

## Report of the 101st Meeting of the Board of Directors and the Enlarged Executive Committee

Date and Time : March 20, 2022 (Fri) 14:00-18:00

Meeting format: Online meeting using Zoom

**Attendants:** 31 persons \*Titles omitted

### **[Board of Directors]**

Michisuke Yuzaki (President), Shigeo Okabe (Vice President), Tadafumi Kato (Vice President), Yoshikazu Isomura (Director of General Affairs), Toshihisa Ohtsuka (Deputy Director of General Affairs; Annual Meeting Committee Chair), Tsuyoshi Miyakawa (Deputy Director of General Affairs; Future Planning Committee Chair), Hiroyuki Kamiguchi (Journal Director; NSR Committee Chair), Koji Yamanaka (Treasurer), Takeshi Iwatsubo, Kenichi Ohki, Noriko Osumi, Hiroshi Kiyama, Kazuto Kobayashi (President of the 46<sup>th</sup> Annual Meeting), Kenji Doya (President of the 45<sup>th</sup> Annual Meeting), Akiko Hayashi-Takagi, Haruhiko Bito (President of the 44<sup>th</sup> Annual Meeting; Chair of the Working Group for Collaboration among Japanese, Chinese and Korean Neuroscience Societies), Fumino Fujiyama, Masahiko Watanabe

### **[Committee Chairs]**

Tetsu Okumura (BrainBee Committee), Norio Ozaki (Inter-society Liaison Committee), Wataru Kakegawa (Website Committee), Yukiko Goda (International Collaboration Affairs Committee), Aya Takemura (Animal Experiment Committee), Takashi Hanakawa (Ethics Committee), Hirokazu Hirai (Working Group Chair for Management of JNS), Tomoyuki Furuyashiki (Neuroscience News Editing Committee), Thomas J. McHugh (Working Group Chair for JNS Official Journals), Tetsuya Matsuda (Advocacy Committee; COI Committee), Kenji Matsumoto (Outreach Committee; Industry-Academia Partnership Committee), Junichiro Yoshimoto (Information Infrastructure Committee), Ayako M. Watabe (Diversity Committee; Japan Neuroscience Society Young Investigator Award Selection Committee)

**Absentees:** 7 persons \*Titles omitted

Akihiro Yamanaka (Director of Public Relations), Hideyuki Okano, Kiyoto Kasai, Norihiro Sadato, Yasunori Hayashi (Brain Science Dictionary Committee Chair), Teruhiro Okuyama, Mariko Miyata (PIC of the Union of Japanese Societies for Biological Science)

#### Reported Items:

- 1) Yoshikazu Isomura, Director of General Affairs, reported on the membership composition, number of new members and withdrawals, and sponsorships (See Appendix A). He reported that membership has halted its downward trend and returned to the level that prevailed a few years ago.
- 2) Haruhiko Bito, President of the 44<sup>th</sup> Annual Meeting (2021), presented the financial report of the 44th Annual Meeting (2021).
- 3) Kenji Doya, President of the 45<sup>th</sup> Annual Meeting (NEURO2022), reported on the preparations for the 45th Annual Meeting (2022), NEURO2022. He announced that following confirmation of various symposiums as well as domestic and overseas Travel Award winners, the registration of general abstracts was closed with approximately 1,400 submissions, which is similar to the number before the COVID-19 pandemic, and that the deadline for several grants and corporate sponsorships is being extended until the final decision is taken on the meeting format. He also reported that the committee will finalize the format of the event (it was decided that the meeting will be held in a hybrid format after the board meeting), continue its activities to obtain more grants and corporate sponsorships, and call for LBA.
- 4) Kazuto Kobayashi, President of the 46<sup>th</sup> Annual Meeting (2023), reported on the status of preparations for the 46th Annual Meeting (2023). The Executive Committee has already held several online meetings and decided on the theme of the conference, three speakers for the plenary lectures, executive committee members, program core committee members, candidates for program committee members (in preparation for requests), and candidates for special lectures (requesting in progress). In addition, he elaborated that the content of the planned symposium, the method of 'call for' and announcement of public symposiums, format of poster presentations, method of holding the reception, and so on are under consideration.
- 5) Shigeo Okabe, President of the 47<sup>th</sup> Annual Meeting (2024), reported on the preparations for the 47th Annual Meeting (2024). He reported that the meeting will be held from July 24 (Wed) to July 27 (Sat), 2024, as a joint meeting with the 67th Annual Meeting of the Japanese Society for Neurochemistry (President: Shuichi Koizumi [University of Yamanashi]) and the 46th Annual Meeting of the Japanese Society of Biological Psychiatry (President: Hidenori Yamasue [Hamamatsu University School of Medicine]). In addition, he reported that the venue has been decided as Fukuoka Convention Center (Fukuoka International Congress Center and Marine Messe Fukuoka Hall B), and that the organization members of the annual meeting, Toshihisa Otsuka (University of Yamanashi) and Yukiko Goda (RIKEN) have been decided as the Executive Committee Chair and Program Committee Chair, respectively.
- 6) Hiroyuki Kamiguchi, Editor-in-Chief of Neuroscience Research, explained the results of peer review and publication of special issues in 2021, as well as the selection process for the newly established NSR Paper Award. He reported that more than 600 papers are expected to be submitted annually, that the acceptance rate will be maintained at the current level, and that three special issues will be published annually (see "Items Reported by

the NSR Committee").

- 7) Ayako Watabe, Japan Neuroscience Society Young Investigator Award Selection Committee Chair, presented the results of the selection, stating that five candidates (including one female candidate) were selected among 24 candidates (including seven female candidates and one non-Japanese candidate) after carefully reviewing the selection policy. She also explained that this was the first paperless selection and that the next selection committee chair, Fumino Fujiyama (Hokkaido University), is scheduled to be appointed (see "Report of the Selection Committee for the Young Scientist's Awards").
- 8) Yoshikazu Isomura, Director of General Affairs, reported some items related to the Joseph Altman Award in Developmental Neuroscience. As a result of extending the deadline by 10 days, 27 applicants (four from Japan and 23 from overseas) applied for the award. As a result of the selection process, Dr. Denis Jabaudon (Department of Basic Neuroscience, University of Geneva, Switzerland) was selected as the winner of the Altman Award (see "Report of the Selection Committee for the Joseph Altman Award in Developmental Neuroscience").
- 9) Yoshikazu Isomura, Incorporation Executive Committee Chair, reported on the status of preparations for transition to a general incorporated association (see "Items Reported by the Incorporation Executive Committee").

#### Agenda Items:

- 1) Yoshikazu Isomura, Incorporation Executive Committee Chair, presented the proposed implementation of the establishment of a general incorporated association and the results of the second membership survey. He explained the Academic Domain System, Councilor System, Board of Directors (Directors, President, and others) System, and specific proposal and schedule including the establishment of a general incorporated association with a view to transitioning to a public interest incorporated association in the future, which were all approved.
- 2) Koji Yamanaka, Treasurer, reported on the account closing for fiscal year 2021 for JNS and provisional account closing for fiscal year 2021 for NSR, and both were approved (Appendices B and C). He also reported on the budgets for JNS and NSR for fiscal year 2022, and both were approved (Appendix D).
- 3) Michisuke Yuzaki, President, presented the possible venues for the 48th Annual Meeting (2025). After discussion about five venues, namely Tokyo International Forum, Makuhari Messe, Sapporo Convention Center, TOKI MESSE, and G MESSE GUNMA, the Sapporo Convention Center, TOKI MESSE, and G MESSE GUNMA were shortlisted.
- 4) Michisuke Yuzaki, Chair of the Neuroscience Research Steering Committee, proposed to elect Dr. Thomas J. McHugh as the next Editor-in-Chief, which was approved.
- 5) Michisuke Yuzaki, President, proposed outreach activities using SNS. He explained the information from the JNS secretariat (e.g., summary of the convention newsletter, etc.) and proposed the operation of "Neuro

Navigator" by young members, both of which were approved.

- 6) Toshihisa Otsuka, the Annual Meeting Committee Chair, proposed changes to (1) annual meeting participation and abstract submission of Senior and Honorary Members and (2) the scope of publication setting of abstracts of the annual meetings, which were tabled for (1) and approved for (2) (see "Items Reported by the Annual Meeting Committee Reported (Agenda) Items ").
- 7) Takashi Hanakawa, Ethics Committee Chair, made a proposal concerning the revision of "Guidelines on Ethical Issues in Non-invasive Research on Human Brain Functions," which was approved (see "Items Reported by the Ethics Committee").

Reports on Activities from Each Committee and Working Group:

(Refer to each Committee)

Items Reported by the NSR Committee:

Items reported since the last meeting of the Board of Directors

- The NSR Best Paper Award and NSR Excellent Paper Award were selected, and the winning papers were chosen.
- The above-mentioned winning papers were announced via e-mail to the Society's members and on the Society's website. The papers will also be published in the May issue of Neuroscience News.
- The Scientific Managing Editor (SME) system was introduced. Elsevier proposed the introduction of a system under which SMEs, who are the in-house experts, review papers rejected by NSR and recommend submission to other journals of the company. After confirmation that there would be no increase in the workload of editorial board members and editorial staff, a decision was made to introduce the system with the approval of editorial board members in operation. There is a possibility that other journals that have introduced this system will send their submissions to NSR.

Activity targets and plans for the next six months

- Continue recurring editorial-related work and promotional activities.
- Compile a list of candidate papers required for the NSR Best Paper Award and NSR Excellent Paper Award selection in January 2023.

#### Items Reported by the Incorporation Executive Committee:

Items reported since the last meeting of the Board of Directors

- In September 2021, an incorporation executive committee was formed to establish a general incorporated association and a roadmap for incorporation was created.
- In November of the same year, a membership survey regarding the new panel and councilor system was conducted (1,382 responses).
- The second membership survey was conducted in January 2022 on the proposed implementation of the incorporation (933 responses).
- The proposal for incorporation was revised and completed with input from the Executive Committee, membership survey, judicial scriveners, and others (to be discussed at this board meeting).

Activity targets and plans for the next six months

- Prepare draft articles of incorporation for a general incorporated association under the guidance of a judicial scrivener, certified public accountant, etc.
- Aim to have our general incorporation and articles of incorporation approved at this summer's general meeting.
- Pave the way for election of councilors, directors, and president (chairman) by regular members and others around this fall.
- Establish a general incorporated association in April 2023.

#### Items reported by the Nominating Committee:

Items reported since the last meeting of the Board of Directors

- Society nominees were selected for the Shimadzu Research Promotion Award.
  - Masanori Murayama (RIKEN CBS) was elected.
- Society nominees were selected for the Toray Science and Technology Research Grant.
  - Hiroaki Norimoto (Hokkaido Univ.) and Keisuke Yonehara (NIH) were both elected.
- Three nominees recommended by the society were selected for the Yamada Science Foundation research grants.
- Candidates for the Toshihiko Tokizane Memorial Award Selection Committee members were selected (half of the members were re-elected) and were submitted to the Board of Directors.

- Society candidates were selected for the National Institute for Physiological Sciences' Steering Committee members.

#### Activity targets and plans for the next six months

- Continue to ensure fair selection of appropriate people while maintaining diversity.

#### Future issues for consideration

- Regarding nomination of the society for various external awards, we have been passively selecting those who have requested to be nominated by the society. However, in the future, to develop the field of neuroscience, we are considering actively contacting potential candidates from the society.

#### Items reported by the Future Planning Committee:

#### Items reported since the last meeting of the Board of Directors

##### 1 . Signature of DORA

In response to a proposal from the Union of Japanese Societies for Biological Science on the Declaration on Research Assessment (DORA; "San Francisco Declaration on Research Assessment"; <https://sfedora.org/read/>), the Working Group for JNS Official Journals and the Future Planning Committee discussed it and recommended the Board of Directors to sign it as an academic society. After discussion by the Board of Directors, the Society formally endorsed and signed the Declaration on December 15, 2021 (for details, see the Notice of Signature of DORA in Appendix 1).

##### 2 . About the Open Forum

In the past, the luncheon forum (this year, the annual meeting will be held online and no luncheon will be provided, so it will be called the "Open Forum") alternated every year between scientific topics, topics on the research environment, and others. In FY2020, in conjunction with the Outreach Committee, we held the Open Forum on scientific topics. In FY2021, a general topic was selected and held in the open forum entitled "What should be the future career path?" in collaboration with the Industry-Academia Partnership Committee, with the following panelists on Saturday, February 19, 2022 at 14:00 (see Attachment 2 poster). Sachiko Iseki (Professor, Tokyo Medical and Dental University/Vice President, The Union of Japanese Societies for Biological Science), Shingo Ebata (Assistant to head of office (Professor) Tokyo Institute of

Technology Strategic Management Office/Director-General for Policy Planning Division, Cabinet Office), Takuya Saito (Director, Human Resource Policy Division, Ministry of Education, Culture, Sports, Science and Technology), Junichi Chikazoe (Team Leader, Neurotech R&D Unit, Araya Inc.), Akane Tedukka (Gatsu-gatsu Wakate Working Group, AirBridgem, Ministry of Education, Culture, Sports, Science and Technology), Tomonori Fukasawa (President, Emerging Technologies Corporation/Leader, Unit for Study of Career Paths, The Preparatory Committee for Japanese Association for the Advancement of Science), Naotaka Fujii (Representative Director, CEO, Hacosco Inc), Akira Mori (Professor, Yokohama National University/Liaison Member, Biological Science Subcommittee Vice-Chair, Subcommittee Member of Young Academy, and Subcommittee Organizer on Human Resource Development for the Future of Science in Science Council of Japan)

Host: Tetsuya Matsuda (Professor, Tamagawa University)

<https://www.jnss.org/general-events?id=paneldiscussion-2022&u=002421897091d94201fcbcb082903574>

- A questionnaire was sent out prior to the conference, and approximately 280 responses were received from within and outside the society, including 101 open-ended responses. The results of these responses were used in the presentation of several panelists. With the cooperation of Ms. Amano, the results will be compiled and published on the JNS website.
- The webinar was conducted via Zoom and YouTube, and both were consistently viewed by approximately 150 participants. We will consider editing the video as necessary and make it available to the public in future.
- A tool called LiveQ was used to accept questions from the audience. Panelists and planners also used Zoom chat box to answer the questions, allowing for comments on many questions, thereby facilitating interactive communication.
- A reception was also held using the Zoom breakout room.
- In response to the discussion in this debate, the following opinions were raised: 1) it would be good to have an introduction to industries, especially those related to research, on the JNS website; 2) there was once an idea to have a page to push job seekers, but what about it?; 3) on the society website, while public information on universities and laboratories have mainly been posted, job information on corporate research positions have not been posted, but it would be acceptable to select and post such information based on some criteria within the scope that does not degrade the dignity of the society. It was decided that the Future Planning Committee and the Industry-Academia Partnership Committee would discuss these issues and formulate their own opinions.

### 3. Future of the official journal of the JNS

Please refer to the report of the Working Group for JNS Official Journals for details, but the key points are summarized below.

- JNS was aware that it would automatically get 50% of the ownership after expiration of this term's 10-year contract (December 2023), but according to Elsevier, JNS can only negotiate to get 50% of the ownership. A substantial amount of money (tens of millions of yen) is expected to be required to obtain 50% of the ownership.
- As symbolized by the case above, contract negotiations with Elsevier are difficult. It was decided that KWF Consulting (<https://www.kwfco.com/consulting/>), a company that provides journal management support for academic societies and contract negotiation support between academic societies and publishers, would support negotiations with Elsevier on behalf of JNS (KWF Consulting has experience and a good reputation in negotiating contracts with Elsevier and other major publishers for the journals of several other international academic societies).
- We have requested Springer Nature and Wiley to prepare proposals for the launch of a new open access journal. The former said that proposals would not be accepted because 1) the criteria for PubMed publication have become extremely strict and publication in PubMed will not be possible for at least several years after the first issue, 2) obtaining an impact factor from Clarivate has become equally strict, and 3) without PubMed publication and impact factor, it would be difficult to collect submissions. Wiley expressed almost the same view, but they are willing to prepare the proposals. Receiving proposals from other companies is important for negotiations with Elsevier.
- Reference: With the global aim to shift from a journal subscription model to an open access publishing model, "conversion agreements" between major publishers and universities (consortia) are in progress in Japan (see this article by Director Osumi; <https://current.ndl.go.jp/e2381>). The conversion agreement enables researchers affiliated with participating institutions to receive APC discounts, and the trend toward open access is expected to continue to advance. Net income from NSR is currently estimated to be 40–50 million yen; however, it is likely to decrease hereafter.

#### 4 . Holding of committee meetings

Committee meetings were held via Zoom (Friday, March 11, 2022 and Wednesday, March 16, 2022; there has been no minutes as reports have already been submitted). Agenda items were as follows:

- Luncheon Forum at the annual meeting in Okinawa (this year corresponds to the year of neuroscience research-related topics)
- On the topic of the post-innovative brain and international brain (Life Division will start research on the topic; JNS would like to make some proposals; President Yuzaki would like the Future Planning



Committee to discuss the topic as broadly as possible).

- Contract renewal for Neuroscience Res (status report and future policy).
- What the Society could do to improve reproducibility in neuroscience.
- Support for young people's career paths on the society website (posting job information from companies, pages to push job seekers, etc.)

#### 5. Budget application

Costs (1,000,000 yen) for organizing the luncheon forum (@NEURO2022), etc.

#### Activity targets and plans for the next six months

The following activities will be continued this year.

- Prepare and conduct luncheon forums.
- Continue to consider the future of the journal, with a focus on contract renewal.
- Consider how large research funds should be allocated.
- Consider various cross-sectoral issues.

#### Items reported by the Future Planning Committee - Working Group for JNS Official Journals:

##### Items reported since the last meeting of the Board of Directors

The working group held a meeting (via Zoom) on March 4, 2022; below a brief summary of the issues discussed and the WG's suggestions to the JNS Board of Directors are summarized:

- The WG discussed the Elsevier contract renewal situation. Key points are that Elsevier has reviewed the previous contract and their legal staff interprets the “right to acquire” clause only gives JNS a right to purchase a 50% stake in the journal. The price is undetermined but would be based on their valuation of current value and future earnings, she said that would be in the “six figure” range in Euros.
- They are willing to discuss modification of current royalty sharing arrangement (6%)
- Due to the rapid change in the publishing industry we should also discuss the future of NSR; stick with a hybrid model, flip to open access, adding a second OA spinoff. Elsevier is flipping ~10 journals/year, OA is a less stable business model and in the years following a flip a journal typically experiences a large drop in revenue- timing is important, risk can be considerable

- Added that Elsevier is currently negotiating many deals (such as the JUSTICE deal in Japan) and sees OA with government sponsorship as a possible future in the industry
- All agreed the decision to hire a consultant with expertise in publishing will be very helpful
- Starting a new journal is extremely difficult in the current times, PubMed and Clarivate are reluctant to list any new journals
- Consider option of new pan-Neuro journal being discussed by the Union of Brain Societies, this could be achieved by consolidating and renaming an existing journal.
- The WG discussed suggestions on increasing editorial board diversity and decreasing workload for the volunteer editors. Would like to increase gender diversity, one avenue would be to recruit editors from outside Japan that would actually handle papers.
- WG discussed the TOP Factor, a score journals receive for their commitment to open science. Currently NSR has a score of 1, which is poor. Simply rewriting the submission policies could drastically improve this score. A second suggestion is to require the submission of raw numerical data at initial submission, this may help prevent submission of clearly bad papers that would immediately be rejected. Also may suggestion, but not require, the deposition of raw data in an appropriate accessible repository.

#### Activity targets and plans for the next six months

- The status of contract negotiations
- Updating submission guidelines
- Recruiting/expanding editorial staff
- Marketing NSR in Japan and abroad; stress speed of review and broad audience

#### Items reported by the Future Planning Committee - Working Group for Collaboration among Japanese, Chinese and Korean neuroscience societies:

None in particular

#### Items reported by the Future Planning Committee - Working Group for Management of JNS:

#### Items reported since the last meeting of the Board of Directors

- A meeting was held online with the Director of General Affairs for the incorporation of the Society on September 14, 2021.
- In order to realize the incorporation of the society, the Incorporation Executive Committee chaired by the Director of General Affairs was established, and Hirokazu Hirai, Kinya Ishikawa, and Junichiro Yoshimoto from this WG will join the committee.
- Since October 2021, the activities of the WG for Management of JNS on incorporation have been temporarily suspended, and the WG acted as the Incorporation Executive Committee.
- We discussed the payment method of the annual membership fee of the society and distributed the "Questionnaire on the payment method of the annual membership fee" to the members simultaneously on March 17, 2022 (questionnaire period: March 17–31).

#### Activity targets and plans for the next six months

- Cooperate with the activities of the Incorporation Executive Committee to promote incorporation (cooperate in the formulation of the Articles of Incorporation and Bylaws).
- Analyze the results of the “Questionnaire on the payment method of the annual membership fee” and consider consolidating payment methods.

#### Reported items of the Annual Meeting Committee (agenda):

##### Agenda item name

- 「①Annual Meeting Participation and Abstract Submission of Senior and Honorary Members」
- 「②Scope of Publication Settings of Abstracts of annual meetings」
- 「③Guidelines for the Handling of Unpublished Data」

##### Background and history

- ① Since the number of senior members who are as active in research as before their retirement is increasing (and is likely to increase in the future), it would be acceptable to have them pay the registration fee when they present their abstracts.
- ② Currently, while abstracts for 2012 to 2019 annual meetings can be seen by anyone (abstracts for 2012 to 2019 are guarded by Matsumoto system to avoid showing up on Google Search), abstracts for 2020 annual meetings are password-protected for all members, and abstracts for 2021 annual meeting are available only to those who have registered to participate in the annual meeting (those who have registered on Confit).

- ③ There is a possibility that hybrid conventions will continue in the future, and guidelines may be needed to handle data for online presentations.

#### Items requiring discussion

- 「①Annual Meeting Participation and Abstract Submission of Senior and Honorary Members」  
「②Scope of Publication Settings of Abstracts of Annual Meetings」

#### Specific details (objectives, methods, effects, and issues, etc.)

##### ①

#### Previous arrangements

	Regular member	Senior member	Honorary member
Annual fee	10,000 yen	5,000 yen	0 yen
Registration fee	To be paid	Free	Free
Banquet fee	To be paid	Free	Free
First abstract Presentation	Allowed	Allowed	Not allowed※

※However, you can make a presentation if you pay the registration fee.

#### New proposal

	(for comparison) Regular member	Senior member	Honorary member
Annual fee	10,000 yen	5,000 yen	0 yen
Registration fee	To be paid	Free※	Free※
Banquet fee	To be paid	To be paid	Free
First abstract presentation	Allowed	Allowed※	Allowed※

※However, if you present an abstract as the first author, you are required to pay the registration fee.

##### ②

- It is better for this society to provide some information to those who have not registered to attend, but Confit cannot be set up to allow people to see the abstracts but not the videos.
- Therefore, for NEURO2022 and subsequent annual meetings (assuming the system of Confit remains the same), it would be a good idea to create something separately from Confit, so that only "Title + Presenter" is visible to everyone.
- In that case, it would be necessary to provide some time for presenters to be informed and to see what kind of opinions will be expressed before proceeding.

(Questions and Answers from the Board of Directors)

- ① First, the definition of a senior member may need to be changed. Many people who have reached retirement age continue their research, and those people should be allowed to remain as regular members. The bylaws and the description on the website are different, so the bylaws need to be adjusted to the description on the website.

However, even if we change the bylaws now, we will have to go through the process of incorporation twice.

→In conjunction with incorporation, the Annual Meeting Committee should prepare draft bylaws and attempt to get an approval and discussion of the Board of Directors.

- ② We have received the agreement to make only the "Title + Presenter" available for everyone to see. We are currently in the process of selecting the program and will inform the researchers that "Title + Presenter" will be made public in advance when we notify them (Dr. Doya).

Conclusion

- ① Approval suspended. Bylaws will be developed in conjunction with incorporation.
- ② Approved

Items reported by the International Collaboration Affairs Committee:

Items reported since the last meeting of the Board of Directors

【1】 Program to Promote Scientific Exchange with FENS

- Status of Cajal Training Program for FY2021 (two people selected)
  - “Optogenetics, chemogenetics and biosensors” (Joshua Olorcismo, NAIST) was conducted onsite (Nov 22–Dec 10, 2021); "Bioenergetics for Brain Function" (Chijung Hung, Nagoya University) has been postponed to 2022 (Feb 28–Mar 13, 2022)
- Four winners were selected for the FENS Travel Award for 2022 (see "List of Winners" on the web). Seven winners, including three successful candidates who were selected in 2020 and carried over, will participate in the FENS Forum to be held in July.

【2】 Bilateral symposium with Canada

- The CAN Vancouver meeting is held every three years, and there is an agreement to hold a Japan-Canada symposium at mutual annual meeting in the year of the Vancouver meeting. In 2021, which is the

reference year, we called for application and the symposia were held as follows:

- JNS Annual Meeting in Kobe
  - Organizers: Masayuki Sakamoto (Kyoto University) and Robert E. Campbell (University of Alberta)
  - Speakers: Organizers + Ayako Watabe (The Jikei University School of Medicine) and Paul De Koninck (Université Laval)
- CAN Meeting in Vancouver
  - Organizer: Masami Tatsuno (University of Lethbridge)
  - Speakers: Organizer + Hiroko Bannai (WASEDA University), Claudia Gomes da Rocha (University of Calgary), and Tomoki Fukai (OIST)
- The next Canada-Japan Symposium will be held in 2024.

### 【3】 Travel awards for and exchanges with SfN

- Six people were selected for the SfN2021 Travel Awards (see web "List of Winners"), who participated in the virtual competition.
- A social was held at SfN2021 Virtual Convention (organized by Kei Igarashi, an International Collaboration Affairs Committee member)

### 【4】 Exchange Matters with the Chinese Neuroscience Society

- Three winners were selected for the Travel Award for the 2021 Annual Meeting of Chinese Neuroscience Society: Yao Zhiwei (Doshisha University), Nao Nakagawa (Kagoshima University), and Masahiro Inda (Keio University). However, due to the worsening COVID-19 situation, all the winners have deferred their participation to the next conference.
- In order to restore exchange and active cooperation that was disrupted by the Coronavirus disaster, the CNS Travel Award for the 2022 Annual Meeting in Okinawa will support nine participants, three more than the usual six, for this year's event only.
- With the change of CNS meeting to an annual meeting format starting in 2021, it was agreed that the Japan-China joint symposium will be held on the CNS side during even-numbered years and on the JNS side in odd-numbered years. Therefore, the joint symposium will be held in the Annual Meeting of CNS in 2022 and in the Annual Meeting of JNS in 2023.

### 【5】 Evaluation of cost and benefit in travel award operations

- Based on the list of past winners of the SfN Travel Award, which has been awarded since 2011, opinions

were exchanged on the significance of the award. Although there is a certain attrition rate, some researchers are steadily advancing their careers while producing good results. We believe that we have reached a point where we are selecting young researchers who deserve to receive the Travel Award. We will continue to organize and analyze the data.

#### Activity targets and plans for the next six months

- Continue to promote international collaboration, including selection for various travel awards
- Collaboration with The Brain Prize (Lundbeck Foundation) Secretariat
  - The Brain Prize Lecturer for the Annual Meeting in Okinawa is Sir Adrian Bird.
  - We will confirm the intention of The Brain Prize (Lundbeck Foundation) Secretariat to continue the MoA (2021–2023) when they visit Japan for the 2022 Okinawa Congress.

#### Items reported by the Information Infrastructure Committee:

#### Items reported since the last meeting of the Board of Directors

- Renewed contract for the use of membership and payment management system "SmartCore" (contract period: March 1, 2022–February 28, 2023)
- Modified Election Function in "SmartCore" (to accommodate the post-incorporation election system)
- Prepared for website renovation (the following two items are being planned)
  - Hybridization of Neuroscience News (posted in HTML and PDF formats)
  - Creation of a new project section by the Website Committee (Laboratory Map and Memorial section)
- Mediated negotiations between the Website Committee and SE Mr. Matsumoto for the creation of the Japan Neuroscience Laboratory Map.

#### Activity targets and plans for the next six months

- Negotiate with SE Mr. Matsumoto for renewal of outsourcing contract (contract period after renewal is May 1, 2022–April 30, 2023, aiming for agreement by the end of March).
- Hold an online meeting of Information Infrastructure Committee in April.
- Negotiate the takeover of BrainDevelopmentMaps.org (Altman & Bayer's database)

#### (Special remarks)

- We reported the above in the meeting of the Board of Directors and Enlarged Executive Committee, and

no questions were raised.

- The Annual Meeting Committee discussed the publication of convention abstract list. Discussions are underway on the policy of releasing only the "Title + Presenter" and we will help implement this after it is concluded.

#### Items reported by the Neuroscience News Editing Committee:

##### Items reported since the last meeting of the Board of Directors

- The manuscript for the third issue of 2021 (July issue) was collected and proofed on schedule and published on July 10, 2021 (Attachment 1).
- The manuscript for the fourth issue of 2021 (November issue) was collected and proofed on schedule and published on November 9, 2021 (Attachment 2).
- The manuscript for the first issue of 2022 (February issue) was collected and proofread as scheduled and published on February 10 (Appendix 3). The introduction of new entries in the Dictionary of Brain Science was started.
- The second issue of 2022 (May issue) is planned, with manuscripts requested from authors and scheduled for publication on May 10, 2022 (Attachment 4).
- A notice of discontinuance of the booklet was published in the third and fourth issues of 2021 (Appendix 5); the booklet was discontinued starting with the first issue of 2022.
- It was decided that banner ads will be placed in the e-mail distribution of the news table of contents as an alternative to advertising in the discontinued print edition, and the layout of the banner ads was decided (Attachments 6 and 7).
- Requests and invitations to move to banner ads were sent to the four companies who had placed ads in the news of the printed version. Contracts were completed with all companies, and banner ads were placed in the e-mail distribution of 'table of contents' in the first issue of 2022.
- The scope of authorship for 'Neuroscience News' was discussed and bylaws for manuscript requests were created (Attachment 8).
- Since some people are of the opinion that it is difficult to read only the PDF version after the discontinuation of the printed version, we have started to gather information for simultaneous publication of the PDF and HTML versions.
- The Neuroscience News Editing Committee held an online meeting on January 6, 2022 to review past activities and discuss future plans (Attachment 9).



#### Activity targets and plans for the next six months

- Taking into consideration the maximum number of pages, each committee member will collect manuscripts for the issue for which he/she is responsible, and proofreading will be divided among all committee members.
- Prepare for simultaneous publication of PDF and HTML versions.

#### Items reported by the Website Committee

##### Items reported since the last meeting of the Board of Directors

- Opened a memorial section (prepared to post obituaries of Dr. Kunihiro Obata, Dr. Masao Ito, etc.)
- Prepared for the creation of the Japan Neuroscience Research List and Map
- Conducted peer review of articles on Neuroscience Topics (10 articles)
- Published articles on Neuroscience topics on the website (8 articles; see attached document)
- Posted on SNS by the committee members (Distributed charts and the related URL on Neuroscience Topics)

#### Activity targets and plans for the next six months

- Collect and post information for the creation of the Japan Neuroscience Research List and Map
- Conduct peer review of articles on neuroscience topics
- Post articles on neuroscience topics on the website
- Organize past obituaries and consolidate them into a memorial section

#### (Special remarks)

Wataru Kakegawa informed the society members about the opening of the memorial section.

He also proposed that the authors of the "Signposts (introduce messages to young researchers)", which are handled by the committee, be not only honorary members but also anyone who wishes to write a message. A comment was raised that some caution is needed considering the purpose of the project. One idea was to have a system in which the author introduces the next author (honorary member) to the committee. We would like to bring this matter back to the Committee for further discussion.

#### Items reported by the Outreach Committee:

Items reported since the last meeting of the Board of Directors

- Held a public lecture online (July 24, 2021)
  - Participants: There are approximately 300 participants constantly (Zoom Webinar + YouTube Live)
  - Edited and published the recorded content
- Applied for the promotion fund for publishing research results to hold a public lecture "Brain Science Guru 2022".
- Responded to questions from high school students regarding the practical application of BMI technology

Activity targets and plans for the next six months

- Prepare and hold the public lecture

Items reported by the Industry-Academia Partnership Committee:

Items reported since the last meeting of the Board of Directors

- Held a 'Career Paths Forum' online jointly with the Future Planning Committee (February 19, 2022)
  - 65 Zoom Webinar participants and YouTube Live viewers (approximately 100 people constantly)
  - In addition, held a 90-minute online social event, in the Zoom breakout room as the second part of the event.
- Decided that 2022 Industry-Academia Collaboration Symposium (July 1, 2022) will be planned on "Metaverse and Brain Science".
  - The symposiasts will be Maki Sugimoto (Keio Univ.), Yoichi Miyawaki (Univ. of Electro-Communications), Nanase Kobayashi (Medical & Dental Univ.), and Naotaka Fujii (HACOSCO).

Activity targets and plans for the next six months

- Edit and publish recorded content of the Career Paths Forum on the website in collaboration with the Future Planning Committee
- Hold the 2022 Symposium with Industry-Academia Collaboration on "Metaverse and Brain Science"

Special remarks

- Since the 'Career Path Forum' will be held in 2022, we would like to carry over 350,000 yen, the budget for 2021, in which a debate was scheduled to be held, to the budget for 2022. It is to be absorbed into the Future Planning Committee's budget.

- Symposium on Industry-Academia Collaboration (@NEURO2022): 500,000 yen
  - ※ Of the four members, only one (Miyawaki) is a member of our society.
  - ※ There are two researchers (Miyawaki and Chikazoe) and two non-researchers (Fujii and Kobayashi); travel expenses for one night can be provided for the non-researchers.
- Posting of corporate jobs on the website is under discussion. A report is forthcoming.

#### Items reported by the Advocacy Committee:

Items reported since the last meeting of the Board of Directors

- Exchanged opinions with the relevant ministries and agencies, funding agencies (AMED and JST), etc.

Activity targets and plans for the next six months

- Collaborate with related academic associations
  - Discussions are underway regarding collaboration with the Union of Brain Science Associations in Japan.

#### Items reported by the COI Committee:

Items reported since the last meeting of the Board of Directors

- Since the last meeting, there have been no matters requiring consideration by the COI Committee; therefore, no discussion has been conducted.

Activity targets and plans for the next six months

- Respond to items for discussion as they arise.

#### Items reported by the Brain Science Dictionary Committee:

Items reported since the last meeting of the Board of Directors

- State of progress
  - Elected approximately 100 new terms in the field of computational neuroscience, which can be accessed at:

<https://bsd.neuroinf.jp/w/index.php?title=計算論の神経科学分野執筆者一覧&oldid=46766>

With regard to half of the terms, we have asked potential authors to write and are currently waiting for their manuscripts. It is an opportunity to urge authors who have not submitted their manuscripts.

- Publication in the form of a book

Plan to publish some articles from the University of Tokyo Press, thanks to the efforts of Dr. Kato and Dr. Yuzaki.

The abstracts of the "Small Dictionary of Brain Science" will be published in the form of a book.

Mr. Kishi of the University of Tokyo Press has asked for permission from the authors for inclusion in the book.

So far, none of the authors have refused (those who have not responded have been assumed to have agreed).

While some terms are missing in important words, some are written halfway through, and so on. The intent of the original author needs to be confirmed again.

- Announcement in Neuroscience News

Newly listed terms have been listed. Initially, the terms completed in late 2021 have been listed. For the second and subsequent times, the terms completed every 3 months have been listed.

Items reported by the Inter-society Liaison Committee:

(Activities planned for this year: Symposia in cooperation with other societies, etc.)

- 1) In regard to a symposium in collaboration with the Japanese Society of Neurology, Japanese Society of Psychiatry and Neurology, and Japanese Society of Neurochemistry at the 2022 Annual Meeting of the Japan Neuroscience Society, the following project is planned:

- Symposium Theme: Connecting Basic and Clinical Societies at NEURO2022

- Host

Dr. Kenjiro Ono: Basic and Clinical Neuroscience Collaboration Committee Member

Dr. Norio Ozaki: Inter-society Liaison Committee Chair

- Presenters

1. Dr. Kenji Tanaka: The Japanese Society of Psychiatry and Neurology
2. Dr. Tatsushi Toda: The Japanese Society of Neurology
3. Dr. Shigeo Murayama: The Japanese Society of Neuropathology
4. Dr. Tadashi Isa: The Union of Brain Science Associations in Japan

- 2) Collaboration through the Union of Brain Science Associations in Japan
  - Discussions were conducted on industry-academia collaboration activities (establishment of an industry-academia collaboration advisory committee) and expression of opinions on health and medical care strategy.
- 3) Collaboration through the Science Council of Japan
  - Discussions were conducted on neuroethics (jointly by the Brain and Mind Subcommittee and the Neuroscience Subcommittee) and expression of opinions on clinical, epidemiological, and basic research systems in times of peace and emergency (Liaison Conference on Pandemics and Society).

#### Activities planned for this year

- We plan to continue to consider collaborative projects with clinical and related academic societies, etc. this year.
- Trends in the medical specialty system continue to make it difficult for young clinical professionals to increase their entry into the field of neuroscience.

#### Items reported by the Diversity Committee:

##### Items reported since the last meeting of the Board of Directors

- At the 44th Annual Meeting, a luncheon symposium (organized by the committee members, Azusa Kamikouchi and Hideaki Takeuchi) was held with a lecture by Dr. Sayaka Oki (Professor, Nagoya University on "Gendered innovations in research and research environment: Past and future").
- Participated in the 3rd meeting of the 19th term of the Japan Inter-Society Liaison Association Committee for promoting equal participation of men and women (held via Zoom on August 23, 2021).
- Held a meeting to discuss the luncheon symposium for the 45th Annual Meeting (held via Zoom on September 27, 2021). Since the Diversity Committee of NEURO2022 instead of the Committee of the society, will plan for NEURO2022, we shared the list of plans by the Diversity Committee in the past annual meetings with the committee chairs, Dr. Uusisaari Yoe (Okinawa Institute of Science and Technology Graduate University), Dr. Chihiro Tohda (University of Toyama) and Dr. Kenji Doya (President of the 45th Annual Meeting), and Okinawa Congrès staff in a zoom meeting. After further discussion on possible issues, a direction of planning a luncheon symposium as "Paths toward diverse academia" was decided.
- Participated in the first meeting of the 20th term of the Japan Inter-Society Liaison Association Committee for Promoting Equal Participation of Men and Women (held via Zoom on December 13, 2021) and the

Ordinary General Meeting of Members.

Activity targets and plans for the next six months

- Plan to participate in meetings of the Japan Inter-Society Liaison Association Committee for Promoting Equal Participation of Men and Women (three times a year in March, August, and December). The next meeting is scheduled to be during the 2nd Steering Committee Meeting of the 20th term and the 1st Extraordinary General Meeting of Members for FY2022 (for revision of the Articles of Incorporation) (to be held on March 29, 2022 via ZOOM).

Special remarks

- The committee was asked to discuss whether to establish numerical targets for diversity in the articles of incorporation or bylaws after the incorporation.

Items reported by the Ethics Committee:

Items reported since the last meeting of the Board of Directors

- Revised the "guidelines for ethics-related problems" with "non-invasive research on human brain function" (see Appendix).

Activity targets and plans for the next six months

- Since the Integrated Guidelines for Medical Research clarified the definition of invasion, there is a contradiction that what the current "Guidelines on Ethical Issues in Non-invasive Research on Human Brain Functions" covers includes PET, some brain stimulation techniques, and other methods that cannot be considered non-invasive. We would like to take this opportunity to make a developmental revision of the "Guidelines on Ethical Issues Concerning Neuroscience Research on Human Brain Functions" to include the ethics of neuroscience research using invasive techniques such as DBS and ECoG.

Special remarks

**(Question)** Will it also cover regenerative medicine, such as cell transplantation therapy for the retina and spinal cord?

**(Answer)** This will be the content of the Act on 'Safety Assurance of Regenerative Medicine', etc., but we would like to include anything related to neuroscience.

## Agenda items of the Ethics Committee:

### Agenda item name

Guidelines for ethics-related problems with “non-invasive research on human brain function” (corresponding to "Ethical Guidelines for Life Sciences and Medical Research Involving Human Subjects")

### Background and history

In 2021, the "Ethical Guidelines for Medical Research Involving Human Subjects" and "Ethical Guidelines for Human Genome and Genetic Analysis Research" were integrated as the "Ethical Guidelines for Life Sciences and Medical Research Involving Human Subjects". The guidelines for ethics-related problems with “non-invasive research on human brain function” currently published by the Society for Neuroscience refers to the former guidelines ("Ethical Guidelines for Medical Research Involving Human Subjects") and should reflect the latest status of life science research ethics.

### Items requiring discussion

1) Guidelines for ethics-related problems with “non-invasive research on human brain function” (revised version in accordance with the revised guidelines for medical science)

### Specific methods (objectives, methods, effects, issues, etc.)

We have made changes to the guidelines for ethics-related problems with “non-invasive research on human brain function” to correspond to the "Ethical Guidelines for Life Sciences and Medical Research Involving Human Subjects" and would like to ask for your deliberation.

### Questions and answers from the Board of Directors

None noted.

### Conclusion

Prepare for the publication of the revised version of the guideline. Request to add comments for the details of the revisions, in the file uploaded on Slack, by the end of March.

## Items Reported by the Animal Experiment Committee:

### Items reported since the last meeting of the Board of Directors

#### Common Basic Guidelines for Animal Experiments

**(Status quo)** Requested the government to establish "Common Basic Guidelines for the Conduct of Animal Experiments" (hereinafter referred to as the "Guidelines") across all competent ministries and agencies, covering all animal testing laboratories in Japan.

**(How it started)** Currently, the following three ministries have established guidelines.

“Basic Guidelines for the Conduct of Animal Experiments at Research Institutes, etc. (hereafter referred to as "MEXT Guidelines")" by the Ministry of Education, Culture, Sports, Science and Technology.

“Basic Guidelines for the Conduct of Animal Experiments, etc. at Operational Institutions under the Jurisdiction of the Ministry of Health, Labour and Welfare”.

The draft of the Common Basic Guidelines was formulated based on "Basic Guidelines for the Conduct of Animal Experiments, etc. at Research Institutes under the Jurisdiction of the Ministry of Agriculture, Forestry and Fisheries" and reflecting the content of the two ministries based on the MEXT guidelines, as well as the "Law Concerning the Protection and Management of Animals" and the "Standards for the Care and Management of Laboratory Animals and the Reduction of Pain”.

In May 2020, a draft was approved at the “Regular General Meeting of Members of the General Association of Association of Japan Medical Colleges”. In September of the same year, the draft was submitted to the Life Science Division of the Ministry of Education, Culture, Sports, Science, and Technology by the "Animal Experiment Review Committee of Association of Japan Medical Colleges”. Since April 2021, under the Ministry of Environment, four ministries including the Ministry of Education, Culture, Sports, Science and Technology, Ministry of Health, Labour and Welfare, Ministry of Agriculture, Forestry and Fisheries of Japan, and Ministry of the Environment held two meetings.

**(In the future)** Considering the above (draft), which has been left to the administrative level, in order to formulate the opinions of each ministry on the guidelines, the opinions of people involved in working with laboratory animals at institutions belonging to the respective ministries and agencies will be sought. We believe it is necessary to share information for this purpose.

【A series of movement for Neuralink Inc. is being sued】 Appendix

### Activity targets and plans for the next six months



- Follow up on "Guidelines for Experiments on Primate Subjects"
- Exchange information with other organizations such as the Liaison Committee for Laboratory Animal Scientists, Japanese Association of Laboratory Animal Facilities of National University Corporations, and Japanese Association for Laboratory Animal Science

#### Question and answer session

##### Additional report

The 2022 revision of the Animal Protection Law related to microchipping has been updated to state that "efforts must be made to ensure that microchips are installed". We understand that the Ministry of Education, Culture, Sports, Science and Technology will soon revise its standard for care and management. At that point, there should be an opportunity to provide feedback from the field, but it is necessary to keep a close watch.

- From the President

We need to continue to monitor this matter closely as it relates to all animal experiments, including rodents as well as primates.

#### Items reported by the BrainBee Committee:

##### Items reported since the last meeting of the Board of Directors

- The 9th International Brain Bee will be held as follows.

##### Activity targets and plans for the next six months

- Implementation period: The examination will be held for 16 days from April 9 to April 24 (6 days among which are Saturdays and Sundays).
  - Due to COVID-19, the CBT method will be used similar to the previous competition. It will be held at a time when each junior and senior high school student can apply and take the examination during a weekday evening and holiday daytime, respectively, during the period.
- CBT-S was selected as a CBT implementation company (budget for CBT implementation is estimated to be a little over 800,000 yen).
- Participation fee: The same amount will be charged as the last time, 1,100 yen (including tax) per person. If the meeting format reverts to the previous method of face-to-face meeting from next year, the participation fee will also be waived.
- Applications: Applications will be accepted on the CBT-S website from mid-March. Payment at

convenience stores is acceptable. High school students who do not have a credit card can also use this service.

- Cooperation with annual meetings of the Japan Neuroscience Society: Since the award ceremony for the previous meeting was not held, we plan to invite the winners of the competition this time together with the winners of the previous competition, to the annual meeting of the society (in Okinawa). However, since high school students do not have school vacation during the period of the annual meeting, the actual invitation will be considered after consulting with high schools, winners, and their guardians. All students will be invited to participate online.

#### Others

- After being randomly selected from approximately 70 questions, 54 questions will be asked. Each question will take no more than 1 minute to answer. The format will be multiple choice questions. Fifty-four questions have to be answered in 60 minutes (the first draft was submitted in early March.)
- The results will be informed only in terms of percentage of correct answers on the same day (when returning home), and the qualifiers will be announced in late April. In-person final rounds (top few performers) are being considered as much as possible at the same time at 23 venues nationwide during the golden week.
- The international competition will be held online at the end of July in conjunction with the FENS forum.
- Future publicity: Leaflets were sent directly to high schools across the country. The electronic version has been posted on the websites of the Union of Brain Science Associations in Japan and Brain Century Promotion Conference. In addition, SNS will be utilized.
- Since we have not been able to conduct an onsite qualifying competition for 3 years, we will work with high schools and other organizations to conduct a project to promote brain science and neuroscience.

#### Items reported by the PIC of the Union of Japanese Societies for Biological Science:

##### Items reported since the last meeting of the Board of Directors

Due to the coronavirus disaster, substantive activities were limited, and the 24th regular meeting of the Union of Japanese Societies for Biological Science was held via Zoom on December 23, 2021, from 14:00 to 16:00. Miyata attended the meeting.

##### Main agenda, reports and discussion items

- 1 . The business plan and budget for FY2022 were approved.
- 2 . A report was made on related international conferences.

3 . Regarding IBO/JBO (International Biology Olympiad), it was reported that the event has to be held remotely due to the COVID-19 pandemic. It was reported that the surplus funds will be used in future to hold the IBO as well as for the Japan Secretariat, which was approved.

4 . Regarding the Committee for Examination of Biology Education and University Entrance Examinations, high school biology textbooks have been newly revised and are moving in the direction of emphasizing education that cultivates the ability to think, rather than unnecessarily increasing the number of biological terms. An observer, Dr. Tsuji of the Japanese Association of Medical Sciences, commented that human diseases are treated in the subject of health and physical education in high schools, but in other countries, they are treated in biology, and he would like the Union of Japanese Societies for Biological Science to encourage the study of human diseases in the field of biology.

5 . It was reported that the meeting of the Global Biology Project Committee was held online.

6. Among the 24 organizations that responded to the DORA petition, 23 organizations agreed to sign the petition and it was passed.

7. Regarding the Science Council of Japan, data were shared showing that the number of papers, research funding, and number of graduate students in life science have been decreasing over the past decade compared to developed countries. It is said that there is a lot of discussion going on.

8. Founding activities of the National Museum of Okinawan Natural History was introduced.

#### Activity targets and plans for the next six months

Cooperate in surveys of member societies on measures to maintain diversity in research as the Research Funding and Human Resource Development Committee promoted by the Union of Japanese Societies for Biological Science, and to conduct activities to submit analytical opinions and requests to the relevant ministries and agencies.

## Member Composition of the Japan Neuroscience Society

As of January 1, 2022

	Regular Members	Overseas Regular	Junior Members	Overseas Junior	Student Members	Overseas Student	Senior Members
Molecular/Cellular	1,889	192	150	17	204	5	42
Sytems	1,356	156	127	11	173	9	61
Clinical/Pathological	599	28	40	6	39	1	12
Others	253	26	48	1	110	0	0
Panel unknown	15	5	1	1	3	0	0
<b>Total</b>	4,112	407	366	36	529	15	115
Honorary Members	19						
Supporting Members ※	7						
<b>Total Number of Members</b>	<b>5,606</b>						

※ Narishige Group: 10 units, other 6 companies: 1 unit

(Appendix A)

## Japan Neuroscience Society 2021 (Jan-Dec) Closing Accounts

(Appendix B)

Subject	2021 Budget	2021 Closing Account	Remarks
<b>Income</b>			
Member Admission Fees	1,200,000	1,263,000	
Regular Member Membership Fees	36,000,000	40,583,000	
Junior Member Membership Fees	1,080,000	1,231,000	
Student Member Membership Fees	1,140,000	2,298,000	
Senior Member Membership Fees	400,000	530,000	
Overseas Regular Member Membership Fees	1,150,000	1,364,000	
Overseas Junior Member Membership Fees	60,000	84,000	
Overseas Student Member Membership Fees	10,000	23,000	
Supporting Member Membership Fees	1,200,000	1,600,000	
Interest from Deposits	1,000	886	
Advertising Fees	900,000	1,130,000	Neuroscience News, Banners, etc.
Miscellaneous Income	400,000	673,691	Tokizane fund administration fees etc.
Others	500,000	500,000	Consortium for Applied Neuroscience advise fees etc.
<b>Total Income</b>	<b>44,041,000</b>	<b>51,280,577</b>	
<b>Expenditures</b>			
<b>Business Expenses</b>			
Newsletter	6,000,000	5,775,083	Printing, Website, Postage, etc.
News English Review	200,000	632,500	
Translation for Website	200,000		
Renewal of Website	300,000	285,120	
Initial Cost for Membership Management System	500,000	104,500	
JNS Young Investigator Award Prize	510,000	507,524	
Membership Contribution	1,030,000	1,300,700	IBRO 10,000 USD
Scholarly Activity Support	150,000	150,000	*1
International Exchange	3,200,000	760,996	*2
Brain Bee	1,000,000	1,000,000	
Open Lecture Support	2,100,000	630,240	
Industry-Academia Partnership	350,000	0	
Diversity Activity Support	300,000	0	
Inter-society Liaison Activity Support	100,000	0	
Future Planning Committee	500,000	0	
<b>Administrative Expenses</b>			
Personnel	26,500,000	22,508,252	*3
IT related Outsourcing	2,000,000	1,140,652	
Membership Management System Fee	1,200,000	1,169,513	*4
Consultation	1,200,000	1,456,298	
Meetings	100,000	51,545	
Communication	250,000	201,804	
Transportation	1,000,000	108,442	
Printing	500,000	304,755	PC. Softwares etc.
Equipment/Supplies	500,000	523,096	
Office Lease	1,700,000	1,799,570	
Office Equipment Lease	240,000	60,890	
Telephone/Utilities	200,000	56,118	
Insurance	0	22,200	Office Contents Insurance
Server Lease	800,000	685,824	
Credit Card Commission	2,000,000	2,136,699	Commission for collecting membership fees
Bank Transfer Fees	150,000	151,550	
Miscellaneous Expenses	100,000	0	
Depreciation Expense	0	18,620	
<b>Reserve Funds</b>			
Reserve Funds	500,000	0	
<b>Total Expenditure</b>	<b>55,380,000</b>	<b>43,542,491</b>	
<b>Balance</b>	<b>-11,339,000</b>	<b>7,738,086</b>	
<b>Carry Over from the Previous Fiscal Year</b>			
	94,943,156	94,943,156	
<b>Carry Over to the Next Fiscal Year</b>			
	83,604,156	102,681,242	

\*1 The Union of Japanese Societies for Biological Science, Japan Inter-Society Liaison Association Committee for Promoting Equal Participation of Men and Women in Science and Engineering, The Union of Brain Association in Japan and Japan Science Support Foundation

\*2 Mutual Travel Fellowship with SfN, Mutual Exchange Program with FENS, and Travel Award for the annual meeting, etc.

\*3 Personnel expenses including legal welfare expenses and commuting allowance, those related annual meeting business are partially and separately covered by the Meeting Account.

\*4 Tax Accountant consulting fees, Monthly auditing fees, Accounting software lease fees, etc.

## **Assets and Liabilities in the Carry Over to the Next Fiscal Year**

Closing balance as of December 31st, 2021

<b>Assets</b>	
Cash Deposit	113,945,504
Accounts Receivable	
Consulting fee of Consortium for Applied Neuroscience	500,000
Advertising Fee for Neuroscience News	45,000
Overpayment	
Server Lease	44,000
Fixed Assets	652,380
<b>Total Assets</b>	<b>115,186,884</b>
<b>Liabilities</b>	
Accrued amount payable	
Mutual Travel Fellowship with FENS	166,622
Social Insurance Premium for November 2021	660,840
Monthly Auditing Fee for 2021	198,000
Deposit for Withholding Income Tax	325,772
Advances Received	
Mebership Fees	191,000
Deposit	
Deposit Fund for Altman Award	10,963,408
<b>Total Liabilites</b>	<b>12,505,642</b>
<b>Carry Over to the Next Fiscal Year</b>	<b>102,681,242</b>

(Appendix C)

# Japan Neuroscience Society FY 2022 (Jan-Dec) Budget

(Appendix D)

Subject	2022 Budget	Remarks
<b>Income</b>		
Member Admission Fees	1,200,000	
Regular Member Mebership Fees	37,000,000	
Junior Member Membership Fees	1,800,000	
Student Member Membership Fees	1,500,000	
Senior Member Membership Fees	500,000	
Overseas Regular Member Mebership Fees	1,000,000	
Overseas Junior Member Membership Fees	90,000	
Overseas Student Member Membership Fees	10,000	
Supporting Member Membership Fees	1,600,000	
Interest from Deposits	1,000	
Advertising Fees	1,200,000	Neuroscience News, Banners, etc.
Micellaneous Income	400,000	Tokizane fund administration fees etc.
Others	500,000	Consortium for Applied Neuroscience advise fees etc.
<b>Total Income</b>	<b>46,801,000</b>	
<b>Expenditures</b>		
<b>Business Expenses</b>		
Newsletter	2,000,000	Printing, Website, Postage, etc.
Translation Fee for Newsletter and Website	800,000	
Renewal of Website	500,000	
Initial Cost for Membership Management System	1,300,000	
JNS Young Investigator Award Prize	510,000	
Membership Contribution	1,300,000	IBRO 10,000USD, IBRO Global Advocacy 1,000,000yen, FAONS 7,200USD
Scholarly Activity Support	150,000	*1
International Exchange	2,000,000	*2
Brain Bee	1,000,000	
Open Lecture Support	1,800,000	
Industry-Academia Partnership	500,000	Transportations of speakers in a symposium at the annual meeting etc.
Diversity Activity Support	0	
Inter-society Liaison Committee Activity Support	0	
Future Planning Committee Activity Support	1,000,000	
Consulting Fee	1,000,000	
<b>Administrative Expenses</b>		
Personnel	24,000,000	*3
IT related Outsourcing	1,200,000	
Membership Management System Fee	1,200,000	
Advisory Fee	2,500,000	*4
Meetings	100,000	
Communication	250,000	
Transportation	1,000,000	Tansportations for the Board and Committee meetings, Business trips of Secretariat staff, etc.
Printing	50,000	
Equipement/Supplies	800,000	
Office Lease	1,700,000	
Office Equipement Lease	240,000	
Telephone/Utilities	200,000	
Insurance Premiums	0	
Server Lease	800,000	
Credit Card Commission	2,200,000	Commission for collecting membership fees
Bank Transfer Fees	200,000	
Miscellaneous Expenses	100,000	
Depreciation	18,620	
<b>Reserve Funds</b>		
	500,000	
<b>Total expenditure</b>	<b>50,918,620</b>	
<b>Balance</b>	<b>-4,117,620</b>	

<b>Carry Over from the Previous Fiscal Year</b>	102,857,096	
<b>Carry Over to the Next Fiscal Year</b>	98,739,476	

\*1 The Union of Japanese Societies for Biological Science 50,000 yen, Japan Inter-Society Liasion Association Committee for Promoting Equal Participation of Men and Women in Science and Engineering 20,000 yen, The Union of Brain Association in Japan 30,000 yen, etc.

\*2 Mutual Travel Fellowship with SfN 12,500 USD, Mutual Exchange Program with FENS 4,000 EURO, etc.

\*3 Personel expenses including legal welfare expenses and commuting allowance, those related annual meeting business partially are separately covered by the Meeting Account.

\*4 Tax Accountant consulting fees 480,000 yen + Tax, Monthly auditing fees 180,000yen + Tax, Accounting software lease fees 42,000 yen + Tax, etc.