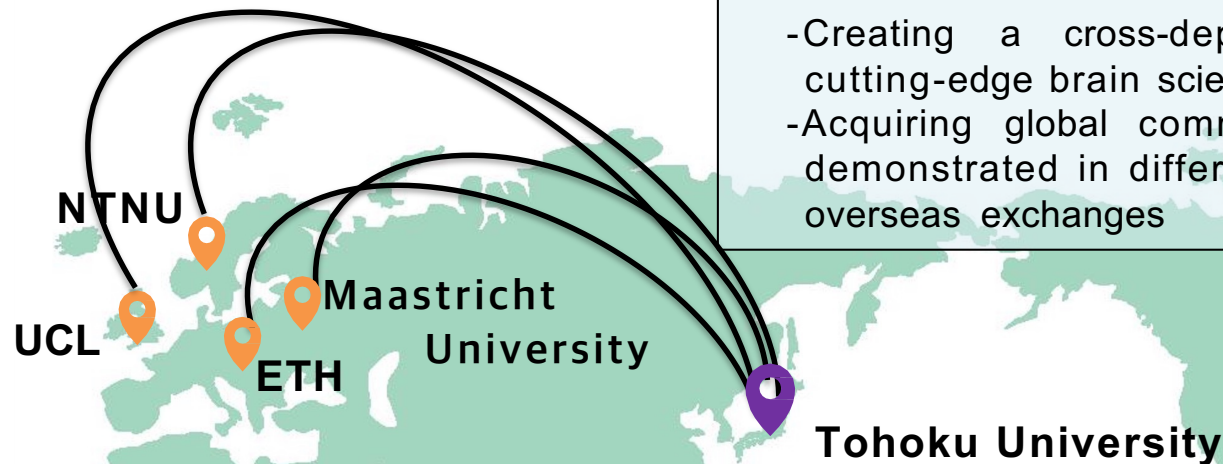




NEURO GLOBAL

Tohoku University

Neuro Global International Joint Graduate Program



-Creating a cross-departmental, internationalized, cutting-edge brain science educational environment
-Acquiring global communication skills that can be demonstrated in different cultures and fields through overseas exchanges

◆ Joint Program: Graduate School of Medicine + Graduate School of Life Sciences

- ◆ Covering genes, molecules, cells, systems, brain imaging, behavior, environmental response, etc
- ◆ Lectures delivered in English
- ◆ Introduction of Quality Examination (QE)
- ◆ Financial Support and Assistance for studying at foreign institutes w/ MOU

-Eidgenössische Technische Hochschule Zürich(ETH)
-University College of London(UCL)
-Norwegian University of Science and Technology(NTNU)
-Maastricht University
-Katholieke Universiteit Leuven (KU Leuven)
-University of Leicester (for Academic English), etc

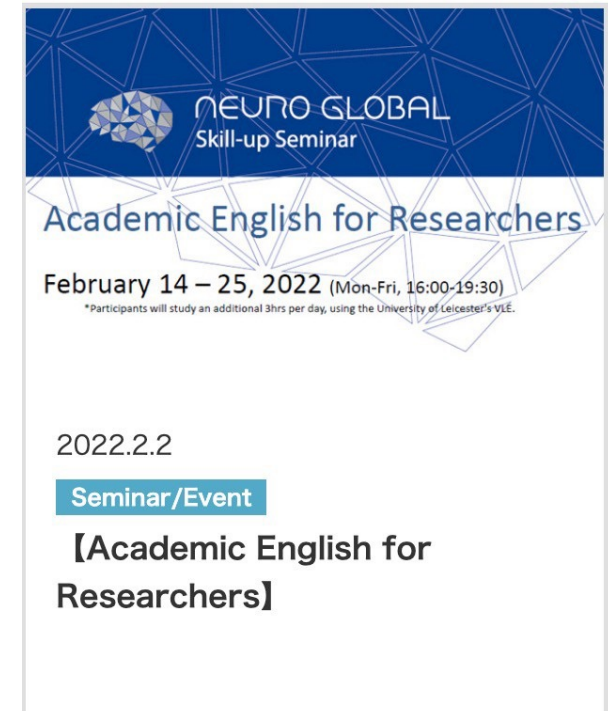
Course Outline



		Neuro Global Program (Tohoku University)	Associated Overseas University
Ph.D. Course	Expected degree	Certificate as graduation of NGP	
	Ph.D. defense	QE2 (performed along with the Ph.D. defense required by the graduate schools)	evaluated by the supervisor at the associated overseas university
	Ph.D. Study (9~30 mandatory)	Different requirement for Grad Sch of Life Sciences and Grad Sch of Medicine	
	Overseas training (6units mandatory)	3- 6 months : Training from international supervisors	Long-term training at the Tohoku University
	NGP subjects (optional)	Overseas academic conference attendance Advanced academic English training course, Advanced basic neuro-science, Advanced brain science seminar series Ex, Advanced brain science intensive lectures	
Master Course	Master course thesis defense	QE1 (performed along with the Master Course thesis defense by the graduate School)	evaluated by the supervisor at the associated overseas university
	Master Course study (30units mandatory)	Different requirement for Grad Sch of Life Sciences and Grad Sch of Medicine	
	Short overseas training (6-10 units optional)	Grad Sch of Med: Short-term overseas training lasting approximately 1 week to 1 month can be acquired as "Internship training" or "Article research I" Grad sch of Life Sciences: Applicable units don't exist in the curriculum, but workshops and research guidance by partner faculty researchers in the field of brain science abroad as part of the course	
	International study (2 units mandatory)	Academic English Training Course (Acquire the skills for English communication and academic presentation)	Welcome to attend this workshop and participate in the discussion
	Basic NGP studies 4 units selection mandatory	Basic Neuroscience-Neuroanatomy, -Systems Neuroscience, Molecular Neurobiology,- Cell Physiology Brain Science Seminar Series Ex Brain Science Intensive Lectures I-XIII	Blue : foster system integration skills Red : foster international communication and collaborative skills Green : Systems to ensure and guarantee the quality of the students' achievements Black : Newly organized international lectures

Requirements for NGP Student

- **M1** (or **D1** for Graduate School of Medicine only) students can apply for **QE0 (June/December)** to be a **pre-program students**
 - Evaluated by performance (scores) during the undergraduate course, communication skill in English, purpose for the application, and oral interview in English
 - Financial support starts from pre-program students
- By passing **QE1** (along with the master degree completion) (Possibly D1 or D2 for Graduate School of Medicine), NGP students continue to receive a financial support and start Ph.D.
 - Evaluated by performance during Graduate School and oral interview in English
- Special overseas training for approximately 3-6 months during D1-D3
 - Research at collaborative lab in universities/institutes w/ MOU
 - Support for travel and accommodation expenses
- By passing **QE2** (along with the Ph.D. defense completion), students can obtain acknowledgement of completing NGP as well as Ph.D. degree status



NEURO GLOBAL
Skill-up Seminar

Academic English for Researchers

February 14 – 25, 2022 (Mon-Fri, 16:00-19:30)
*Participants will study an additional 3hrs per day, using the University of Leicester's VLE.


2022.2.2

Seminar/Event

【Academic English for Researchers】

More information will be found in our Web!

TOPICS




NEURO GLOBAL seminar

NEW

2022.10.21 **Seminar/Event**

2022.11.29

Neuro Global Seminar 【Brain science seminar series Ex】 / 【Advanced brain science seminar series Ex】



2022.10.21

Release


Application Guidelines for the NGP students (Pre-Program students) enrollment for April 2023. 【Deadline: 14:00 (JST), December 1, 2022】



2022.10.20

NGP Alumni

Message from Alumnus: 3rd generation NGP graduate (September 2022)



2022.10.18

Seminar/Event

2022.10.28

Guidance for Application Guidelines of the NGP students (Pre-Program students)

<http://www.neuroglobal.tohoku.ac.jp/en/index.html>

Topics

Utilize Online
Webner !

2022.9.28

Here is the announcement for an online seminar related to neuroscience that you might be interested in (October):

NeuroZoom -- organized by Aaron Gitler (Stanford) and Zilong Qiu (Chinese Academy of Sciences)

Time:

Every Monday 5PM (PST), 8PM (EDT), +1 day 8AM (Beijing);
Every Tuesday, 9AM Japan time

Zoom link:

<https://stanford.zoom.us/j/581081798>
Password: 8675309

October schedule:

- October 4(Tue): [Bingxing Pan](#) (Nanchang University) and [Seung-Ho Lee](#) (Seoul National University)
- October 11(Tue): [Jacqueline Burré](#) (Weill Cornell Medical College) and [Zilong Qiu](#) (Chinese Academy of Sciences)
- October 18(Tue): [Yueqing Peng](#) (Columbia University) and [Zilong Qiu](#) (Institute for Neuroscience)
- October 25(Tue): [Christina Sigurdson](#) (University of California San Diego)
- November 1(Tue): [Yi Gu](#) (NIH) and [Jisong Guan](#) (ShanghaiTech)

Website:

<https://www.neurozoom.bio/>

Neuro Zoom Research Talks

Join us for lively research talks each week!

Oct 24, Monday 5:00 PM (PDT), 8:00 PM (EDT)
Oct 25, Tuesday 8:00 AM (Beijing Time)

Zoom Meeting ID: 581 081 798
Password: 8675309

Everyone is Welcome!
Sign up to give a
talk about your research!
<http://neurozoom.bio>

Organizers: Zilong Qiu (zqiu@ion.ac.cn)
and Aaron Gitler (agitler@stanford.edu)



Xu Chen, Ph.D.
Assistant Professor
University of California San
Diego


*"Multifaceted role of the
AMPK-p300 pathway in
tauopathy"*



Christina Sigurdson, D.V.M. Ph.D.
Professor
University of California San
Diego

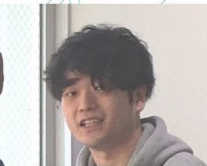
*Consequences of ESCRT pathway
dysregulation in prion disease"*

Exchanges among students



Orientation Zoom Seminar for NGP Students Online **[Closed Seminar]**

Host
Ochi Shohei
Research Assistant, Tohoku University Graduate School of Medicine, Department of Developmental Neuroscience, Tohoku University



Osumi Noriko
Professor, Tohoku University Graduate School of Medicine, Department of Developmental Neuroscience, Tohoku University

Matsui Ko
Professor, Super-network Brain Physiology, Graduate School of Life Sciences, Tohoku University

Date
July 13 (Mon) 16:30-18:00


Zoom Link
Please access the following URL on the above date
<https://zoom.us/.....>

Contents
-2-3 min flash talk by NGP students and Pre-Program students
***Please prepare one-page PPT or PDF self introduction slide**

Neuro Globalプログラム生 (Neuro Global Program Students)
【脳科学講義Ⅲ】/【先進脳科学講義Ⅲ】
【Brain Science Lecture III】/【Advanced brain Science Lecture III】

東北大学 Neuro Global 国際共同大学院プログラム事務局
info@neuroglobal.tohoku.ac.jp
Contact: [Shohei Ochi <shohei.ochi.a5@tohoku.ac.jp>](mailto:Shohei.Ochi@tohoku.ac.jp)
<http://www.neuroglobal.tohoku.ac.jp>

Contact: Prof. Noriko Osumi
osumi@med.tohoku.ac.jp



2020.7.21

“【Brain Science Lecture III】 / 【Advanced brain Science Lecture III】
Zoom Seminar for NGP Students Online #1” was held in July 13, 2020

Comment about NGP online lecture

D2 Misako TATEHANA
Graduate School of Medicine

Due to COVID-19, the class was held online. We did one minutes presentation, and introduced our own research project to other students. It was very exciting to know other students' research projects. Also, it was a great opportunity for future collaborations. Although this situation is sort of abnormal, we learned that interacting with other researchers or students still can be done online. Even in this situation, I want to discuss actively with other researchers online and do what I can do.



D2 Lingling MAI
Graduate School of Medicine

Nearly every aspect of normal life has been affected by the spread of coronavirus and its associated disease, COVID-19. Its effects on colleges and universities are multifaceted and quite complex. An unexpected consequence of this pandemic is that higher education will become significantly more accessible as universities think about how to move all of their programs online. Meanwhile, for researchers and graduate students, a communication plan for rapid and convenient sharing of information between each other and/or within the research group should be developed and applied.



M2 Sharmin NAHER
Graduate School of Life Sciences

I think, communication among different research fields is vital for sharing our research activities. Although we are now facing communication challenges caused by COVID-19 pandemic, we can, fortunately, connect with each other via this online meeting. This online meeting gives me an opportunity to share my work with anotehr NGP students and to know about others research works during this COVID-19 crisis which is very helpful for me.



We will welcome you!!!



2022.2.4

Report

NGP Exchange Meeting was held on December 21

2021.8.24

"Neuro Global Online Gathering" was held on April 26.

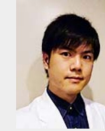
Comment about Neuro Global Online Gathering

D2 Kazuo KAKINUMA
Graduate School of Medicine

I participated in the NGP Online Gathering on April 26. Like the other lectures last year, this event was held online.

At this event, I listened to flash talks by other NGP students and pre-program students on a variety of research topics. Graduate students from various laboratories applied for the NGP, and their research topics and approaches were very diverse. Though some talks were unfamiliar and difficult for me, as a whole they were all stimulating. Among them, I also gave a one-minute flash talk to introduce my research. My research focuses on the clinical estimation of the functional localization of the human brain. I usually work as a medical doctor in a university hospital, practicing clinical medicine as well as studying human brain function with the cooperation of patients with brain disease.

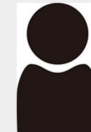
In addition to the opportunity to know about a variety of brain researches, the NGP also provides an opportunity to train me to explain my research topic clearly in English.



D4 Teppei KANAYA
Graduate School of Medicine

Although under this difficult time, I am happy to be able to attend the NGP Online Gathering and welcome the new students. In this social event, we introduced our own research in one minute as a flash talk, and then interacted freely. This year, the first graduates of the Neuro Global Program, Dr. Onodera and Dr. Honda gave a message for the NGP students. As the first graduates, they mentioned how tough studying abroad in an unprecedented situation could be. Including such things, they learned a lot from studying abroad and motivated us a lot.

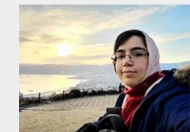
In this unprecedented situation due to Covid-19, we feel anxious about studying abroad. Face-to-face exchanges are limited, and some NGP students may be held back from studying abroad. However, a lot is being accomplished online, including this social event, and it seems that opportunities for social interactions are more open than ever. I would like to make the most of these opportunities to improve each other and prepare for the upcoming opportunities to study abroad.



D1 Sara EbrahimiAzar
Graduate School of Medicine

Due to the pandemic, it has been more than a year since the NGP gatherings are held online. I think everyone is quite used to this style of presentation now and can see the importance of developing their abilities of using such different means of discussion. In this "Flash Talk" gathering, we introduced our research project to other students in about one minute. I believe that NGP provides nice opportunities for students to practice presenting their projects in a clear and concise manner, and in a friendly environment where they can polish their presentation skills. In my case, I realized that I need to work on conveying the concept of my study in a limited time and stick to essential data that represent my work more comprehensively.

In addition, this was a great occasion for students from different neuroscientific backgrounds to get to know about other research perspectives in this area, and possibly create chances for future collaborations. This was further provided by the casual gathering after the main meeting, where we could break up in smaller groups and talk more directly to each other. We were also introduced to some of the first NGP students who graduated recently and received encouraging messages from them.



E-mail : info*neuroglobal.tohoku.ac.jp (Please convert 「*」 into 「@」 .)