Received: 07 November 2023 / Accepted: 29 January 2024 / Published online: 28 February 2024

DOI 10.34689/SH.2024.26.1.027

UDC 378.4: 001.83 (100): 004.031.42 - 057.875 (574.41) (520)

SYSTEMIZING INTERNATIONAL ACADEMIC EXCHANGES AND THE ENROLLMENT OF STUDY ABROAD STUDENTS AND SUSTAINING THAT APPROACH: SEEKING TO ESTABLISH FURTHER COOPERATIVE FRAMEWORKS IN SEMEY AND JAPAN (KOCHI AND HIROSHIMA)

Ken Inoue^{1*}, Kamila Akkuzinova², Elaman Toleuov², Timur Moldagaliyev², Yoshihiro Noso³, Nobuo Takeichi^{4,5}, Nariaki Fujimoto⁵, Masaharu Hoshi⁵, Nargul Ospanova², Nursultan Seksenbayev²

Abstract

Background: As Semey Medical University, Kochi University, Hiroshima University, and Hiroshima International University are all globalizing, they are also engaging in international exchanges.

Objective: To describe our new efforts to systematize international academic exchanges and support for study abroad.

Materials and Methods: This study (A) describes recent efforts to establish a system to facilitate research by PhD students and to enroll study abroad students at Semey Medical University and various Japanese educational institutions (such as Kochi University, Hiroshima University, and Hiroshima International University); and (B) discusses a new perspective to further facilitate research by PhD students at Semey Medical University based on (A).

Results: (A) Once a month, the authors of this report who work in the Department of Psychiatry and Narcology, Semey Medical University and the Research and Education Faculty, Medical Sciences Cluster, Health Service Center, Kochi University provide advice and guidance on research to PhD students in the Department of Psychiatry and Narcology, Semey Medical University in an online meeting. Additional online meetings are held several times a month as necessary, and discussions take place in face-to-face meetings several times a year. We also frequently provide research guidance and assistance by e-mail. We have enrolled PhD students from Semey Medical University to study abroad in Japan with the cooperation of Kochi University, Hiroshima University, Hiroshima International University and other institutions, and we are also supporting these students' study in Japan.

Conclusions: We will continue to fully support these students in obtaining their degrees (B). We will also continue to further facilitate our international efforts in academia and study abroad. We will seek to have governments, relevant institutions and personnel, at the university level as well as the national and regional levels, understand these efforts and we will solicit their support when necessary.

Keywords: students, Semey, Japan, international exchanges, online, support.

Резюме

СИСТЕМАТИЗАЦИЯ МЕЖДУНАРОДНЫХ АКАДЕМИЧЕСКИХ ОБМЕНОВ И ПРИЕМА СТУДЕНТОВ ИЗ-ЗА РУБЕЖА, А ТАКЖЕ ПОДДЕРЖАНИЕ ЭТОГО ПОДХОДА: СТРЕМЛЕНИЕ К УСТАНОВЛЕНИЮ ДАЛЬНЕЙШИХ СОВМЕСТНЫХ РАБОТ В СЕМЕЕ И ЯПОНИИ (КОЧИ И ХИРОСИМА)

Кен Иноуэ¹*, Камила Аккузинова², Еламан Толеуов², Тимур Молдагалиев², Йошихиро Носо³, Набуо Такейчи⁴,₅, Нариаки Фуджимото⁵, Масахару Хоши⁵, Наргуль Оспанова², Нурсултан Сексенбаев²

¹ Kochi University, Research and Education Faculty, Medical Sciences Cluster, Health Service Center, Kochi, Japan;

² Semey Medical University, Department of Psychiatry and Narcology, Semey, Republic of Kazakhstan;

³ Hiroshima International University, Department of Health Services Management, Hiroshima, Japan;

⁴ Takeichi Clinic, Hiroshima, Japan;

⁵ Hiroshima University, Hiroshima, Japan.

¹ Университет Кочи, Научно-образовательный факультет, Кластер медицинских наук, Центр медицинского обслуживания, Кочи, Япония;

² НАО «Медицинский университет Семей», Кафедра психиатрии и наркологии,

г. Семей, Республика Казахстан;

Введение: Поскольку Медицинский университет Семей, Университет Кочи, Университет Хиросимы и Международный университет Хиросимы находятся в процессе глобализации, они также участвуют в международных обменах.

Цель: Описать наши новые усилия по систематизации международных академических обменов и поддержке обучения за рубежом.

Материалы и методы: В этом исследовании (А) описываются недавние усилия по созданию системы содействия исследованиям докторантов PhD и зачислению обучающихся на обучение за рубежом в Медицинский университет Семей и различные японские учебные заведения (такие как Университет Кочи, Университет Хиросимы и Международный университет Хиросимы); и (Б) обсуждается новая перспектива для дальнейшего содействия исследованиям докторантов PhD Медицинского университета Семей на основе (A).

Результаты: (А) Раз в месяц авторы этого отчета, работающие на кафедре психиатрии и наркологии Медицинского университета Семей и научно-образовательном факультете Кластера медицинских наук, Центра медицинского обслуживания Университета Кочи, предоставляют консультации и рекомендации по проведению исследований докторантов PhD кафедры психиатрии и наркологии Медицинского университета Семей на онлайнвстрече. Дополнительные онлайн-встречи проводятся несколько раз в месяц по мере необходимости, а обсуждения проходят на очных встречах несколько раз в год. Мы также часто предоставляем рекомендации по проведению исследований и помощь по электронной почте. Мы зачислили докторантов PhD Медицинского университета Семей на обучение (стажировку) за границей в Японии в сотрудничестве с Университетом Кочи, Университетом Хиросимы, Международным университетом Хиросимы и другими учреждениями, и мы также поддерживаем обучение докторантов PhD в Японии.

Выводы: Мы продолжим оказывать всестороннюю поддержку докторантам PhD в получении их ученых степеней (В). Мы также продолжим содействовать нашим международным усилиям в академических кругах и учебе за рубежом. Мы будем стремиться к тому, чтобы правительства, соответствующие учреждения, как на университетском, так и на национальном и региональном уровнях, понимали эти усилия, и мы будем запрашивать их поддержку, когда это необходимо.

Ключевые слова: студенты, Семей, Япония, международные обмены, онлайн, поддержка.

Түйіндеме

ХАЛЫҚАРАЛЫҚ АКАДЕМИЯЛЫҚ ҰТҚЫРЛЫҚТЫ ЖӘНЕ ШЕТЕЛДЕН СТУДЕНТТЕРДІ ҚАБЫЛДАУДЫ ЖҮЙЕЛЕУ: СЕМЕЙ МЕН ЖАПОНИЯДА (КОЧИ ЖӘНЕ ХИРОСИМА) ОДАН ӘРІ БІРЛЕСКЕН ЖҰМЫСТАРДЫ ОРНАТУҒА ҰМТЫЛУ

Кен Иноуэ^{1*}, Камила Аккузинова², Еламан Толеуов², Тимур Молдагалиев², Йошихиро Носо³, Набуо Такейчи^{4,5}, Нариаки Фуджимото⁵, Масахару Хоши⁵, Наргуль Оспанова², Нурсултан Сексенбаев²

Кіріспе: Семей Медициналық университеті, Кочи университеті, Хиросима Университеті және Хиросима халықаралық университеті жаһандану процесінде болғандықтан, олар да халықаралық алмасуларға белсенді катысады.

Мақсаты: халықаралық академиялық ұтқырлықты жүйелеу және шетелде оқытуды қолдау бойынша жаңа бағыттарды сипаттау.

Материалдар мен әдістер: бұл зерттеу (A) PhD докторанттардың зерттеулерін жеңілдету жолдарын, сонымен қатар Семей медициналық университетінде және әртүрлі жапондық оқу орындарында (мысалы, Кочи университеті, Хиросима Университеті және Хиросима халықаралық университеті) оқуға қабылдау жүйесін құру бойынша жаңа бағыттарды сипаттайды; және (Б) одан әрі Семей Медицина университетінің PhD докторанттарының зерттеулеріне жәрдемдесудің жаңа перспективалары талқыланады.

³ Международный университет Хиросимы, Факультет управления медицинскими услугами,

г. Хиросима, Япония;

Клиника Такейчи, Хиросима, Япония;

⁵ Университет Хиросимы, Хиросима, Япония.

¹ Кочи университеті, Ғылыми-білім беру факультеті, Медициналық ғылымдар кластері,

Медициналық қызмет көрсету орталығы, Кочи қ., Жапония; ² «Семей Медициналық университеті», Психиатрия және наркология кафедрасы, Семей қ., Қазақстан Республикасы;

Хиросима халықаралық университеті, Медициналық қызметтерді басқару факультеті, Хиросима қ., Жапония; ⁴ Такейчи Клиникасы, Хиросима қ., Жапония;

⁵ Хиросима Университеті, Хиросима қ., Жапония.

Нәтижелері: (а) айына бір рет Семей Медицина университетінің психиатрия және наркология кафедрасының қызметкерлері және Кочи университетінің, медициналық қызмет көрсету орталығының, медицина ғылымдары кластерінің, ғылыми-білім беру факультетінде жұмыс істейтін қызметкерлерінің онлайн-кездесулері өтеді. Кездесулер мақсаты Семей Медицина университетінің психиатрия және наркология кафедрасының PhD

докторанттарының зерттеулерлері бойынша кеңестер мен ұсыныстарды беру. Қосымша онлайн кездесулер қажет болған жағдайда айына бірнеше рет өткізіледі және талқылаулар жылына бірнеше рет бетпе-бет кездесулерде өтеді. Сондай-ақ зерттеулерді жүргізу бойынша ұсыныстарды электрондық пошта арқылы жібереміз. Біз Семей Медицина университетінің PhD докторанттарын Кочи университетімен, Хиросима университетімен, Хиросима халықаралық университетімен және басқа мекемелермен бірлесіп Жапонияға оқуға (тағылымдамадан өтуге) қабылдадық, сонымен қатар Жапонияда PhD докторанттардың оқуын қолдаймыз.

Қорытынды: біз PhD докторанттарға (B) ғылыми дәрежесін алуда жан-жақты қолдау көрсетуді жалғастырамыз. Біз сондай-ақ академиялық ортада және шетелде оқуда халықаралық ынтымақтастықты дамытуды жалғастырамыз.

Түйінді сөздер: студенттер, Семей, Жапония, халықаралық алмасулар, онлайн, қолдау.

Bibliographic citation:

Inoue K., Akkuzinova K., Toleuov E., Moldagaliyev T., Noso Yo., Takeichi N., Fujimoto N., Hoshi M., Ospanova N., Seksenbayev N. Systemizing international academic exchanges and the enrollment of study abroad students and sustaining that approach: seeking to establish further cooperative frameworks in Semey and Japan (Kochi and Hiroshima) // Nauka i Zdravookhranenie [Science & Healthcare]. 2024, (Vol.26) 1, pp. 231-236. doi 10.34689/SH.2024.26.1.027

Иноуэ К., Аккузинова К., Толеуов Е., Молдагалиев Т., Носо Й., Такейчи Н., Фуджимото Н., Хоши М., Оспанова Н., Сексенбаев Н. Систематизация международных академических обменов и приема студентов из-за рубежа, а также поддержание этого подхода: стремление к установлению дальнейших совместных работ в Семее и Японии (Кочи и Хиросима) // Наука и Здравоохранение. 2024. 1(Т.26). С. 231-236. doi 10.34689/SH.2024.26.1.027

Иноуэ К., Аккузинова К., Толеуов Е., Молдагалиев Т., Носо Й., Такейчи Н., Фуджимото Н., Хоши М., Оспанова Н., Сексенбаев Н. Халықаралық академиялық ұтқырлықты және шетелден студенттерді қабылдауды жүйелеу: Семей мен Жапонияда (Кочи және Хиросима) одан әрі бірлескен жұмыстарды орнатуға ұмтылу // Ғылым және Денсаулық сақтау. 2024. 1 (Т.26). Б. 231-236. doi 10.34689/SH.2024.26.1.027

Introduction

The promotion of international collaboration has been described on the websites of many universities in Japan [2-4,9,17,19-22,26]. Many Japanese universities are now focusing on global education, and this tack is similar to that taken in many other countries around the world. After the COVID-19 pandemic, new approaches to global efforts are being devised and are increasingly varied. Universities in the Republic of Kazakhstan (Kazakhstan) are also focusing on global education and efforts from this perspective.

Semey Medical University is a Kazakh university that is working hard at global efforts. In 2018, we reported that Semey Medical University (then Semey State Medical University) is "a university founded in 1952", "located in the City of Semey, Kazakhstan", "a university to train medical personnel", "a medical school with departments of basic, social, and clinical medicine and PhD courses," "a university with about 4,000 students (including about 250 foreign students)" and that it "actively accepts foreign students" [12]. On January 10, 2024, Semey Medical University reported an enrollment of 5,984 students [25].

Kochi University's principles are "to cultivate a spirit of creative inquiry and rich humanity based on an extensive education and a high level of expertise and skill and to develop human resources who will actively contribute to the sound development of humanity", "to conduct creative and original research in basic and applied science with interdisciplinary and international cooperation and to contribute to the advancement of the academy", "to contribute to the advancement of world culture and human welfare through education and research" and "to strive to

promote the local community, to improve education and culture, and to enhance welfare" [18]. As of May 1, 2023, the University had a total enrollment of 4,904 undergraduates and 510 graduate students [18].

Hiroshima University's principles are "the pursuit of peace", "the creation of new forms of knowledge", "the nurturing of well-rounded human beings", "collaboration with the local, regional, and international Community" and "continuous self-improvement" [8]. As of May 1, 2023, the University had 10,612 undergraduate students, 4,526 graduate students, 13 students in special courses, and 550 research and non-degree students [7].

The founding spirit of Hiroshima International University is "to train professionals capable of participating in and making a contribution to today's world and job market through practical skills backed by scientific theory for the world, for humanity, and for our community" [6]. As of May 1, 2023, the University had 4,132 students [5].

At the global level, international exchanges have actively progressed to academic exchanges and student exchanges. Here, we describe our recent efforts to systematize and sustain international academic exchanges and the enrollment of study abroad students.

Materials and Methods

The current study consisted of three parts:

- (1) International exchanges between Semey Medical University and Kochi University and between Semey Medical University and Hiroshima University are described.
- (2) Recent efforts to establish a system to facilitate research by PhD students at Semey Medical University and various Japanese institutions (such as Kochi University,

Hiroshima University, and Hiroshima International University) and to enroll study abroad students are described.

(3) Further facilitation of research by PhD students at Semey Medical University is discussed based on (1) and (2).

Results

- (1) International exchanges between [a] Semey Medical University and Kochi University and between [b] Semey Medical University and Hiroshima University
- [a] Semey Medical University and Kochi University concluded a five-year agreement on international exchanges on February 21, 2018. On February 21, 2023, the two universities concluded an agreement on international exchanges for another five years. During this period, one medical student from Kochi University received medical training and participated in an international exchange, and one physician (One of the authors in this report) gave lectures at Semey Medical University. The physician also served as a research advisor for several PhD students and aided study abroad students in Japan. Thus, the two universities have engaged in international exchanges.
- **[b]** Semey Medical University and Hiroshima University concluded an agreement on international exchanges on July 20, 2002, and that relationship has continued. Hiroshima University has provided research guidance to many PhD students and staff members from Semey

Medical University and has enrolled study abroad students and engaged in international exchanges in Japan,

and the two universities have jointly hosted academic presentations and conferences.

(2) Recent efforts to establish a system to facilitate research by PhD students at Semey Medical University and to enroll study abroad students at various Japanese educational institutions (such as Kochi University, Hiroshima University, and Hiroshima International University)

Once a month, the authors of this paper who work in the Department of Psychiatry and Narcology, Semey Medical University, Kazakhstan (Figure 1) and the Research and Education Faculty, Medical Sciences Cluster, Health

Service Center, Kochi University, Japan provide advice and guidance on research to PhD students in the Department of Psychiatry and Narcology, Semey Medical University in an online meeting lasting about two hours. In addition, online meetings are held with invited participants as needed (several times a month). Research is discussed face-to-face several times a year and the authors also frequently provide research guidance and assistance by e-mail. Furthermore, the authors give online and face-to-face lectures to PhD students, staff members, and medical students, and several times a year the authors analyze aspects of research in their own specialties and investigate aspects of research in a wide range of fields.

Kochi University, Hiroshima University, Hiroshima International University, the Takeichi Clinic, and Ochi Hospital are working together to facilitate study in Japan by PhD students from Semey Medical University.



ABOUTUSY DOCUMENTSY BLOGY ADMISSIC



Organizational Structure / Departments

Department of Psychiatry and Narcology

Information about the Unit

The Department of Psychiatry of the Semipalatinsk State Medical Institute was organized in 1956 on the basis of a neuropsychiatric dispensary. For two years, Associate Professor V.V. Lastovetsky was in charge of the department and one assistant A. I. Kuznetsov worked. From 1959 to 1961, the duties of the head of the department were performed by assistant Kuznetsov Alexander Ivanovich. From 1961 to 1975, Professor Grudev Philip Iosifovich was the head of the department. Over the years, 1 doctoral and 4 candidate dissertations have been defended.

From 1975 to 1981, the head of the department was Associate Professor Viktor Pavlovich Kadykov. During this period, the main directions at the department are devoted to the topic "Features of chronic alcoholism in women". From 1981 to 2001, the department was headed by Professor, Doctor of Medical Sciences Stepanov Alexey Fedorovich. Under the guidance of Professor A.F. Stepanov, graduate student B.S. Vladimirov defended his PhD thesis in 1993. For a short period of time, the position of head of the psychiatry course was occupied by assoc, Burnashov V.S., then acc, Vladimirov B.S.

In different years, Associate Professor Em V. D., assistants Ashirbayeva A.K., Belikhina T.B., Kanapin T.B., Dokenova S.V., Burakhanova G.K. worked at the department.

From 2018 to the present, the head of the department is PhD doctor Moldagaliev T.M. During this period, associate professor, PhD Nargul Narimanovna Ospanova, PhD Sarsembina Zh.D., Master of Medicine Altybayeva G.K., assistant doctors of the highest category Almagambetova A.A., PhD Zhanybekov S.D., Shaimardanov E.K. are working on the course., Candidate of Medical Sciences Bryzhakhina Zh.D., after completing the residency in psychiatry, assistants Seksenbayev N.Zh., Ermekbayev A.U. have been hired since 2018.

Preparing outstanding physicians, scientists and health leaders to provide high quality medical care.

Figure 1. From the home page of the Department of Psychiatry and Narcology, Semey Medical University, Semey, Kazakhstan [1].

Discussion

• The results thus far have been described elsewhere [10,11,13-16,23,24]. Our group has a wide range of expertise, in public health, hygiene, psychiatry, surgery, internal medicine, the science of the effects of radiation and chemical substances, biological science, physics, and environmental science.

We will provide more detailed research advice to PhD students at Semey Medical University as per (1) and (2) above, and we will also endeavor to fully support them in obtaining their degrees (3).

We will continue to actively and extensively promote academic exchanges and student exchanges to benefit both Semey Medical University and Japanese educational institutions. We will further promote and sustain the systemization of international exchanges.

Conclusion

We will continue to improve our international efforts, in both academic and study abroad exchanges. To that end, we will further promote an understanding of these issues at the university level and will solicit the consideration and support of national and local governments, relevant institutions and personnel as necessary.

Funding. This work was supported by JSPS KAKENHI Grants-in-Aid for Scientific Research (C) no. 21K02383 awarded to K.I.; and a JSPS KAKENHI Grant-in-Aid for Scientific Research (A) no. 19H01149 awarded to M.H.

Conflict of Interests. None.

Author Contributions:

Ken Inoue: Conceptualization, methodology, activity, writing-original draft, writing-review and editing, and funding acquisition.

Kamila Akkuzinova, Elaman Toleuov - Conceptualization, methodology, activity, writing-original draft, and writing-review and editing.

Timur Moldagaliyev, Nursultan Seksenbayev -Conceptualization, methodology, activity, and writing-review and editing

Yoshihiro Noso, Nobuo Takeichi, Nariaki Fujimoto, Nargul Ospanova - Activity, and writing-review and editing.

Masaharu Hoshi: Activity, writing-review and editing, and funding acquisition.

References:

- 1. Department of Psychiatry and Narcology, Semey Medical University, Semey, Kazakhstan. Available from: https://smu.edu.kz/en/org-units/departments/department-of-psychiatry-and-narcology/ [cited 2024 Jan 25].
- 2. *Gifu University*. Available from: https://www.glocal.gifu-u.ac.jp/collaboration/joint_degree/ [cited 2024 Jan 19] [in Japanese].
- 3. Global Engagement Division, Tohoku University. Available from: https://web.tohoku.ac.jp/ged/ [cited 2024 Jan 19] [in Japanese].
- 4. *Hirosaki University*. Available from: https://www.hirosaki-u.ac.jp/academic/honbu/kokusai/ [cited 2024 Jan 19] [in Japanese].
- 5. Hiroshima International University. Available from: https://www.hirokoku-
- u.ac.jp/profile/disclosure/basicdata.html#d01 [cited 2024 Jan 13] [in Japanese].
- 6. *Hiroshima International University*. Available from: https://www.hirokoku-u.ac.jp/profile/outline/soul.html [cited 2024 Jan 13] [in Japanese].

- 7. *Hiroshima University*. Available from: https://www.hiroshima-u.ac.jp/about/about [cited 2024 Jan 13] [in Japanese].
- 8. *Hiroshima University*. Available from: https://www.hiroshima-u.ac.jp/about/philosophy [cited 2024 Jan 13] [in Japanese].
- 9. Hokkaido University. Available from: https://www.hokudai.ac.jp/international3/folder/oia/ [cited 2024 Jan 19] [in Japanese].
- 10. Inoue K., Chayzhunusova N., Hoshi M., Noso Y., Takeichi N., Ospanova N. et al. Guidelines on suicide prevention measures for South Korea and Japan based on recent suicide trends: The need to utilize this approach to devise future suicide prevention measures for the rest of Asia and the rest of the world // Sci Healthcare. 2016. 2: 47-55.
- 11. Inoue K., Chayzhunusova N., Noso Y., Hoshi M., Takeichi N. et al. Necessity of long-term, detailed studies of the mental, physical, and environmental status by the effects of radiation involving multiple disciplines: Domestic and international perspectives // Sci Healthcare. 2016. 4: 45-49.
- 12. Inoue K., Chaizhunusova N., Hoshi M., Noso Y., Takeichi N., Ospanova N. et al. The mutual development of universities and areas in Semey and three prefectures in Japan: Continuing educational and research activities, clinical practice, and cooperation and new proposals based on our history with international exchanges // Sci Healthcare. 2018. 6: 163-168.
- 13. Inoue K., Hashioka S., Chaizhunussova N., Ospanova N., Moldagaliyev T. et al. Discussion of several aspects of panic disorder and further research of that disorder in the future // J St Mar Med Ins. 2019. 19(94): 29-31.
- 14. Inoue K., Seksenbayev N., Moldagaliyev T., Noso Y., Takeichi N., Ohira Y. et al. Adequate measures to prevent medical personnel from contracting COVID-19 should be promptly implemented: Support from numerous agencies is needed // Int Marit Health. 2020. 71(4): 296. https://doi: 10.5603/IMH.2020.0050.
- 15. Inoue K., Seksenbayev N., Chaizhunusova N., Moldagaliyev T., Ospanova N., Tokesheva S. et al. An Exploration of the Labor, Financial, and Economic Factors Related to Suicide in the Republic of Kazakhstan // Int J Environ Res Public Health. 2021. 18(13): 6992. https://doi: 10.3390/ijerph18136992.
- 16. Inoue K., Seksenbayev N., Ohira Y., Kawano N., Moldagaliyev T., Ospanova N. et al. The need to provide the global public with accurate information about SARS-CoV-2 variants // BMJ. 2021; 372:
- 17. Institute for International Relations (IIR), Ehime University. Available from: https://web.isc.ehime-u.ac.jp/[cited 2024 Jan 19] [in Japanese].
- 18. *Kochi University*. Available from: https://portraits.niad.ac.jp/univ/outline/0520/0520.html [cited 2024 Jan 12] [in Japanese].
- 19. *Mie University.* Available from: https://www.mie-u.ac.jp/international/ [cited 2024 Jan 19] [in Japanese].
- 20. *Niigata University.* Available from: https://www.niigata-u.ac.jp/international/cooperation/ [cited 2024 Jan 19] [in Japanese].

- 21. *University of Fukui*. Available from: https://www.u-fukui.ac.jp/international/network/ [cited 2024 Jan 19] [in Japanese].
- 22. *University of The Ryukyus*. Available from: https://gspd.skr.u-ryukyu.ac.jp/gakusaibu/kokusai/ [cited 2024 Jan 19] [in Japanese].
- 23. Seksenbayev N., Inoue K., Moldagaliyev T., Sarsembina Z., Altybayeva G., Almagambetova A. et al. Features of risk behavior and suicidal ideation in medical students // Sci Healthcare. 2021. 23(4): 138-146.
- 24. Seksenbayev N., Inoue K., Toleuov E., Akkuzinova K., Karimova Z., Moldagaliyev T. et al. Is the Association Between Suicide and Unemployment Common or Different Among the Post-Soviet Countries? // Int J Environ Res Public Health. 2021. 19(12): 7226. https://doi: 10.3390/ijerph19127226.
- 25. Semey Medical University. Available from: https://smu.edu.kz/en/ [cited 2024 Jan 10].
- 26. Shimane University International Center. Available from: https://kokusai.shimane-u.ac.jp/ [cited 2024 Jan 19] [in Japanese].

Information about the authors:

Ken Inoue - MD, PhD, Research and Education Faculty, Medical Sciences Cluster, Health Service Center, Kochi University, Tel: +81-88-844-8158, Fax: +81-88-844-8089, E-mail: ke-inoue@med.shimane-u.ac.jp, 2-5-1, Akebono-cho, Kochi-shi, Kochi 780-8520, Japan;

Kamila Akkuzinova - MD, Department of Psychiatry and Narcology, Semey Medical University, Tel: +77776211283, E-mail: akkuzinova@gmail.com, https://orcid.org/0000-0002-6294-4168, 103 Abay Street, Semey 071400, Kazakhstan;

Elaman Toleuov - MD, Department of Psychiatry and Narcology, Semey Medical University, Tel: +77776211283, E-mail: elamantol96@gmail.com, 103 Abay Street, Semey 071400, Kazakhstan;

Timur Moldagaliyev - MD, PhD, Department of Psychiatry and Narcology, Semey Medical University, Tel: +77776211283, E-mail: timur_party@inbox.ru, https://orcid.org/0000-0002-4385-8459, 103 Abay Street, Semey 071400, Kazakhstan;

Yoshihiro Noso - MD, PhD, Department of Health Services Management, Hiroshima International University, Tel: +81-823-70-4541, Fax: +81-823-70-4611, E-mail: doc2018noso@gmail.com, https://orcid.org/0000-0003-3477-1260, 555-36, Kurosegakuendai, Higashihiroshima-shi, Hiroshima 739-2695, Japan;

Nobuo Takeichi - MD, PhD, Takeichi Clinic, Hiroshima University, Tel: +81-82-262-9801, Fax: +81-82-262-0830, E-mail: htmc@topaz.ocn.ne.jp, https://orcid.org/0000-0002-8668-3388, 1-33, Nishikoujinmachi, Minami-ku, Hiroshima-shi, Hiroshima 732-0806, Japan;

Nariaki Fujimoto - PhD, Hiroshima University, Tel: +81-82-257-1556, Fax: +81-82-257-1556, E-mail: nfjm@hiroshima-u.ac.jp., https://orcid.org/0000-0002-8570-4001, 1-2-3, Kasumi, Minami-ku, Hiroshima-shi, Hiroshima 734-8553, Japan;

Masaharu Hoshi - PhD, Hiroshima University, Tel: +81-82-542-6975, Fax: +81-82-542-6975, E-mail: mhoshi@hiroshima-u.ac.jp, https://orcid.org/0000-0001-6978-0883, 1-1-89, Higashisendamachi, Naka-ku, Hiroshima-shi, Hiroshima 730-0053, Japan:

Nargul Ospanova - MD, PhD, Department of Psychiatry and Narcology, Semey Medical University, Tel: +77052075405, E-mail: nargul_ospanova@mail.ru, https://orcid.org/0000-0002-9316-6389, 103 Abay Street, Semey 071400, Kazakhstan;

Nursultan Seksenbayev - MD, PhD, Department of Psychiatry and Narcology, Semey Medical University, Tel: +77073658271, E-mail: nurs_7sk@inbox.ru, https://orcid.org/0000-0001-6276-3546, 103 Abay Street, Semey 071400, Kazakhstan.

Corresponding author:

Ken Inoue, MD, PhD, Professor, Research and Education Faculty, Medical Sciences Cluster, Health Service Center, Kochi University, Japan;

Address: 2-5-1, Akebono-cho, Kochi-shi, Kochi 780-8520, Japan

E-mail: ke-inoue@med.shimane-u.ac.jp, **Phone:** +81-88-844-8158, +81-88-844-8089