

Vas-Cog Journal



No.3 Oct 27, 2016

Official Journal of Vas-Cog Japan Society

Vas-Cog Japan 2016 (August 6, Kanazawa) (group photo)



Greetings from Vas-Cog Japan society

Koji Abe, MD, PhD (President)



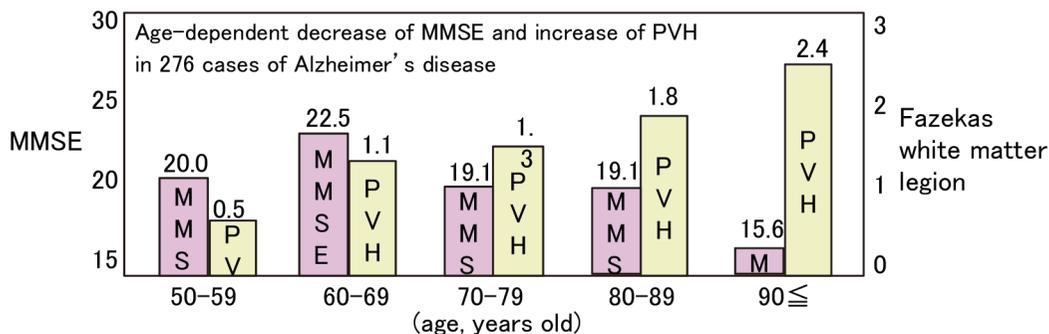
After establishment on 2010, Vas-Cog Japan society developed year by year for elucidating vascular contribution to Alzheimer's disease (AD) and vascular dementia. Even during this 1 year, our society kept developing with Vas-Cog Journal publication, 143 active members with 54 council members, and 26 directors. Based on the great contributions of Professors Urakami K, Hanyu H, Shoji M, and Morishita R, we are going well for stronger society, promotion, journal publication, and finance. I greatly thank all of our members, councils, and directors.

Year 2016 was memorable with the great success of Vas-Cog Japan 7th meeting held in the beautiful Kanazawa city organized by Professors Horiuchi M and Yamada M with more than 150 participants. Vas-Cog Japan 8th meeting will be held in Tokyo by Professors Uchiyama S and Komuro I. I would like also to celebrate the success of Vas-Cog Asia 5, which was held in Brisbane on July 14 (2016) always jointing Asia-Pacific Stroke Conference (APSC). Vas-Cog Asia is a formal society with 30 organizers and many

active members, which is going to be held in Nanjing (China) on October 26, 2017 as Vas-Cog Asia 6.

Vas-Cog Japan society is dedicated to elucidate the mechanism of vascular factors on any types of dementia, and to contribute potential therapy for dementia people. Many vascular risk factors (VRFs) are related to cerebral white matter lesion (WML). Because recent study suggested that age-dependent cognitive decline of AD is strongly related to the age-dependent worsening of WML (Tokuchi R et al., JNS 2016; 365: 3-8), we will continue to investigate vascular and other risk factors both for preventing and treating AD and other dementias. I hope you to actively join our society for fighting against dementia in aged societies.

August 15, 2016



Reports of Vas-Cog Japan 2016

Masatsugu Horiuchi, MD, PhD
Ehime University



Dear Colleagues and Friends,

The 7th Vas-Cog Japan was held at Kanazawa Miyako Hotel in Ishikawa on August 6, 2016. Dr. Yamada in Kanazawa University and I organized this year's conference. The conference was greatly successful with 160 participants from all over the country.

The main theme of this conference is “Cardiovascular disease and metabolic disorder-induced dementia and cerebral amyloid angiopathy (CAA)” . The conference was included 2 special lectures, 2 educational lectures and 2 symposiums with 3 or 4 speakers. 37 abstracts were accepted for general subjects including 12 abstracts for the young investigator award (YIA). Three young speakers won the best YIA after careful consideration.

The first special lecture was presented by Prof. Minamino from Niigata University. He talked about “The cardiometabolic network regulated by senescent signaling” . The second lecture was presented by Prof. James AR Nicoll from University of Southampton. He talked about “The role of vascular system in dementia” . He demonstrated the Amyloid Related Imaging Abnormalities (ARIA) induced by amyloid β vaccine therapy. Two educational lectures included the past, current and future of vascular dementia, and imaging on dementia with Lewy bodies. These lectures were highly valuable

and instructive for us. In the symposium, distinguished speakers discuss about their excellent research results regarding life-style related disease-induced dementia and imaging of CAA and CAA-related inflammation.

After the conference, participants enjoyed the closing party and a ceremony for awarded young speakers. Finally, Dr. Uchiyama in Sannou Hospital introduced the next Vas-Cog Japan meeting held in Tokyo. During the party, we also enjoyed to see fireworks performed near Kanazawa city through the window. We greatly appreciate all the participants for the contribution to the success of the conference.

(The article is written by Dr. Masaki Mogi)



After the Vas-Cog Japan 2016

Masahito Yamada, MD, PhD
Kanazawa University



We successfully finished the Vas-Cog Japan 2016 at the Kanazawa Miyako Hotel on August 6, 2016, comprising of the educational lectures, symposia, poster presentations, special lectures, and sponsored seminars. This is the first occasion that the meeting is held in the local city other than Tokyo or Kyoto since the Society has been established in 2010. A hundred sixty delegates, including researchers, trainee doctors, and medical students, participated in the meeting to have fruitful discussions.

In the Vas-Cog Japan 2016, we have decided “Cardiovascular and metabolic disorders and dementia, and cerebral amyloid angiopathy (CAA)” as a theme. Professor Toru Minamino at Niigata University and Professor James Nicoll at the University of Southampton gave us splendid special lectures regarding relationship between vascular system and dementia. There were also

many discussions in the sections of the symposia. Furthermore, poster presenters and delegates discussed fruitfully during the poster discussion session. Among 12 candidates, 4 presentations were chosen as Young Investigator Award (YIA).

We sincerely thank all members of the Ehime and Kanazawa universities for their cooperation and all the participants for their contributions to the conference.



An impression on Vas-Cog Asia ~ Meeting report of Vas-Cog Asia 5 from Brisbane ~

Koji Abe, MD, PhD (Vas-Cog Asia President)



I would like to celebrate the great success of Vas-Cog Asia 5, which was held in Brisbane on July 14 afternoon (2016) always jointing with Asia-Pacific Stroke Conference (APSC). We had 35 participants from Japan, Taiwan, Korea, China, Hong-Kong, Malaysia, Indonesia and Australia. 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), and their important vascular involvement. In the Young Flash Talks session, young Asian researchers from Japan and China presented pretty nice talks, which were successfully congratulated.

Dementia and stroke are two major neurologically disabling diseases, and are now closely related each other in rapidly ageing our Asian societies. Therefore, this Vas-Cog Asia will become more important meeting and the

society in Asia. World Stroke Society (WSO) proclaimed on the World Stroke Day that stroke and potentially preventable dementia is important to prevent, identify, and treat, because 80% of AD now carry vascular component.

Vas-Cog Asia society is a formal society with 23 directors from most Asian countries and many active members, which is dedicated to elucidate such a mechanism of vascular factors on any types of 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. Next Vas-Cog Asia is going to be held in Nanjing (China) on October 26, 2017 as Vas-Cog Asia 6. All of you are welcome to actively join this forthcoming meeting to present and discuss on vascular factors of all type dementia.

August 15, 2016



Welcome to Vas-Cog Japan 2017



Shinichiro Uchiyama, MD, PhD

International University of Health and Welfare /
Sanno Hospital and Sanno Medical Center

We planned to hold the Vas-Cog Japan 2017 on August 5 in Tokyo. The number of participants is growing along with the increase of patients with cognitive impairment. The topic of this meeting is “Cognitive Impairment from Aspect of Organ Linkage” . According to the recent knowledge, all major dementia have a vascular component including 80% in Alzheimer's disease. Silent strokes occur 5 times as often as clinical strokes, and may affect memory, behavior, mood, and personality. Additionally, heart diseases such as heart failure and atrial fibrillation have recently been recognized to affect cognitive function.

Disruption of neurovascular units associated with impairment of brain microcirculation, which is promoted by vascular components, is much argued as a mechanism of Alzheimer's disease. Imaging markers for cognitive decline are recently focused on cerebral microbleeds, cortical microinfarcts, widening of vascular spaces, superficial siderosis, and cortical thinning in addition to classical markers such as silent brain infarcts and subcortical white matter lesions.

Based on these backgrounds, we would like to widely discuss about the relationships between disturbance of systemic organs or blood vessels



Issei Komuro, MD, PhD

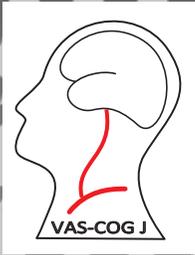
The University of Tokyo

and cognitive impairment in this meeting. We are planning lectures and symposia which meet these highlights, as well as oral and poster sessions for young investigators. We are pleased to do our best for you to enjoy and satisfy this meeting.

The Venue Toranomon Hills building is a new popular facility, which is closely located to Ginza, and easily connects to Shinjuku or Shibuya Station. There are many new restaurants and shops around this area. There would be many midsummer events as well.

We hope to have many abstracts and delegates. Please join this meeting. All of you are very welcome.

VAS-COG Japan 2017



第8回日本脳血管・認知症学会総会
8th Annual Meeting of the Japanese
Society for Vascular Cognitive Impairment
<http://www.conet-cap.jp/vas-cogj/>

臓器連関から考える認知機能障害

日時 2017年8月5日(土)

場所 虎ノ門ヒルズフォーラム
〒105-6305 東京都港区虎ノ門1-23-3 虎ノ門ヒルズ森タワー4階

演題登録期間

2017

3月

15日
(水)



2017

4月

17日
(月)

会 長：内山 真一郎

国際医療福祉大学臨床医学研究センター/
山王病院・山王メディカルセンター 脳血管センター

小室 一成

東京大学大学院医学系研究科 循環器内科学

副会長：北川 一夫

東京女子医科大学医学部 神経内科

総会事務局

〒162-8666
東京都新宿区河田町8-1
東京女子医科大学医学部 神経内科
事務局長：吉澤 浩志 (講師)

運営事務局

〒532-0004
大阪府大阪市淀川区西宮原1-8-29
テラサキ第2ビル 株式会社コネット
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E-mail: vas-cogj@conet-cap.jp

Reports of Vas-Cog Japan Council Meeting

Ryuichi Morishita, MD, PhD
Osaka University



The 8th board member and council meeting for Japan Vas-Cog was held together on the 8th of August, 2016 in Kanazawa at the Miyako Hotel, with 19 board members and 25 councilors in attendance.

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

[Membership] 143 regular members (31st July 2016)

[Report from each chairman]

*The chairperson for the promotion of becoming a society, Dr. Katsuya Urakami, discussed the difficulties of forming a society.

We must have the researcher number of grants - in - aid for scientific research and must have over 100 members without nonpayment of membership fees. We would like to ask for cooperation with payment of membership dues.

*The chairperson for increasing membership and public relations, Dr. Haruo Hanyu, discussed increasing supporting memberships.

We created space for six homepage banner advertisements. At the moment, we have four spaces vacant, and would like to ask for your cooperation in asking more companies.

*The chief editor of the academic magazine, Dr. Mikio Shoji, discussed selecting a person to be in charge for a third volume of the periodical, which will be mailed in November.

The president reported at the Vas-Cog Asia board meeting that since there is no journal for Asia, it will be combined with the Japan Journal. In the future, we are aiming to receive an Asian journal circular.

*The chairperson of financial affairs, Dr. Ryuichi Morishita, reported on the financial accounting and discussed the bank account balance of JPY210,000 at the end of March 2016. In 2015, income was JPY670,000 and outgoing was JPY1,400,000. In this period, there was more outgoing, however, we have contributions from Vas-Cog J 2015 of a little under JPY500,000 and from Vas-Cog World of a little more than JPY3,500,000. We assume this year's operations will go smoothly. We would like to ask for payment of membership fees, for those who have yet to pay. Auditing will be Dr. Matsubara and Dr. Morishita. Next year, we will ask Dr. Shimamura and one other person. We are unable to have president act as auditor for an incorporated association.

[Plans for future meetings]

1. The 8th Meeting (August 5th, 2017: Toranomon Hills, Tokyo)

Organizers: Dr. Shinichiro Uchiyama, Dr. Issei Komuro, and Vice-Chairperson Dr. Kazuo Kitagawa

2. Vas-Cog Asia 2017 (October 26 (Thu) 2017, Nanjing)

3. The 9th Meeting (2018)

Organizers: Dr. Katsuya Urakami and Dr. Etsuro Matsubara

4. The 10th Meeting (2019)

Organizers: Dr. Masahiro Akishita and Dr. Yoshio Ikeda

See homepage for further plans

[Report of new board members / councilors]

* indicates board member or councilor

[Name list]

● Executive Advisor

Hiroshi Mori (Osaka City University)

● President

Koji Abe (Okayama 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)

Shokei Mitsuyama (Kumamoto University)

Shuheji Yamaguchi (Shimane University)

● Auditors

Munehisa Shimamura (Osaka University)

● Secretary General

Ryuichi Morishita (Osaka University)

Yoshio Ikeda (Gunma 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)

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)
 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)
- Kenji Sakai (Kanazawa University Hospital)
 Naoyuki Sato (Osaka University)
 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) ※
 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)
- Yasuhiro Aso (Oita University Hospital)
 Masaki Ikeda (Gunma University Hospital)
 Hiroo Ichikawa (Showa University Fujigaoka Hospital)
 Jun Iwanami (Ehime 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)
 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 (University of the Ryukyus)
 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)
 Min Rijnan (Ehime University) ※
 Kenichi Meguro (Tohoku University)
- Hideki Mochizuki (Osaka University)
 Toru Yamashita (Okayama University Hospital)
 Kouji Wakayama (The University of Tokyo)

Editor's Note



Mikio Shoji MD, PhD.
Hirosaki University

Here we bring you the 3rd issue of Vas-Cog Journal. The 7th meeting, Vas-Cog Japan 2016, hosted by Dr. Masatsugu Horiuchi in Ehime University, and Dr. Masahiko Yamada in Kanazawa University at Kanazawa Miyako Hotel in August 6 2016. In this issue, topics from the meeting were featured. Dr. Nicoll from Southampton University delivered invitation lecture. Two symposiums, 2 lectures, 37 poster presentations and lively discussion were all higher level and impressive. More than 160

doctors and researches including many young investigates joined the meeting. I deeply impressed the developing of this field and our society. Society office well supported agenda, and new participation of board and councilor members were selected for the next Vas-Cog society. International network is now developing with Vas-Cog World and Vas-Cog Asia. We are looking forward to manuscript publication in the next issue, and 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 Shuhei 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 : August, 2020 (planned) 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 -