Sat. and 5th Sun. of August, 2018)  
 B-ConPlaza, Beppu International Convention Center in Oita  
 Organizers: Dr. Katsuya Urakami and Dr. Etsuro Matsubara
3. The 10th Meeting (3rd Sat. of August 2019)  
 Ochanomizu Sola City in Tokyo  
 Organizers: Dr. Masahiro Akishita and Dr. Yoshio Ikeda
4. The 11th Meeting (12th and 13th of September, 2020)  
 Awa Kanko Hotel in Tokushima  
 Organizers: Dr. Shunya Takizawa and Dr. Masataka Sada
5. Refer to the last page for subsequent schedules

**[On recommendation of candidates for new president, etc.]**

Dr. Morishita was recommended and unanimously approved as the next president - a founding director with great contributions to dementia in vascular biology and the whole science, and practical contributions as a director of general affairs, and the future development of this academic society

It is a founding director as Chairman of the next president from Abe President,

Also, Dr. Yoshio Ikeda has been recommended for the position of Director of General Affairs, by Dr. Abe. Dr. Ikeda, with a comprehensive knowledge of dementia, strokes and vascular biology, provides a focus for the next generation as society director. The recommendation was unanimously approved.

Finally, from Abe's appreciation speech at the end of the second, four-year term, the new personnel structure began on April 1, 2018, and the future direction of the society, including the introduction of a retirement system, will be presented and entrusted to Dr. Morishita.

**[Report of new board members / councilors]**

\* indicates board member or councilor



[Name list]

● Executive Advisor

Hiroshi Mori (Osaka City University/  
Tamiya Hospital)

● President

Ryuichi Morishita (Osaka University)

● Executive Directors (General Affairs)

Yoshio Ikeda (Gunma University)

● Executive Directors

Masahiro Akishita (The University of Tokyo)

Shinichiro Uchiyama

(International University of Health and Welfare)

Nobuya Kawabata (Yachiyo Hospital)

Koichi Kozaki (Kyorin University)

Masataka Sata (Tokushima University)

Masahiko Suzuki

(The Jikei University School of Medicine)

Yasuo Terayama (Iwate Medical University)

Ken Nagata

(Research Institute for Brain and Blood Vessels)

Toshiya Fukui (Kawasaki Memorial Hospital)

Etsuro Matsubara (Oita University)

Shohei Mitsuyama (Kumamoto University)

Shuhei Yamaguchi (Shimane University)

Koji Abe (Okayama University)

Katuya Urakami (Tottori University)

Kazuo Kitagawa (Tokyo Women's Medical University)

Issei Komuro (The University of Tokyo)

Mikio Shoji (Hirosaki University)

Syunya Takizawa (Tokai University)

Hidekazu Tomimoto (Mie University)

Haruo Hanyu (Tokyo Medical University)

Masatsugu Horiuchi (Ehime University)

Toshiki Mizuno

(Kyoto Prefectural University of Medicine)

Masaru Mimura (Keio University)

Masahito Yamada (Kanazawa University)

● Auditors

Munehisa Shimamura (Osaka University)

Miyuki Matsumura

(Institute of Geriatrics

Tokyo Women's Medical University)

● Councilors

- Hitoshi Aizawa (Tokyo Medical University)  
 Satoshi Abe (Shimane University Hospital)  
 Nobuyoshi Ishii (Oita University)  
 Masafumi Ihara  
 (National Cerebral and Cardiovascular Center)  
 Yumiko Uchiyama  
 (Tokyo Women's Medical University)  
 Takao Urabe (Juntendo University Urayasu Hospital)  
 Sumito Ogawa (The University of Tokyo)  
 Kenjiro Ono (Showa University)  
 Tatsushi Kamiya (Kamiya Clinic)  
 Noriyuki Kimura (Oita University)  
 Minoru Kouzuki (Tottori University)  
 Hisatomo Kowa (Kobe University)
- Kenji Sakai (Kanazawa University Hospital)  
 Naoyuki Sato  
 (Center for Development of Advanced Medicine for Dementia)  
 Yoshiki Takao (Kurashiki Heisei Hospital)  
 Ayumi Takamura (Tottori University)  
 Yasushi Takeya (Osaka University)  
 Hiroo Terashi (Tokyo Medical University)  
 Takahiko Tokuda  
 (Kyoto Prefectural University of Medicine)  
 Masao Nagayama (IUHW Atami Hospital)  
 Yasuto Higashi (Himeji Central Hospital)
- Nozomi Hishikawa (Okayama University)  
 Kouki Makioka (Gunma University Hospital)
- Toru Minamino (Niigata University) ※  
 Min Rijuan (Ehime University)
- Kenichi Meguro (Tohoku University)  
 Hideki Mochizuki (Osaka University)
- Toru Yamashita (Okayama University Hospital)  
 Kouji Wakayama (The University of Tokyo)
- Yasuhiro Aso (Oita University Hospital)  
 Masaki Ikeda (Gunma University Hospital)  
 Hiroo Ichikawa (Showa University Fujigaoka Hospital)  
 Jun Iwanami (Ehime University)
- Takahiko Umahara (Tokyo Medical University) ※  
 Yasuyuki Ohta (Okayama University)  
 Hiroaki Oguro (Shimane University Hospital)  
 Haruhisa Kato (Tokyo Medical University)  
 Yumi Kameyama (The University of Tokyo Hospital)  
 Hitomi Kurinami (Osaka University)  
 Taro Kojima (The University of Tokyo)  
 Masaki Kondo  
 (Kyoto Prefectural University of Medicine)  
 Hirofumi Sakurai (Tokyo Medical University)  
 Masayuki Satoh (Mie University)
- Daiki Takano (Yokohama General Hospital)  
 Shuko Takeda (Osaka University) ※  
 Kentarou Deguchi (Okayama University)  
 Takashi Tokashiki (Okinawa National Hospital)  
 Kazuaki Nagashima (Gunma University)
- Yu Hasegawa (Kumamoto University)  
 Yukihito Higashi ※  
 (Research Institute for Radiation Biology and Medicine)  
 Yukio Fujita (Gunma University)  
 Yasuhiro Manabe  
 (National Hospital Organization Okayama Medical Center)  
 Takafumi Miyachi (Yanai Medical Center) ※  
 Kazuhiro Muramatsu  
 (Tokyo Dental College Ichikawa General Hospital)  
 Masaki Mogi (Ehime University)  
 Takashi Yamazaki  
 (Research Institute for Brain and Blood Vessels-Akita)  
 Hiroshi Yoshizawa  
 (Tokyo Women's Medical University)  
 Yosuke Wakutani (Kurashiki Heisei Hospital)

## Editor's Note



**Mikio Shoji MD, PhD**  
Hirosaki University

The 1st meeting of Japanese research group of vascular dementia had started in 2010. Since then, we held 8th annual meeting as Vas-Cog Japan 2017 in Tokyo. Japanese Society of Vascular Cognitive Impairment Vas-Cog Japan are now developing with more than 150 association members. The 4th issue of Vas-Cog Journal reports the outline of the 8th annual meeting, VAS-COG Japan 2017, hosted by Professor Shinichirou Uchiyama and Professor Issei Komuro at Toranomon Hills in August 5, 2017. Invitation lecture delivered by Professor Vladimir Hatchinski from University of Western Ontario, a famous authority in this field, was deeply impressive and suggested future

direction of research for vascular cognitive impairment. Respective symposiums, lectures, 38 poster presentations and lively discussion were all higher level and impressive than those of previous meetings. More than 206 doctors and researches including many young investigators joined the meeting at Toranomon Hills. I deeply realized the developing of our society. Vas-Cog Japan 2018 will be convened at Beppu, Ooita prefecture. We are looking forward to manuscript publication in the next issue, Vol 5. I hope Japanese society and Journal could contribute further in this world-wide field.

## The past and future annual meeting of Vas-Cog Japan

- The 1st Meeting : August, 2010 (Tokyo) Chairman : Ken Nagata and Toshiya Fukui
- The 2nd Meeting : August, 2011 (Tokyo) Chairman : Koji Abe and Shokei Mitsuyama
- The 3rd Meeting : August, 2012 (Tokyo) Chairman : Ryuichi Morishita, Yasuo Terayama, and Koji Abe
- The 4th Meeting : August, 2013 (Tokyo) Chairman : Mikio Shoji and Haruo Hanyu
- The 5th Meeting : August, 2014 (Kyoto) Chairman : Toshiki Mizuno and Hidekazu Tomimoto
- The 6th Meeting : August, 2015 (Tokyo) Chairman : Shinya Kawabata and Shuheii Yamaguchi
- The 7th Meeting : August, 2016 (Kanazawa) Chairman : Masatsugu Horiuchi and Masahito Yamada
- The 8th Meeting : August, 2017 (Tokyo) Chairman : Shinichiro Uchiyama and Issei Komuro
- The 9th Meeting : August, 2018 (Beppu) Chairman : Katsuya Urakami and Etsuro Matsubara
- The 10th Meeting : August, 2019 (Tokyo) Chairman : Masahiro Akishita and Yoshio Ikeda
- The 11th Meeting : September, 2020 (Tokushima) Chairman : Shunya Takizawa and Masataka Sata
- The 12th Meeting : August, 2021 (planned) Chairman : Kazuo Kitagawa and Koichi Kozaki
- The 13th Meeting : August, 2022 (planned) Chairman : Masahiko Suzuki

- to be continued -

