



Annual Report
2022

INTERNATIONAL
BRAIN RESEARCH
ORGANIZATION





In 2022, against a backdrop of renewed opportunities and new challenges, IBRO maintained its focus on developing strategies to best serve the global needs of our neuroscience community. The constant engagement and hard work of our international team, members, and partners was of fundamental importance to our ongoing efforts to elevate and provide equity for neuroscience research, education, training, and outreach worldwide.

Tracy L. Bale, IBRO President



IBRO extends a special thanks to **David S. Goodsell** who has generously provided images for this Annual Report. Goodsell has a PhD in Biochemistry, and has a joint appointment as a Professor of Computational Biology at the Scripps Research Institute and as a Research Professor at Rutgers University, where he acts as the Scientific Outreach Lead at the RCSB Protein Data Bank. Through his extraordinary paintings, he represents cells, organelles, and molecules in an incredibly detailed and artistic manner.

Explore more of his sci-art at <https://ccsb.scripps.edu/goodsell/>.

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message

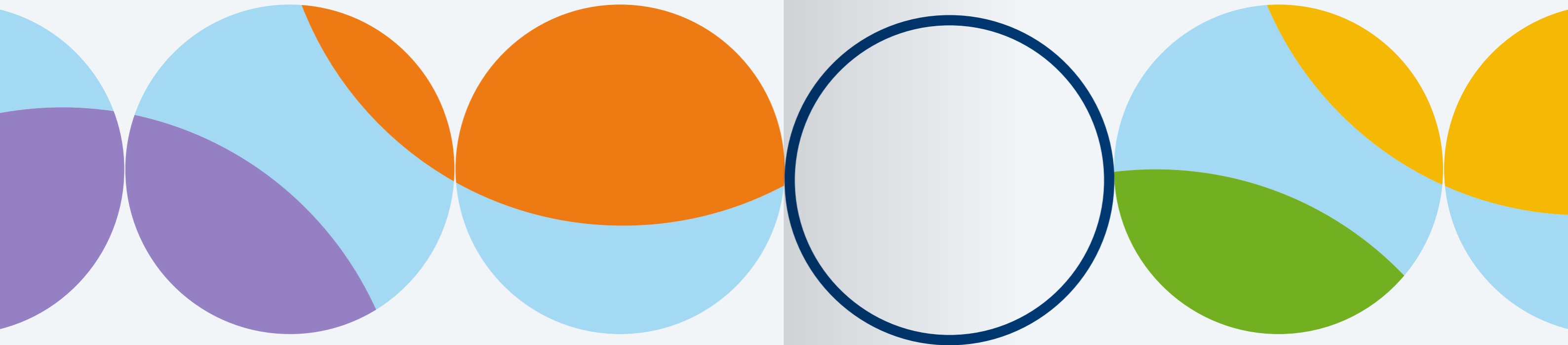
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President's message

**"A key priority
for IBRO in 2022
was our continued
work and advocacy
for the importance
of increased
diversity, equity,
and inclusivity in
neuroscience"**

Tracy L. Bale

Illustration by David S. Goodsell.
doi: 10.2210/rcsb_pdb/goodsell-gallery-016



IBRO

The President's Message



Dear Colleagues,

I am thrilled to share with you some selected IBRO highlights and achievements from 2022 for this year's annual report. Over the past year, as improvements in the COVID-19 pandemic became reality around the world, plans were resumed, new projects were developed, and we were able to benefit once again from in-person meetings and exchanges. Against this backdrop of renewed opportunities and new challenges, IBRO maintained its focus on developing strategies to best serve the global needs of our neuroscience community. The constant engagement and hard work of our international team, members, and partners was of fundamental importance to our ongoing efforts to elevate and provide equity for neuroscience research, education, training, and outreach worldwide. I would like to extend my appreciation to the IBRO community for their continued support.

As an international organization with representation across five regions encompassing the world, and a federation of more than 90 neuroscience societies (representing nearly 90,000 neuroscientists), a key priority for IBRO in

2022 was our continued work and advocacy for the importance of increased diversity, equity, and inclusivity in neuroscience. Through the tremendous efforts of our voluntary team of neuroscientists in all five regions and our dedicated staff, we continue to offer an exciting range of funding and training opportunities for scientists at all career stages, with the overarching goal of meeting regional demands and addressing universal issues. One such program I would like to highlight was the Rising Stars Award, which in 2022 evolved from the previous Return Home Fellowship program to best accommodate the needs of early career principal investigators from different regions, providing support to navigate hurdles sometimes present when starting a new research lab.

IBRO's initiatives and its impact would not be possible without our journals, *Neuroscience* and *IBRO Neuroscience Reports*. The revenue from our journals enables us to continue offering our exciting and varied funding and training framework to neuroscientists from around the world. 100% of the proceeds generated from our journals is distributed equally around IBRO's five regions. My sincere thanks to all journal editors, reviewers, authors, and our publisher,

Elsevier, who contributed to ensuring IBRO's goals were achieved throughout the year.

Over the last year, IBRO implemented internal changes aimed at adapting the organization to better serve our community and help us deliver our mission, including the development of new regulations and guidelines, as well as the hiring of new staff members within the secretariat. These changes are necessary to keep IBRO moving in the right direction, ensuring transparency and accountability in all our operations, and to help identify new needs and opportunities in an ever-changing landscape. A concerted effort was made to increase the visibility and reach of our programs and support opportunities, and to celebrate our ever-growing community of IBRO alumni and the impact of IBRO in the neuroscience community.

2022 was the final year of my first term as IBRO President – as the first female President in IBRO's history. I was honored to be re-elected to extend my position for three more years, along with Jerome Sanes, IBRO's Treasurer. Our members also elected Giuseppe Di Giovanni as Secretary General-elect, who will start his term as Secretary General in 2024. In addition,

our Pan-Europe and US/Canada Regional Committees have been joined by two new members each, starting their terms in January 2023. These are exciting times for IBRO, and we are working hard to ensure we can continue to meet the challenges on the horizon.

Finally, it is with incredible excitement that we look forward to the 11th IBRO World Congress hosted by the Spanish Society of Neuroscience (SENC) that will bring together neuroscientists from all around the globe to Granada, Spain, in September 2023. IBRO and the organizers are dedicated to providing an unforgettable and enriching experience, and we look forward to welcoming the neuroscience community there.

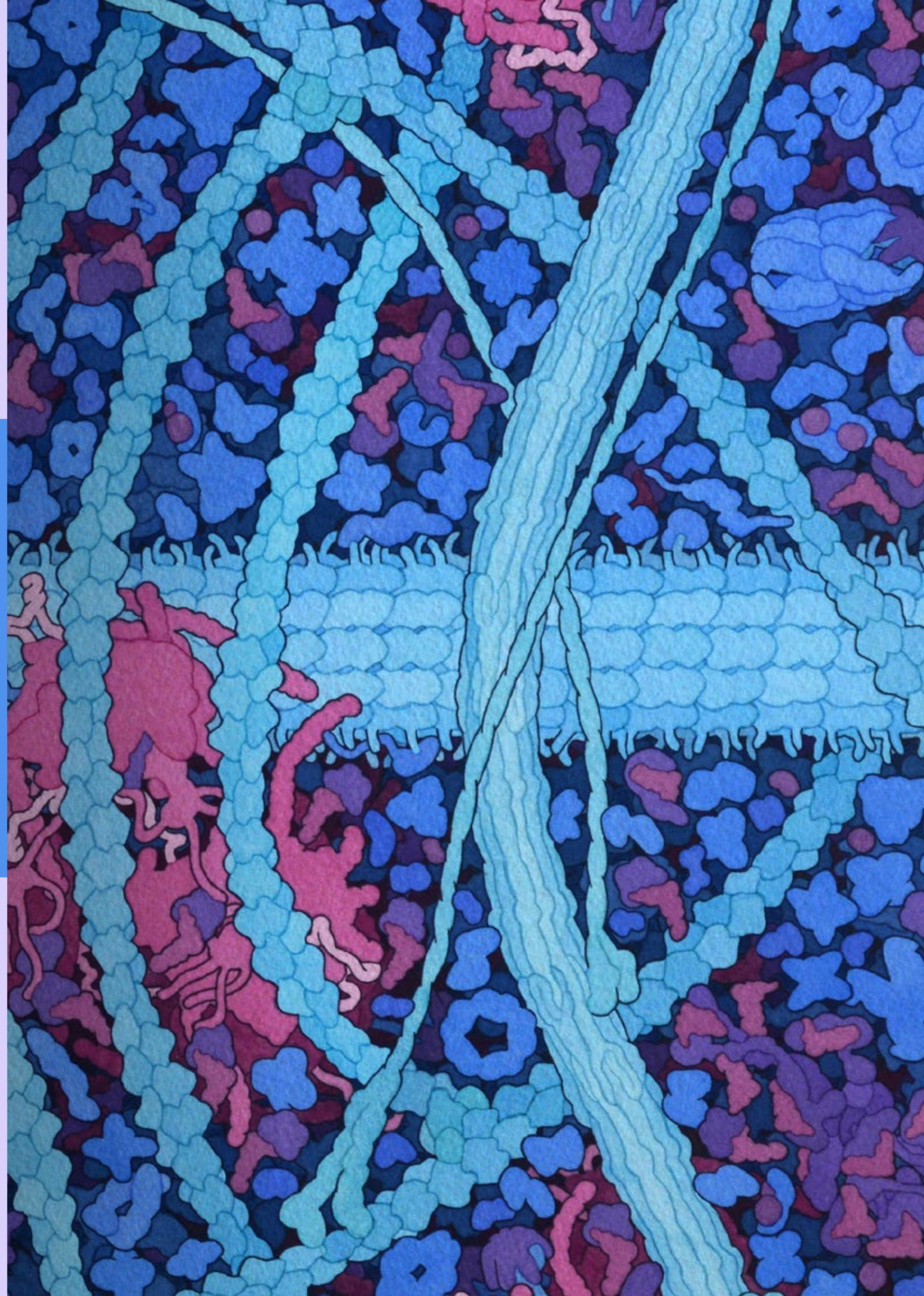
As we move forward from past challenges and face new ones, IBRO stands committed to its mission of addressing regional and global needs of the neuroscience community by engaging local representatives and partnering with key stakeholders to advance neuroscience and make it a more diverse, equal, and inclusive field of research.

Tracy L. Bale, PhD, IBRO President

About IBRO

Promoting
and supporting
neuroscience
around the
world since 1961.

Illustration by David S. Goodsell, RCSB Protein Data Bank.
doi: 10.2210/rcsb_pdb/gallery-gallsell-036



About IBRO

The International Brain Research Organization (IBRO) has been promoting and supporting neuroscience around the world since 1961, with the goal of advancing the understanding of the nervous system. Under the guidance of an international team of volunteer neuroscientists, IBRO implements strategic programs with the aim of providing equitable and inclusive access to career development opportunities for neuroscientists from diverse backgrounds at all career stages worldwide. By engaging with like-minded stakeholders, IBRO broadens its impact, helping to bridge

gaps in neuroscience research, training, education, advocacy, and outreach. Through the publication of its two journals, *Neuroscience*, IBRO's flagship journal, and *IBRO Neuroscience Reports*, its open access journal, IBRO supports the dissemination of neuroscience research internationally. The quadrennial IBRO World Congress, organized by IBRO in close collaboration with regional neuroscience societies, aims to strengthen the neuroscience community, facilitate exchange and increase global awareness of neuroscience research.

IBRO Mission

Through its programs and activities, IBRO strives to:

- Promote and coordinate research in all areas related to the brain and the nervous system
- Promote international collaboration and the exchange of scientific knowledge worldwide
- Support and engage in the dissemination of information relating to neuroscience research
- Provide for and assist scientists in the development of their professional careers
- Encourage and enable the development of a more diverse, equal and inclusive neuroscience community

IBRO Governance

More than 90 international, regional, and national scientific societies make up IBRO's Governing Council. Together, IBRO's Governing Council, Executive Committee, five Regional Committees (Africa, Asia-Pacific, Latin America, Pan-Europe, and US/Canada) and Early Career Committee aim to address the needs and advance the work of individual neuroscientists and neuroscience research communities globally. In addition, three dedicated committees, the Finance, Publications and Nominations Committees, as well as an Advisory Board and IBRO's secretariat further support IBRO administration to best serve the neuroscience community.



IBRO in action

**"Our ultimate goal
is to foster a
vibrant and diverse
neuroscience
community that
contributes to the
betterment of society
as a whole"**

Sung-Jin Jeong

Illustration by David S. Goodsell.
doi:10.2210/rcsb_pdb/goodsell-gallery-016



IBRO in action

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Message from IBRO Secretary General



Our goal is to create funding, educational and training programs that transcend differences in gender, ethnicity, age and other factors, ensuring that everyone has equal access to opportunities for growth and development.

As a leading global organization in the field of neuroscience, IBRO is committed to providing a diverse and inclusive educational and training platform through intercontinental exchanges and cooperation with a global community of more than 90,000 members from over 90 neuroscience societies. Our goal in this work is to create funding, educational and training programs that transcend differences in gender, ethnicity, age and other factors, ensuring that everyone has equal access to opportunities for growth and development.

To achieve this, we place a strong emphasis on fairness and transparency in our grant evaluation processes, which align with the core values of IBRO. By fostering a more equitable environment, we hope to expand access to education and training opportunities for more students and

scientists at an early stage of their careers. This will not only enhance their individual scientific competence but also contribute to local neuroscience communities, by augmenting their collective knowledge, eventually promoting the development of global neuroscience.

One of our major missions is the next IBRO World Congress, which will be held in Granada, Spain from 9 to 13 September 2023. By collaborating with the local community, we aim to facilitate growth, and create opportunities and success in the field of neuroscience. Our ultimate goal is to foster a vibrant and diverse neuroscience community that contributes to the betterment of society as a whole.

Sung-Jin Jeong, PhD
IBRO Secretary General

IBRO programs

IBRO's core values drive its global programs, with particular emphasis on diversity, equity, inclusion and impact. Its innovative funding framework supports individual career development and event organization, responding to the needs of the international neuroscience community, while allowing flexibility based on differing regional priorities. Encompassing all career stages, IBRO's support for individuals includes

exchange fellowships and travel grants, early career awards as well as support for collaborative research projects and the establishment of early career independent scientists. Opportunities also include access to hands-on training, long-term mentoring and support for parental leave. Support for event organizers includes funding for conferences, meetings, and outreach activities, as well as for soft skills training.

CAREER DEVELOPMENT

IBRO offers a range of programs aiming to support individuals' professional development.

- **IBRO Travel Grants** support the participation of PhD students, post-doctoral fellows and early career investigators in international neuroscience meetings and events.
- **IBRO Exchange Fellowships** enable early career neuroscientists to broaden the scope of their neuroscience training by conducting goal-directed laboratory visits.
- **IBRO Early Career Awards** provide supplemental laboratory funding for early career principal investigators belonging to underrepresented or historically excluded groups, who have started their first independent laboratory within the last five years.
- **IBRO Collaborative Research Grants** foster international early career exchange by facilitating collaboration between emerging and/or established research groups.
- **IBRO Rising Stars Awards** offer substantial support for early career investigators to continue internationally recognized scientific activities in brain research, with an emphasis on setting up independent laboratories.
- **IBRO Parenthood Grants** aim to counter any negative impact of parental leave on the continuity of scientific research by providing project-specific support.

- **IBRO/IBE-UNESCO Science of Learning Fellowships** support mid-career and senior scientists to translate key neuroscience research on learning and the brain to educators, policymakers and governments, in addition to receiving training in policymaking in an international context.
- **IBRO Schools** offer structured educational programs in neuroscience for students from different parts of the world. School themes and locations vary from year to year and are defined by the existence of a structured educational program.

REGIONAL PARTNERSHIPS

- **Cajal Advanced Neuroscience Training Programme Stipends** offer access to state-of-the-art hands-on training in cutting-edge techniques and concepts relevant to modern neuroscience over a range of disciplines.
- **Marine Biology Laboratory (MBL) and Cold Spring Harbor Laboratory (CSHL) Fellowships** provide trainees from diverse and underrepresented backgrounds with access to cutting-edge research approaches in contemporary neuroscience.
- **Scholarships to Enhance and Empower Diversity** ease the transition of diverse, early career scientists into academic positions by providing long-term mentoring and professional development, with an emphasis on assistance with the submission of research grant applications.
- **Undergraduate Summer Internship Programs** address inequities in opportunities in scientific education and careers by providing neuroscience

EVENT ORGANIZATION

IBRO provides several programs to support the planning and organization of events.

- **IBRO Diversity Grants** support activities or events that address the need for gender and regional diversity in neuroscience.
- **IBRO Conference Sponsorships** support formal and regular conferences organized by regional neuroscience societies and other organizations.
- **IBRO Meetings Support** offers funding for symposia, short courses, workshops, and meeting organizers themselves on important topics in neuroscience.
- **Support for Soft Skills Training** facilitates the organization of training activities on soft skills such as oral presentation skills, as well as scientific writing and team building.

- **The IBRO Schools Program** supports the organization of schools on varying themes by IBRO national society members and other neuroscience organizations.
- **IBRO/Dana Brain Awareness Week Grants** support activities to increase public knowledge of neuroscience research and awareness about the brain, by increasing opportunities for outreach and awareness campaigns in regions challenged by a lack of resources, support, and/or public understanding. exposure, mentorship, and professional development to undergraduate students from underrepresented backgrounds.



Browse IBRO's funding and training programs

IBRO's initiatives aim to ensure a long-term impact on the global neuroscience community. Representatives of IBRO's five Regional Committees, in Africa, Asia-Pacific, Latin America, Pan-Europe and US/Canada, as well as the IBRO Early Career Committee, work in collaboration with IBRO leadership to identify local and global needs. They then design and implement programs to address these needs in an effective and inclusive manner.

The structure of IBRO's Regional Committees serves to facilitate inclusive, action-oriented discussions. Committee members' diverse backgrounds enrich the development and implementation of IBRO's programs, with the ultimate goal of responding to real regional and global needs. Within this collaborative framework, IBRO strives to further neuroscience

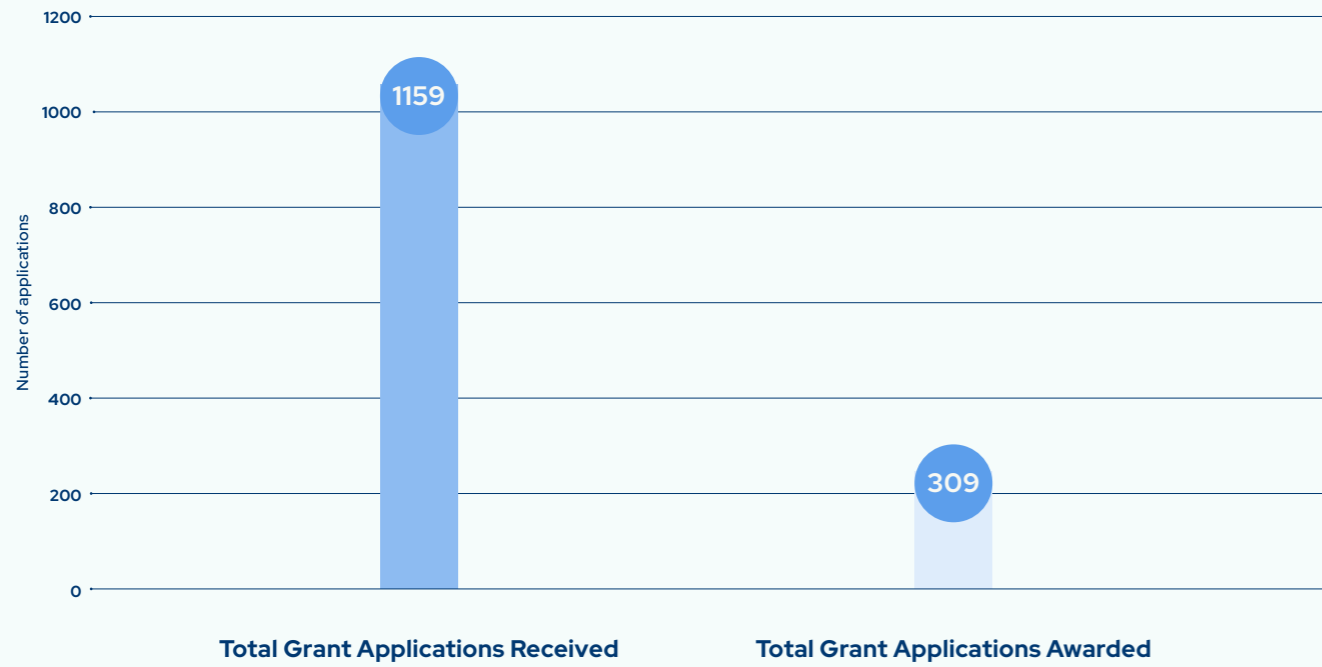
research, education, and outreach worldwide, providing access to resources and training opportunities to neuroscientists at all career stages.

In 2022, IBRO was proud to support a wide variety of funding and training opportunities. **From more than 1,150 grant applications, 309 awards were distributed to researchers working in 67 countries** to fund individual and collaborative projects, assist neuroscientists on parental leave, and cover travel expenses to attend conferences, support meetings and events, among other activities. **A total of 30 schools on various neuroscience-related topics were also supported by IBRO in several countries, offering excellent training to around 750 participants from 67 countries.**

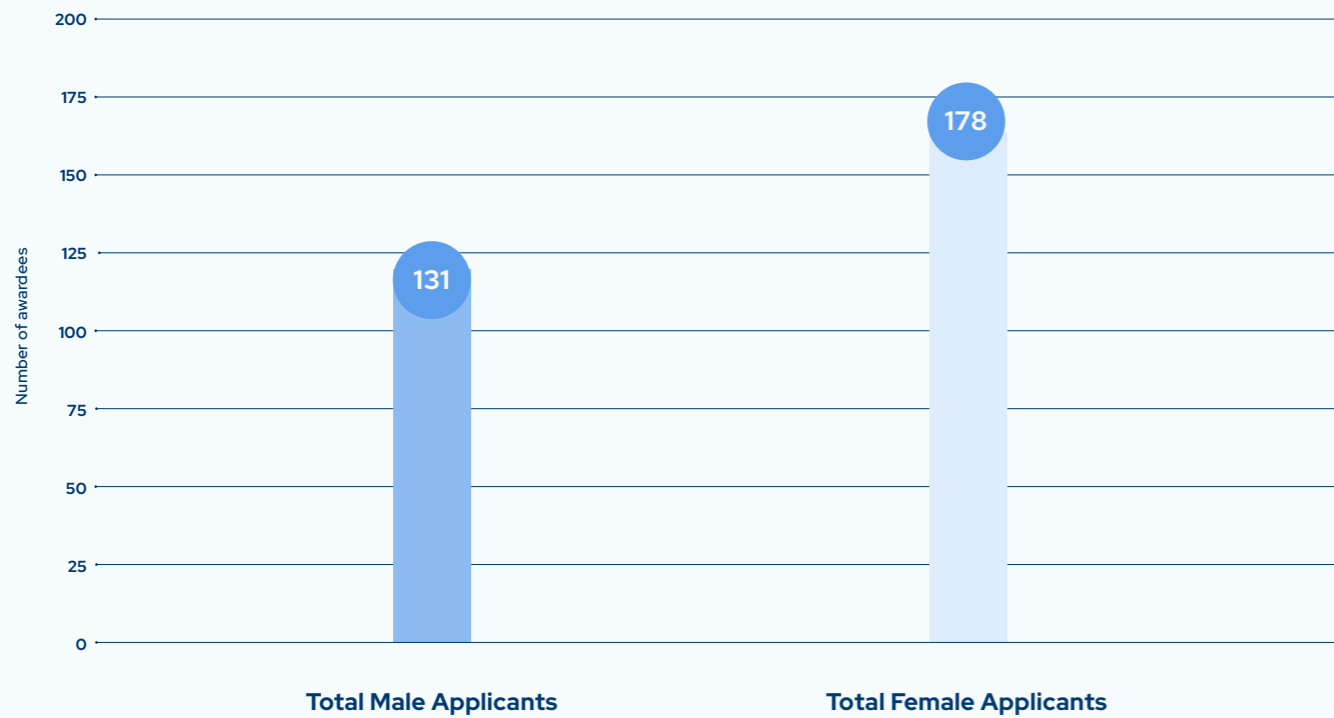
2022 impact

FUNDING

Total applications processed

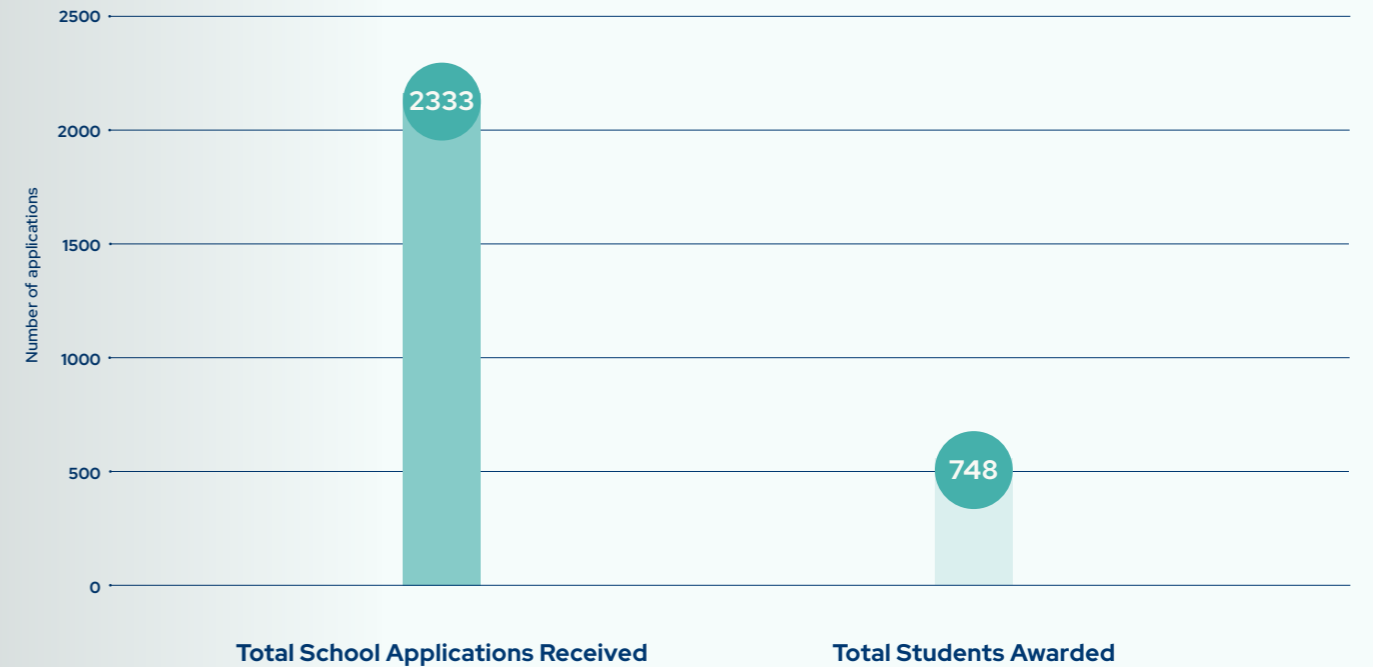


Gender distribution of IBRO awardees

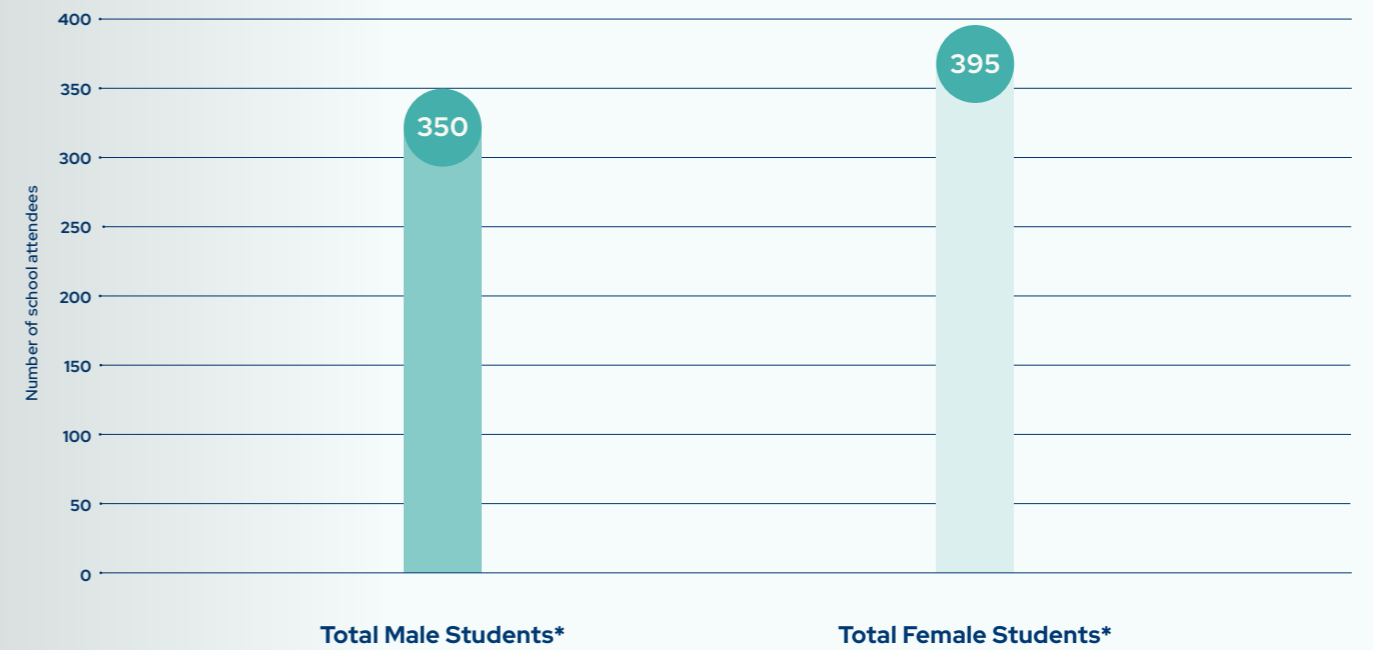


TRAINING

Total applications processed



Gender distribution of IBRO school attendees



*not all gender data can be reported based on applicants' request for privacy

IBRO Grant Awardees and School Participants

- Grant Awardees
- School Participants

AFRICA

- Botswana ● (1)
- Burkina Faso ● (4)
- Burundi ● (1) ● (1)
- Côte d'Ivoire ● (2)
- Cameroon ● (7) ● (15)
- Democratic Republic of the Congo ● (2) ● (17)
- Egypt ● (7) ● (63)
- Ethiopia ● (3) ● (4)
- Gabon ● (1)
- Ghana ● (3) ● (10)
- Kenya ● (1) ● (47)
- Malawi ● (1)
- Mauritania ● (1)
- Morocco ● (5) ● (28)
- Nigeria ● (12) ● (93)
- Rwanda ● (1) ● (2)
- Senegal ● (2)
- Sierra Leone ● (1)

- South Africa ● (8) ● (17)
- Sudan ● (3)
- Tanzania ● (3)
- Togo ● (4)
- Tunisia ● (3) ● (28)
- Uganda ● (2) ● (13)
- Zambia ● (3) ● (7)
- Zimbabwe ● (1) ● (1)

ASIA-PACIFIC

- Afghanistan ● (1)
- Australia ● (6) ● (8)
- China ● (38)
- Hong Kong ● (1)
- India ● (21) ● (83)
- Indonesia ● (1)
- Iran ● (3) ● (5)
- Japan ● (2) ● (5)
- Jordan ● (2)
- Kyrgyzstan ● (1) ● (1)
- Lebanon ● (7)
- Malaysia ● (7) ● (12)
- Mongolia ● (3) ● (20)
- Nepal ● (3) ● (5)
- Pakistan ● (5) ● (2)
- Saudi Arabia ● (1)
- Singapore ● (1)
- South Korea ● (1) ● (3)
- Sri Lanka ● (1)
- Thailand ● (3)
- United Arab Emirates ● (2)
- Uzbekistan ● (1)
- Vietnam ● (1)

LATIN AMERICA

- Argentina ● (26) ● (28)
- Brazil ● (20) ● (18)
- Chile ● (11) ● (17)
- Colombia ● (3)



- Cuba ● (1)
- El Salvador ● (1)
- Honduras ● (1)
- Mexico ● (14) ● (9)
- Peru ● (1) ● (16)
- Uruguay ● (6) ● (2)

PAN-EUROPE

- Armenia ● (5)
- Austria ● (1)

- Bosnia and Herzegovina ● (1)
- Cyprus ● (1)
- Czech Republic ● (2)
- Denmark ● (1)
- Finland ● (1)
- France ● (6) ● (3)
- Georgia ● (3) ● (1)
- Germany ● (7) ● (10)
- Greece ● (1)
- Hungary ● (1)

- Ireland ● (1) ● (13)
- Israel ● (1)
- Italy ● (5) ● (5)
- Netherlands ● (3)
- Norway ● (1)
- Poland ● (3) ● (1)
- Portugal ● (7) ● (1)
- Romania ● (2) ● (1)
- Russia ● (1) ● (3)
- Serbia ● (3)
- Slovenia ● (2)
- Spain ● (9) ● (3)
- Switzerland ● (2)

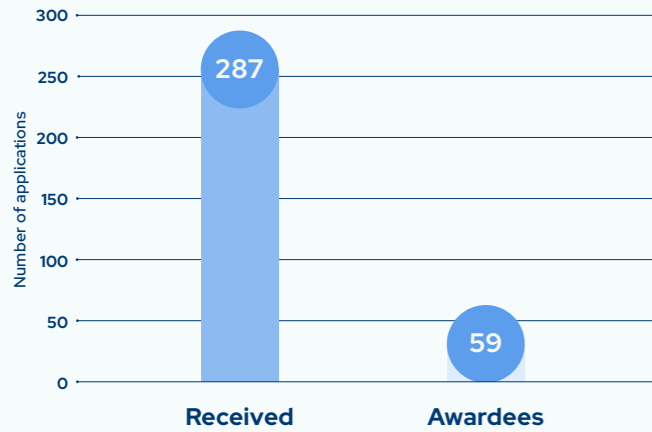
- Turkey ● (3) ● (1)
- Ukraine ● (1)
- United Kingdom ● (6) ● (17)
- US/CANADA**
- Canada ● (13) ● (6)
- United States of America ● (22) ● (9)

AFRICA Regional Committee

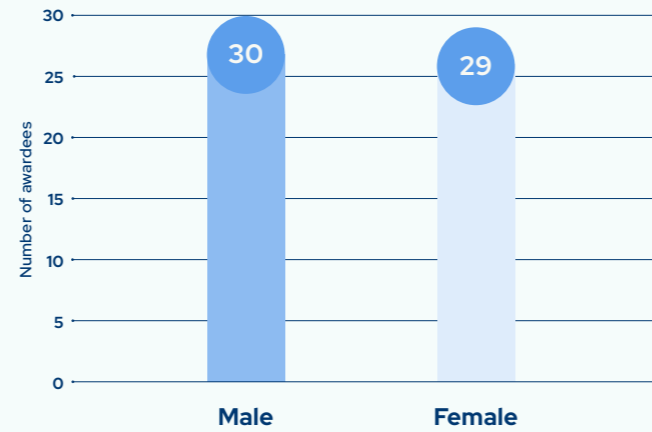
(ARC)

FUNDING

Applications processed



Awardee gender distribution

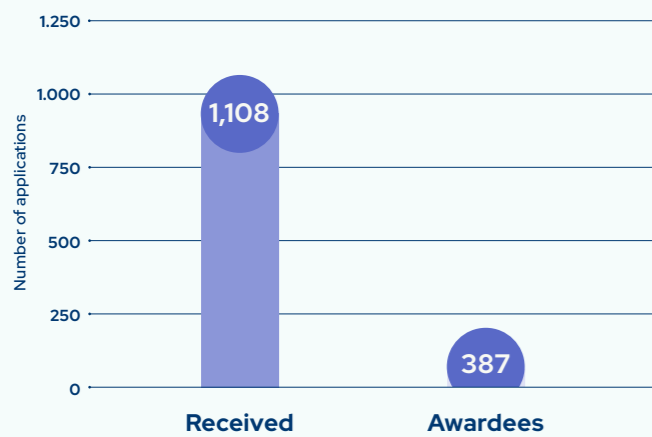


Geographical distribution of awardees

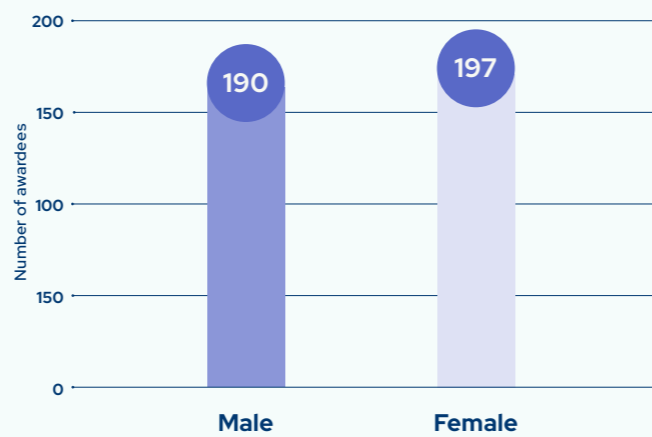
Burundi	Egypt	Kenya	Rwanda	Tunisia
Cameroon	Ethiopia	Morocco	Sierra Leone	Uganda
D.R. Congo	Ghana	Nigeria	South Africa	Zambia
				Zimbabwe

SCHOOLS AND TRAINING

Applications processed



Awardee gender distribution



Geographical distribution of the schools organized in the region

Burkina Faso	Egypt (2)	Mali (2)	Nigeria	Tunisia
D.R. Congo (2)	Kenya (3)	Morocco	South Africa (2)	

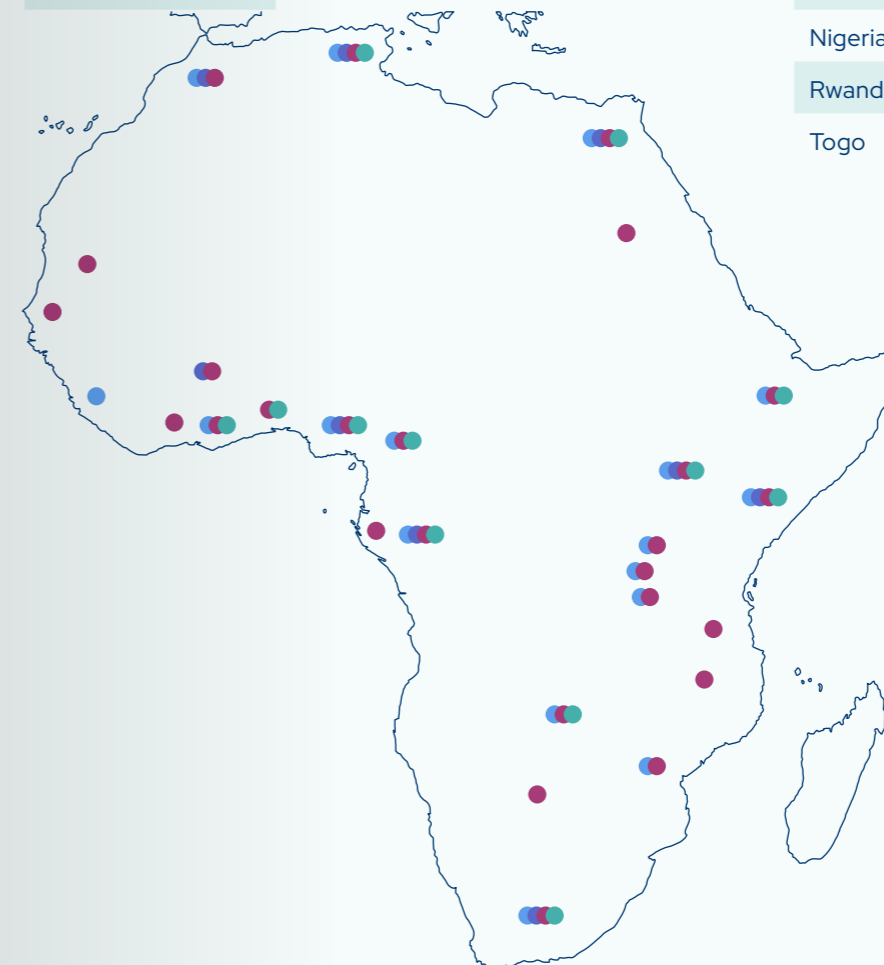
Geographical distribution of school attendees

Botswana	D.R. Congo	Kenya	Rwanda	Togo
Burkina Faso	Egypt	Malawi	Senegal	Tunisia
Burundi	Ethiopia	Mauritania	South Africa	Uganda
Cameroon	Gabon	Morocco	Sudan	Zambia
Côte d'Ivoire	Ghana	Nigeria	Tanzania	Zimbabwe

EVENTS

All funded events in Africa

Diversity Grants	Meeting Support	Conference Sponsorships	Brain Awareness Week	Global Engagement
D.R. Congo	Nigeria	Cameroon	Cameroon	Cameroon
Egypt	Zambia	Nigeria	Egypt	Kenya
Nigeria			Ethiopia	Zambia
South Africa			Ghana	
Tunisia			Kenya	
			Nigeria	
			Rwanda	
			Togo	



Message from the IBRO-ARC Chair



Desire Tshala-Katumbay, PhD, ARC Chair

In 2022, the IBRO Africa Regional Committee (ARC) maintained its post-pandemic momentum, with exciting activities taking place in all regions of Africa. In total, we were able to fund 59 awardees from 16 countries. More than 1,100 applications were received to attend one of the 15 Schools and Workshops that covered a wide range of topics: neurodegenerative diseases, teaching tools applied to neuroscience, drug addiction, neurogenetics and computational neuroscience. In addition to this, IBRO-ARC

was proud to support the first training for postdoctoral researchers in neuroscience in the Democratic Republic of the Congo (DRC). The initiative was well received by the participants, who praised the short- and long-term benefits of the workshop for their career development, including an improvement to their proposal writing skills, networking, and collaborative networks. ARC has also developed metrics of the activities it funds, which will be used for annual reviews and evaluations of all ARC-funded events starting in 2023.

2022 committee members

Desiré Tshala-Katumbay (Chair, 2019–2024)
Democratic Republic of Congo

Amira Zaky (2016–2023)
Egypt

Athanase Millogo (2021–2023)
Burkina Faso

Bambidele Victor Owoyele (2021–2023)
Nigeria

Esperance Kashala-Abotnes (2021–2023)
Democratic Republic of Congo

Khalid El Allali (2022–2024)
Morocco

Mohamed Salama (2022)
Egypt

Rachael Dangarembizi (2022–2024)
South Africa

Samia Ben Sassi (2022)
Tunisia

Thomas Tagoe (2019–2024)
Ghana

“It was an amazing and enlightening experience. I gained valuable insights which will highly impact my career and research. I will surely build on the exposure to improve my research capabilities through networking and collaborating with fellow participants and faculty.”

Participant in the School of Neurogenetics and Survival Skills for Young Neuroscientists, Nigeria

About IBRO-ARC

The IBRO Africa Regional Committee is composed of elected voluntary members and focuses on supporting and promoting neuroscience in the African region, taking into account the region’s specific needs.

Among the committee’s responsibilities, it develops and proposes the annual budget for IBRO’s activities in the African region and works closely with the Society of Neuroscientists of Africa ([SONA](#)) and other local societies to promote brain research and awareness in the region.



ARC School of Basic and Clinical Neurosciences. © Kone

2022 News and Activities

A total of 15 Schools and Workshops took place across nine countries in Africa (Burkina Faso, Democratic Republic of Congo (DRC), Egypt, Kenya, Mali, Morocco, Nigeria, South Africa, and Tunisia) in 2022. School themes covered a wide variety of topics, including translational neuroscience of drug addiction, the impact of lifestyle modification on the neurodegenerative disorders Parkinson’s and Alzheimer’s disease, challenges in managing epilepsy in sub-Saharan Africa, EEG training, computational neuroscience and more. By the end of the year, the ARC had received 1108 applications to attend IBRO Schools, with 387 students selected to attend (190 male and 197 female).

A further 21 IBRO-funded events took place in 12 African countries, including those promoting regional and gender diversity in neuroscience (DRC, Egypt, Nigeria, South Africa, and Tunisia). Such events included the Nigerian Brain Bee, a computational neuroscience summer school aimed at increasing representation of Arab students, and additional workshops targeting the recruitment, training, and intra-regional networking of African women in neuroscience.



IBRO-Simons Computational Neuroscience Imbizo. © Joseph Raimondo

“The best achievement of the IBRO-Simons Computational Neuroscience Imbizo over the past five courses is that our student body has formed a cohesive, tight-knit group that transcended race, gender, and national boundaries. We have seen first-hand that they have and will continue to provide support, networking and scientific advice to each other for many years to come.”

—
Joseph Raimondo, PhD, School organizer,
 IBRO-Simons Computational Neuroscience Imbizo,
 South Africa



Neuroscience School and Conference. © Ahmed El-Yazbi

“An important gain was the emphasis laid on the spectacular scientific work and contributions of female scientists in this field worldwide and particularly in Egypt and Africa. Another was highlighting the importance of studying gender differences in all aspects of biomedical sciences and particularly in the field of neurodegenerative disorders.”

—
Ahmed El Yazbi, PhD, School organizer,
 Neuroscience School and Conference 2022,
 Egypt

SCHOOLS AND TRAINING

Applications processed

Schools	Country	Received	Awardees	Male	Female
IBRO School of Basic and Clinical Neurosciences	Mali	82	8	4	4
School of Neurogenetics and Survival Skills for Young Neuroscientists	Nigeria	93	20	12	8
Advanced School on Translational Neuroscience of Drug Addiction	Morocco	70	20	10	10
Impact of Lifestyle Modification on Neurodegenerative Disorders from Preventive and Therapeutic Perspectives	Egypt	115	30	10	20
Parkinson’s disease: Providing clarity for continuous teaching and research from an African perspective	Kenya	56	13	6	7
Postdoctoral Knowledge and Skills to Sustain Neuroscience Capacity In Africa	DRC	14	10	6	4
Teaching Tools Workshop in Africa	Mali	75	16	9	7
Challenges in managing epilepsy in sub-Saharan Africa	Burkina Faso	54	9	4	5
Establishing EEG Training	DRC	23	17	13	4
TReND in Africa & IBRO Advanced Neuroscience	South Africa	166	13	5	8
Brain Ageing and Dementia in Low and Low Middle Income Countries (LMICs)	Kenya	103	89	47	42
Disentangling the Crosstalk Web Between Metabolic Dysfunction and Neurodegenerative Pathways on Alzheimer’s Disease	Egypt	123	51	20	31
School on Alzheimer’s disease and related disorders	Tunisia	63	40	19	21
NiH-Welcome Workshop on Grants and Policy	Kenya	40	20	12	8
IBRO-Simons Computational Neuroscience Imbizo	South Africa	31	31	13	18
Total		1108	387	190	197

Further support was provided to organizers of meetings and conferences in Cameroon, Nigeria, and Zambia working to build capacity and enhance research collaboration between researchers in Africa. Conference Sponsorships were awarded to the *Joint 3rd African Academy of Neurology - 3rd Cameroon Academy of Neurology Congress and Neuroscience as a Tool for Translational Research in Africa*. The grant provided early career researchers with travel grants and support for their registration in the meetings. The sponsorships were also used to cover speakers' travel expenses and poster awards for female attendees. Activities linked to the Global Engagement Initiative and the Brain Awareness Week campaign involved local organizers from nine different countries: Cameroon, Egypt, Ethiopia, Ghana, Kenya, Nigeria, Rwanda, Togo, and Zambia. These focused on increasing public awareness of neurodevelopmental and mental health disorders: anxiety, major depression, bipolar disorder, and dementia, as well as on events aimed at promoting networking and mentoring for young women.



Promoting capacity building for women in South Africa Young Neuroscientists, Nigeria
Lihle Qulu, PhD - IBRO Diversity Grant

Discrimination, insufficient support, and impostor syndrome are just some of the difficulties women may face in academia. In order to address these pervasive problems, Dr. Lihle Qulu found in the IBRO Diversity Grant the means to organize a capacity building event for female neuroscientists. The event provided women with training on grant applications and scientific writing, and ended with a mentoring circle. *"I wish more women in neuroscience [could] hold such events to remind others: you're doing okay, your problems are not unique, we're going through the same thing and let's come up with solutions,"* said Dr. Qulu. The successful event was attended by 20 female participants of all career stages based in South Africa.



IBRO Diversity Grant. © Lihle Qulu

ARC continued to support early-career researchers through its programs, providing 13 travel grants to neuroscientists from six countries: Cameroon, Egypt, Ghana, Nigeria, South Africa, and Uganda. Three Exchange Fellowships were awarded to early career researchers from Cameroon, Morocco and Tunisia, who were able to return to their home laboratories following their exchange period equipped with new skills and techniques garnered abroad. A further four scientists from Cameroon, Ghana, Nigeria, and South Africa received Early Career Awards in support of their chosen projects. Funds were used for a variety of items, including automated video tracking software, neurobehavioral test tools as well as consumables for phytochemical and biological investigations. Collaborative projects between African and European laboratories (Nigeria/UK, South Africa/Sweden) received grants to conduct joint studies on the potential therapeutic benefits of flavonoids and the antidepressant mechanism of action of ketamine.



Engaging Nigerian school students in neuroscience
Chinna Orish, PhD - IBRO Diversity Grant

IBRO Diversity Grants aim to promote regional diversity in neuroscience. Dr. Chinna Orish saw an opportunity to use the grant to support the Nigerian National Brain Bee, a competition promoted by the International Brain Bee (IBB), a project supported by IBRO that aims to engage and inspire school students to study and pursue careers in neuroscience. The grant enabled Dr. Orish to support the participation of 12 Nigerian school students, from six geopolitical regions in the country, in the competition in Ibadan. *"The competition was a success, the students were very engaged, and the parents were so happy! It was such an impactful moment,"* said Dr. Orish.



IBRO Diversity Grant. © Chinna Orish

FUNDING

Applications processed

Programs	Received	Awardees	Male	Female
IBRO/IBE-UNESCO Science of Learning Fellowships*	3	0	0	0
IBRO Parenthood Grants	2	1	0	1
IBRO Travel Grants (Jul-Dec 2022)	20	13	5	8
IBRO Travel Grants (Jan-Jun 2023)**	23	0	0	0
IBRO Diversity Grants	9	5	1	4
IBRO Meetings Support 2022	7	2	2	0
IBRO Conference Sponsorships 2022	2	2	2	0
IBRO Exchange Fellowships	26	3	1	2
IBRO Early Career Awards	26	4	2	2
IBRO Collaborative Research Grants	7	2	2	0
IBRO Annual Call for School Proposals 2023	33	7	4	3
Global Engagement Seed Grants 2023	24	3	2	1
IBRO Conference Sponsorships 2023	9	1	1	0
IBRO Meetings Support 2023	23	1	0	1
IBRO-Dana Brain Awareness Week Grants 2023	73	15	8	7
Total	287	59	30	29

*Competitive international grants program; 10% success rate across all regions. **ARC travel grant budget focused on IBRO World Congress

Looking ahead

In 2023, ARC will continue its efforts to make neuroscience more diverse and accessible in the African continent. A memorandum of understanding (MoU) will be sought with groups that show passion and dedication to the development of neuroscience in Africa, allowing submission of programs and/or recurrent activities that require a multiple-year funding. We also look forward to meeting the neuroscience community in July, at the SONA Neuroscience Congress,

IBRO Meetings Support. © Elvis Mbiydenyuy



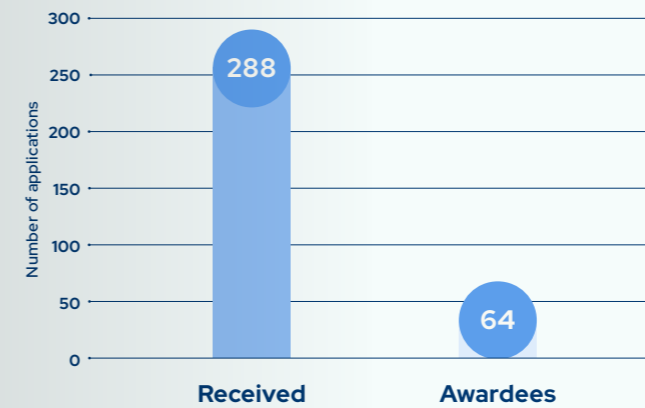
which will happen in Johannesburg, South Africa, as well as in September, at the IBRO 2023 World Congress, in Granada, Spain.

ASIA-PACIFIC Regional Committee

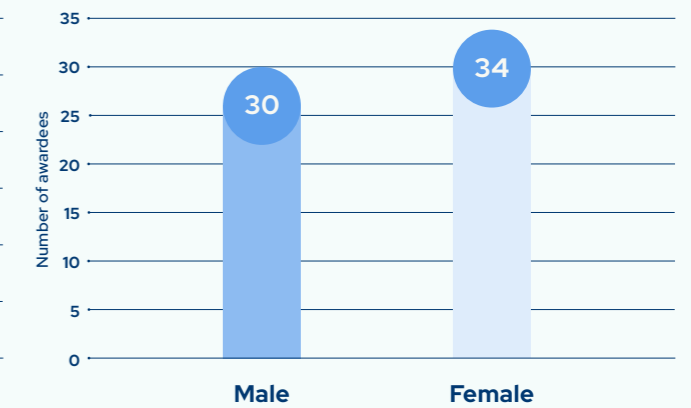
(APRC)

FUNDING

Applications processed



Awardee gender distribution

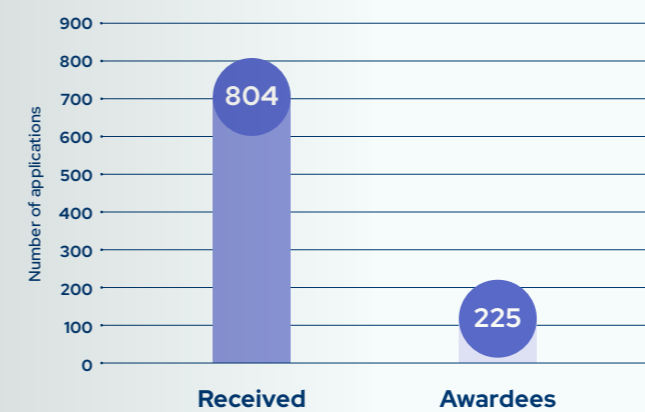


Geographical distribution of awardees

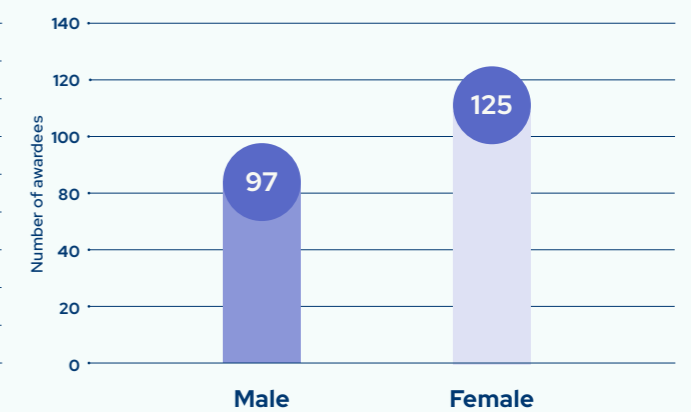
Afghanistan	India	Japan	Mongolia	Singapore	United Arab Emirates
Australia	Indonesia	Kyrgyzstan	Nepal	South Korea	Uzbekistan
Hong Kong	Iran	Malaysia	Pakistan	Thailand	Vietnam

SCHOOLS AND TRAINING

Applications processed



Awardee gender distribution*



* not all gender data can be reported based on applicants' request for privacy.

Geographical distribution of the schools organized in the region

China (2)	India (3)	Japan	Malaysia	Mongolia
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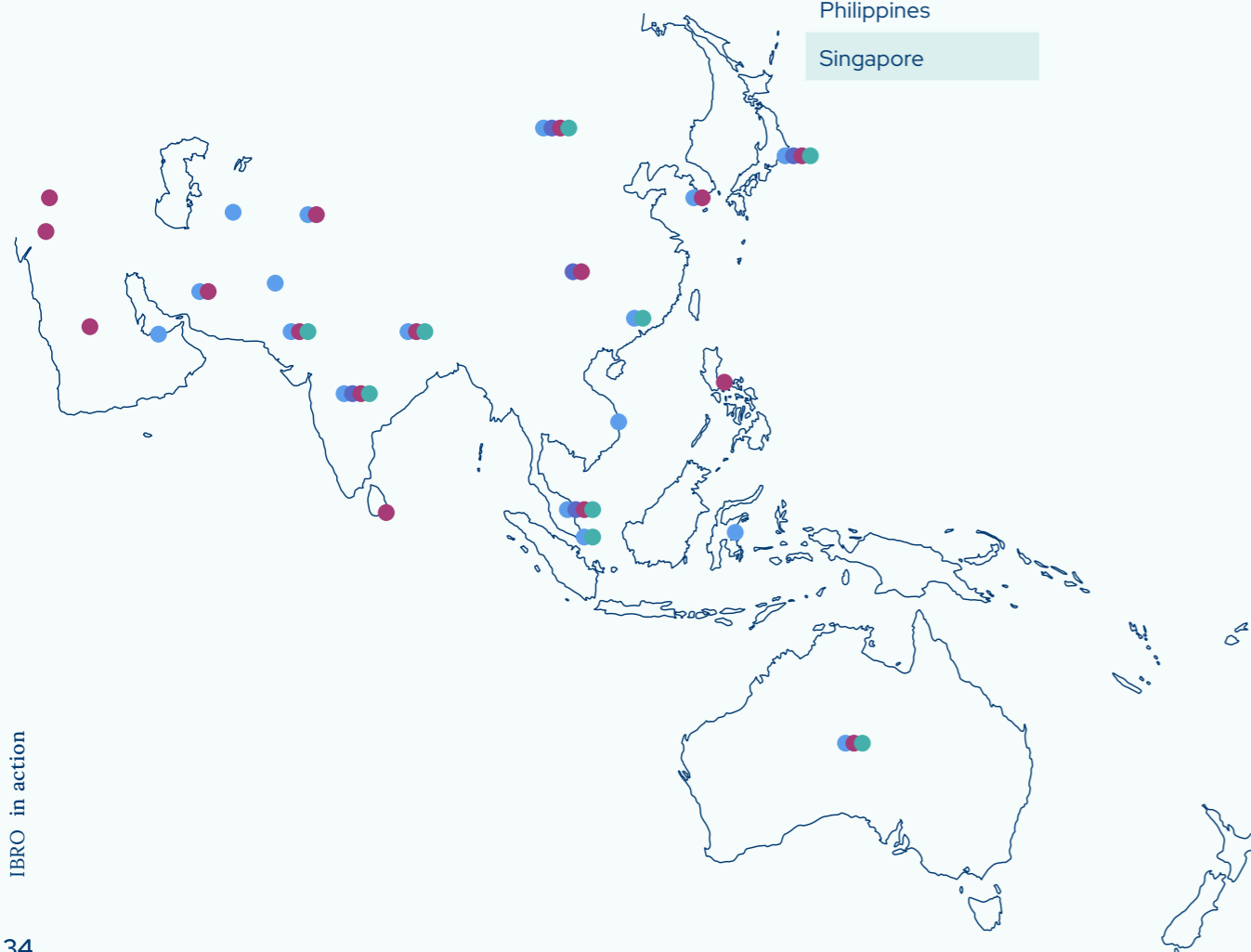
● Geographical distribution of school attendees

Australia	Iran	Kyrgyzstan	Mongolia	Saudi Arabia
China	Japan	Lebanon	Nepal	South Korea
India	Jordan	Malaysia	Pakistan	Sri Lanka

EVENTS

● All funded events in Asia-Pacific

Diversity Grants	Meeting Support	Conference Sponsorships	Brain Awareness Week	Global Engagement
Japan	India	Hong Kong	Australia	India
		Mongolia	Hong Kong	Malaysia
			India (3)	Nepal
			Nepal	
			Pakistan	
			Philippines	
			Singapore	



Message from the IBRO-APRC Chair



Pike-See Cheah, PhD, IBRO-APRC Chair

In 2022, the IBRO Asia-Pacific Regional Committee (APRC) continued its efforts to provide expansive funding opportunities and support to shape the future direction of neuroscience in the Asia-Pacific region. It successfully supported one Advanced Neuroscience School, in Malaysia, five Associate Neuroscience Schools, in China, India, and Mongolia and various scientific meetings, which in total benefited thousands of graduates, postdocs, and faculty members. These programs aimed to foster engagement and establish collaboration among regional and international neuroscience societies and industrial partners. Consequently, the committee created an awareness of research priorities and allowed researchers to identify synergies across the initiatives. APRC also hosted the 2nd IBRO Global Neuroscience Horizons Webinar, involving five eminent speakers who have made field-leading contributions in translational neuroscience and novel therapeutics for neurodegenerative diseases, with the participation of scientists from 50 countries.

Excitingly, APRC also funded nine events under the Brain Awareness Week grant to celebrate the spirit of the week across seven countries: Afghanistan, Australia, India, Indonesia, Malaysia, Nepal, Pakistan, and

United Arab Emirates. This global campaign has successfully fostered public enthusiasm and increased public awareness of progress in brain science. In 2022, three proposals, from the Asia-Pacific region, were funded by Global Engagement Seed Grants. Above & Beyond Education is one of the selected proposals that have provided educational opportunities to thousands of parents and children at more than 150 rural and remote, isolated Australian locations. In collaboration with *IBRO Neuroscience Reports*, APRC has launched the Mini-Series for IBRO Alumni from Asia-Pacific, to feature outstanding research works conducted by an enthusiastic team of APRC alumni.



Bioimaging and Proteogenomics for Cell-Based and Animal Research. © Ishwar Parhar

2022 committee members

Pike-See Cheah (2017-2020; Chair, 2021-2023)
Malaysia

Karem Alzoubi (2022)
Jordan

Abbas Haghparast (2022-2024)
Iran

Mohammad Herzallah (2022)
Palestine

Aurnab Ghose (2019-2024)
India

Seungbok Lee (2022-2024)
South Korea

Battuvshin Lkhagvasuren (2019-2024)
Mongolia

Tadashi Isa (2017-2023)
Japan

Bronwyn Kivell (2021-2023)
New Zealand

Yukiko Goda (2021-2023)
Japan

About IBRO-APRC

The IBRO Asia-Pacific Regional Committee (APRC) is composed of elected voluntary members devoted to supporting and promoting neuroscience in the Asia-Pacific region, taking into consideration regional demands and

needs. The committee is responsible for developing and proposing the annual budget for IBRO’s activities in the Asia-Pacific region and works closely with the Federation of Asian-Oceanian Neuroscience Societies (FAONS) and other local societies to promote brain research and awareness in the region.



Associate school on advanced neuroscience technology. © Zhiqiang Meng

2022 News and Activities

The Asia-Pacific region hosted eight schools across five countries in 2022: China, India, Japan, Malaysia, and Mongolia. Over 800 applications were submitted, with 225 students (97 male, 125 female, 3 gender non-disclosed) receiving training in person, online, or hybrid. The APRC funded a diverse portfolio of

schools on themes such as advances in nanoneurotherapeutics and neurological disorders, the neuroprotective potential of medicinal plants and phytochemicals in neurodegenerative disorders. There were also schools on bioimaging and proteogenomics for cell-based and animal research and recent advances in science and technology related to non-human primate research.

“I enjoyed the discussion and brainstorming sessions we had, especially receiving feedback from people that are more experienced in the field. People in the lab gave good guidance in designing the experiment and analyzing the results, especially in modelling and data fitting. Although it was not in person, the overall experience was still nice, as ideas could still be clearly exchanged over video calls.”

Participant of the RIKEN-CBS Summer School, Japan.

SCHOOLS AND TRAINING

Applications processed

Schools	Country	Received	Awardees	Male	Female
Advances in Nanoneurotherapeutics and Neurological Disorders	India	48	35	15	20
Ulaanbaatar Associate School on Brain-Related Disorders	Mongolia	96	20	6	14
Neuroprotective Potential of Medicinal Plants and Phytochemicals in Neurodegenerative Disorders	India	61	30	13	17
Associate School on Advanced Neuroscience Technology	China	103	16	8	8
Understanding Pathophysiology of Pain and Cognition Using Animal Experiments	India	80	27	10	17
Bioimaging and Proteogenomics for Cell-Based and Animal Research	Malaysia	93	14	7	7
IBRO-RIKEN CBS Summer Program 2022	Japan	201	39	20	19
IBRO-ICPBR Summer School on Primate Neurobiology	China	122	44*	18	23
Total		804	225	97	125

*3 participants declined to indicate their gender



IBRO Meetings Support. Techniques in Molecular Neuroscience.
© Johnson Retnaraj Samuel Selvan Christyra.

Diversity Grant funds were put to good use by the Japan Neuroscience Society (JNS), which established an on-site nursery to support attendees to NEURO 2022: Joint Annual Meeting of Japan Neuroscience Society, Japanese Society for Neurochemistry and Japanese Neural Network Society. Grantees from India, Malaysia, and Nepal implemented outreach activities as part of the Global Engagement Initiative, using seed grants to highlight lifestyle choices significantly impacting brain health, raise dementia awareness and discuss the epidemiology, diagnosis and prevention of neurodevelopmental disorders. Seven countries in the region: Australia, Hong Kong, India, Nepal, Pakistan, Philippines, and Singapore participated in Brain Awareness Week, hosting nine separate activities aimed at raising mental health awareness in young children and adolescents, early awareness and prevention of brain related disease and injury and brain-based holistic approaches to teaching, learning, and wellbeing, among others.

Five meetings and conferences in the region were recipients of Meetings Support and Conference Sponsorship funding (India, Mongolia and Hong Kong). The joint 2nd Asia-Pacific Neuroscience Student Congress and Hong Kong Student Association of Neuroscience 3rd Annual Conference also received APRC support, in addition to the 9th Annual Meeting of the Mongolian Neuroscience Society (MNS), which included an IBRO sponsored Central Asian Symposium for Neuroscience.

Fostering scientific exchange in India

Manjula Suri, PhD - IBRO Meetings Support

The IBRO-APRC Two Day International Virtual Symposium - Recent Trends

in Brain Research: Unlocking the Mysteries took place in March 2022 in Delhi, India.

The purpose of the event, attended by 236 attendees, was to bring together researchers and students to share recent advances in the field of neurophysiology. Dr. Manjula Suri commented on the feedback received: *"It motivated us to further pursue the scientific endeavour of sharing the latest brain research with students, scientists and faculty, especially in the Asia-Pacific region. We would like to thank IBRO-APRC for sponsoring this symposium,"* said Dr. Suri.

Facilitating parents' attendance at a scientific meeting in Japan

Kenji Doya, PhD - IBRO Diversity Grants

NEURO2022 was the first Japan Neuroscience Society annual meeting to be held in Okinawa, a southern island of Japan. The hybrid conference attracted about 3300 participants, with more than 2000 attending on-site. To increase the attendance of female neuroscientists with children, Dr. Kenji Doya used an IBRO Diversity Grant to provide a nursery throughout the meeting: *"The participation of female researchers remains a big issue in Japanese science, including neuroscience and brain-inspired computing. [...] We utilized the IBRO Diversity Grant to set up a nursery to support young researchers with children. The nursery was used by 34 families over a four-day period during the meeting. The nursery has promoted the participation of young female researchers with children, and we will continue to set it up in the future,"* commented Dr. Doya.

Seventeen researchers from the region received Travel Grants to attend international meetings and conferences. Grantees from India, Iran, Malaysia, and Thailand were able to enhance their laboratory skills by participating in goal-directed laboratory exchanges to other Asia-Pacific countries under the auspices of the Exchange Fellowships program. Specific projects run by early career principal investigators in Malaysia and Pakistan benefited from Early Career Awards, funding publication fees, as well as the purchase of chemicals, reagents, consumables and CO₂ incubators for cell culture as well as EEG and TMS equipment. Emerging laboratories in India received Collaborative Research Grants to work on joint projects with established laboratories in Europe and the United States. As part of the new Rising Stars Award program, two principal investigators in Malaysia and Pakistan received start-up laboratory funding to support studies involving the role of viral infection in CNS injuries and neurological disorders and the role of natural products and their active components in the treatment of Alzheimer's disease.



IBRO Diversity Grant. © Kenji Doya.



“We have now established a collaboration that will continue into the future. We will aim to take advantage of future opportunities for grant applications and research exchanges to further this collaboration.”

—
Jamie O'Reilly, PhD, IBRO Exchange Fellowship, from Thailand to Australia

FUNDING

Applications processed

Programs	Received	Awardees	Male	Female
IBRO/IBE-UNESCO Science of Learning Fellowships*	7	0	0	0
IBRO Parenthood Grants (round 1)	2	1	0	1
IBRO Parenthood Grants (round 2)	2	1	0	1
IBRO Travel Grants (Jul-Dec 2022)	30	12	6	6
IBRO Travel Grants (Jan-Jun 2023)	50	5	0	5
IBRO Diversity Grants	7	1	1	0
IBRO Meetings Support 2022	10	3	2	1
IBRO Conference Sponsorships 2022	8	2	1	1
IBRO Exchange Fellowships	7	5	3	2
IBRO Early Career Awards	36	3	1	2
IBRO Collaborative Research Grants	5	2	1	1
IBRO Annual Call for School Proposals 2023	21	6	4	2
Global Engagement Seed Grants 2023	16	2	1	1
IBRO Conference Sponsorships 2023	6	2	0	2
IBRO Meetings Support 2023	11	3	2	1
IBRO-Dana Brain Awareness Week Grants 2023	54	14	7	7
IBRO Rising Stars Awards 2023	16	2	1	1
Total	288	64	30	34

*Competitive international grants program; 10% success rate across all regions.

“Through these conferences and workshops, not only do we train the students in various skills of molecular biology, but we also arrange for counselling sessions to make people aware of the harmful effects of reckless consanguinity. Furthermore, endeavours like these also catch the eye of administrative officers and make them aware about the need to allocate more budget to academics, research and medical health of these regions.”

—
Raja Amir Hassan Kuchay PhD, IBRO Meetings Support - Molecular Advances in Neurodevelopmental Disorders: From Lab to Clinic, India



Kuchay, PhD, IBRO Meetings Support - Molecular Advances in Neurodevelopmental Disorders: From Lab to Clinic, India

Looking ahead

In 2023, APRC will intensify promotional activities across the Asia-Pacific region to leverage the participation of the neuroscience community at the IBRO

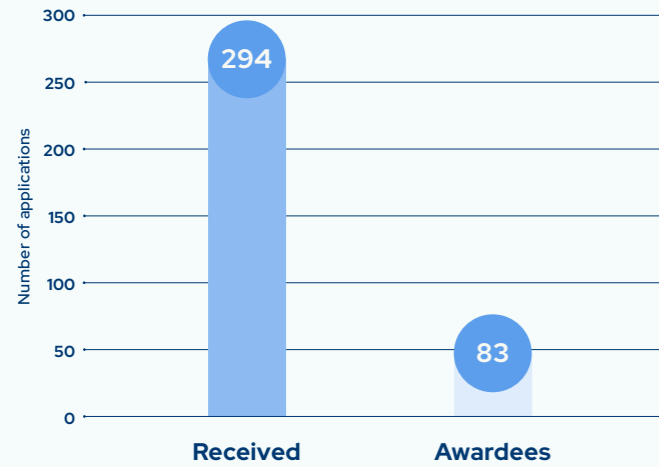
2023 World Congress, in Granada. In coming years, APRC is committed to advocating and upholding the scientific spirit in order to achieve excellence in neuroscience within the Asia-Pacific region.

LATIN AMERICA Regional Committee

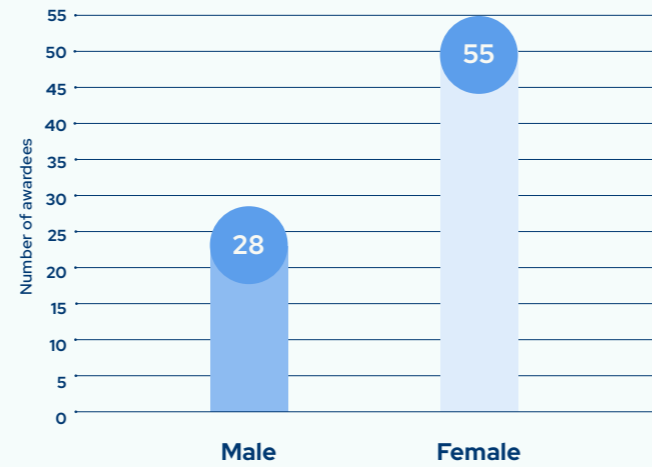
(LARC)

FUNDING

Applications processed



Awardee gender distribution

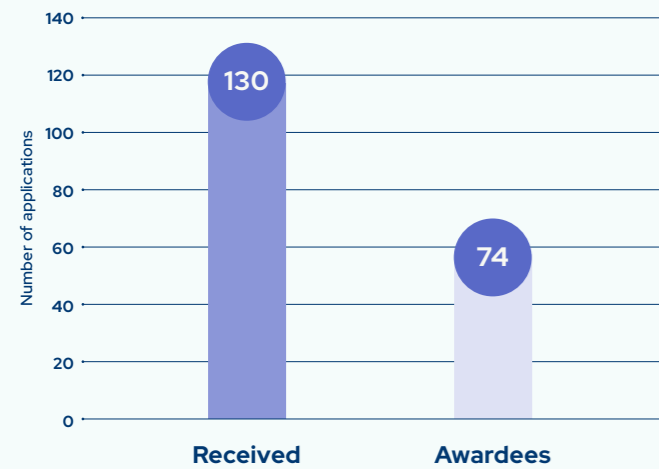


● Geographical distribution of awardees

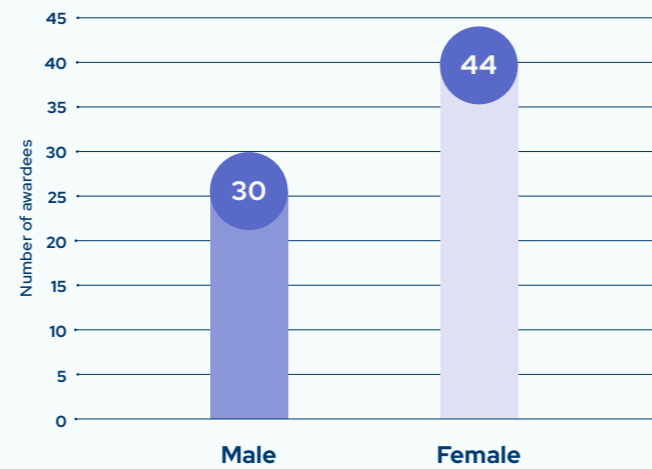
Argentina	Chile	Cuba	Honduras	Peru
Brazil	Colombia	El Salvador	Mexico	Uruguay

SCHOOLS AND TRAINING

Applications processed



Awardee gender distribution



● Geographical distribution of the schools organized in the region

Argentina	Chile	Mexico	Peru
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● Geographical distribution of school attendees

Argentina	Brazil	Chile
Mexico	Peru	Uruguay

EVENTS

● All funded events in Latin America

Diversity Grants	Meeting Support	Conference Sponsorships	Brain Awareness Week	Global Engagement
Argentina (2)	Argentina	Mexico	Argentina	Brazil
Honduras	Mexico	Uruguay	Brazil (3)	Colombia
Uruguay			Chile	Uruguay
			Colombia	
			El Salvador	
			Mexico (3)	

Latin American Training Program

Uruguay



Message from the IBRO-LARC Chair



Adrian Palacios, PhD, IBRO-LARC Chair

The year 2022 has marked the return of face-to-face activities, manifested by an increase in applications and execution of the various instruments of IBRO's Latin America Regional Committee (LARC), including mobility, collaboration, organization of events and exciting new projects for the region.

We have continued the programming of joint activities with the Federation of Latin American and Caribbean Neurosciences (FALAN) and also with other IBRO Regional Committees, seeking greater North-South but also South-South integration, especially

with communities that share with us the challenges in the growth and dissemination of the importance of brain sciences for the development of a better and fairer society.

A milestone that marked 2022 was the realization of the FALAN Congress in Belém, Brazil, for which we were able to provide funding for seminars, workshops and costs related to the travel and accommodation of students. We also supported the Congress through joint meetings, where we were able to discover firsthand the opinions and suggestions from the different IBRO member organizations.



LARC-LATP 2022. © Raúl Russo

2022 committee members

Adrian Palacios
(2017-2020; Chair, 2020-2023)
Chile

Ana Silva (2021-2023)
Uruguay

Carolina Escobar-Briones (2021-2023)
Mexico

Elaine Del-Bel (2021-2023)
Brazil

Gabrielle Britton (2021-2023)
Panama

George E. Barreto (2022-2024)
Colombia

Gustavo Murer (2017-2023)
Argentina

María Julia Cambiasso (2022-2024)
Argentina

Furthermore, as LARC, we have agreed to work together to design and implement a permanent Training School in the region. With this in mind, we expect to establish the basis for a longer-term collaboration to train researchers, based on similar school formats from other continents. Being aware of social and economic inequalities in our region, we have striven to extend the geographical reach of our calls, based on IBRO's principles of inclusiveness and equity.

About IBRO-LARC

The IBRO Latin America Regional Committee is composed of elected voluntary members dedicated to advancing neuroscience research and education in the Latin American region, in light of regional needs and conditions. Among the committee's specific activities, it is responsible for developing and proposing the annual budget for IBRO's activities in the Latin American region. It works closely with the Federation of Lat-

in American and Caribbean Neuroscience Societies (FALAN) and other local societies to promote brain research and awareness in the region.

2022 News and Activities

In 2022, four Latin American countries hosted schools in the region, in Argentina, Chile, Mexico, and Peru, supporting the attendance of 74 participants from six countries. Attendees (30 male and 44 female) were exposed to a variety of lectures and hands-on training opportunities in various topics, from behavioural phenotyping of mouse models of psychiatric disorders, to organoids as preclinical models for neurodegenerative diseases and more. Further training was provided via the Latin American Training Program (LATP), which took place in Uruguay and allowed participants to work alongside experts in the field and receive training on topics vital for professional development.

SCHOOLS AND TRAINING

Applications processed

Schools	Country	Received	Awardees	Male	Female
Organoids as Preclinical Models for Neurodegenerative Diseases	Chile	19	19	4	15
Neurotransmitter Transporters	Mexico	10	10	5	5
Peruvian School for Research in Neuroscience	Peru	70	21	11	10
Behavioural Phenotyping of Mouse Models of Psychiatric Disorders	Argentina	31	24	10	14
Total		130	74	30	44

“Organizing the school has given us an excellent opportunity to publicize our laboratory and facilities in Cuzco, the first of their kind in Peru, and attract local and international students to train with us and work on projects with interdisciplinary researchers in the field of neuroscience. Until two years ago, this possibility was scarce or non-existent in Peru.”

Luis Pacheco, PhD, School Organizer, IBRO-LARC Peruvian School for Research in Neuroscience, Peru



Peruvian School for Research in Neuroscience. © Luis Pacheco

The 3rd FALAN Congress and the XLIII Congress of the Brazilian Society for Neuroscience and Behavior (SBNeC) took place in Brazil in September 2022. LARC provided strong support to the Congress in the form of travel grants (54 awardees) and symposia support (20 selected symposia).

Meeting Support funds facilitated the attendance of 16 students from low/middle-income countries to attend meetings on emerging concepts, such as organoids and single-cell sequencing in Chile and Mexico. Conference Sponsorships supported the 6th International Symposium of Advanced Topics in Exercise Physiology (Mexico) and a dedicated IBRO Return Home

Symposium in Uruguay, part of the bi-annual meeting of the Sociedad de Neurociencias del Uruguay (SNU). Diversity Grants supported four events taking place across the region including a female-driven workshop on autism research in Honduras and a workshop featuring speakers from the ALBA Network on creating a Code of Conduct for Scientific Meetings in Uruguay. In Argentina, two symposia on evidence-based gender perspectives in Latin America aimed at facilitating the discussion about the need to overcome gender discrimination, by proposing solutions such as the inclusion of gender analysis in experimental design and the implementation of efficient public policies.



IBRO Conference Sponsorship. © Flavio Zolessi

Promoting local scientific advancement in Uruguay

Flavio Zolessi, PhD - IBRO Conference Sponsorship

The IBRO Return Home Symposium was held in Montevideo, Uruguay, in October 2022. During the event, six Uruguayan neuroscientists, who had returned to their home country after a stay abroad, presented their research and shared their personal

experiences of living in another country. *“We sought to gather scientists who have two things in common, such as, they have pursued their careers abroad at the doctoral and/or postdoctoral levels; and they have a strong motivation to return to Uruguay to consolidate their careers. As expected, the IBRO Return Home Symposium was a challenging scientific experience that inspired young Uruguayan scientists and helped them in the planning of their own scientific careers,”* said Dr. Flavio Zolessi, the conference organizer.

Seed grants provided as part of the Global Engagement Initiative aimed to emphasize the importance of public policies based on neuroscientific findings (Brazil, Colombia, and Uruguay). The event, Science Diplomacy Applied to Neurosciences for the Global South, covered the intersection of neuroscience and diplomacy, including governance, geopolitics, regulatory

and legal frameworks, social impact, neurorights, technological convergence and transnational implications of brain research and neurotechnologies. Ten projects across six countries also received funding in association with Brain Awareness Week, highlighting drug abuse, post-COVID-19 health challenges and the social determinants of brain health.

“It was a week of knowledge, happiness, and interaction.

The activities with children revealed to us the importance of investment in this area.”

—
Andrea Quesada, PhD, Global Engagement Seed Grant, Brazil

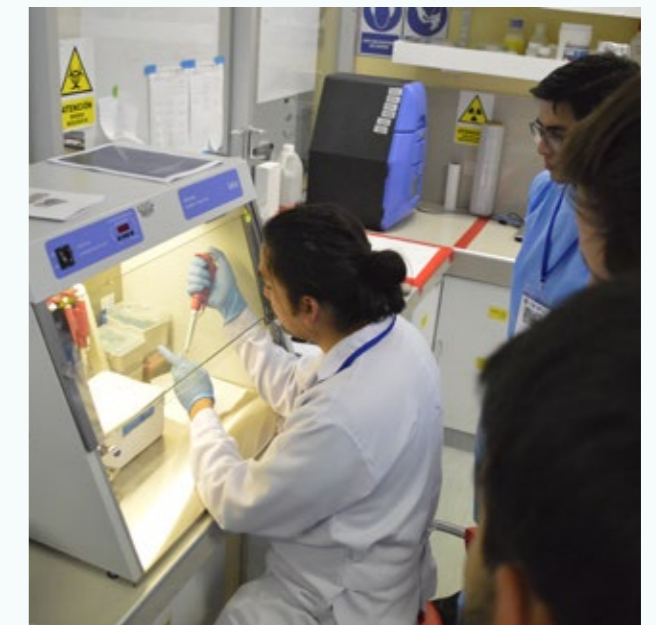


Global Engagement Seed Grant. © Andrea Quesada

Thirteen early career researchers from five countries received Travel Grants to attend various international conferences and meetings with an additional five fellows from Brazil, Uruguay, and Argentina selected to execute research projects in Spain, Sweden and the USA. In continuation of early career support, six Early Career Awards supported ongoing projects in Latin American laboratories, enabling the purchase of equipment and consumables, while five emerging laboratories from Colombia, Argentina, Chile and Brazil engaged in funded collaborative projects with established laboratories within the region and abroad.

LARC also emphasized the importance of supporting established investigators. In collaboration with UNESCO’s International Bureau of Education (IBE), a Science of Learning Fellowship was awarded to an Argentinian professor who evaluates the impact of early cognitive interventions

on the educational outcomes of preschool children from underprivileged backgrounds in Latin America. The first Latin American recipient of the new Rising Star Award program also received funding to return home to Chile and establish her own working laboratory.



Peruvian School for Research in Neuroscience. © Luis Pacheco



Furthering Global Education

Julia Hermida, PhD, IBRO/IBE-UNESCO Science of Learning Fellowship, Argentina

Dr. Julia Hermida has been in close contact with school teachers since the beginning of her career, applying cognitive insights aimed at maximizing the learning process and improving education. After several successful practitioner collaborations, she reached the conclusion that to achieve a broader, long-term impact on education, other parties, such as policymakers and governments, need to be engaged in the discussion. IBRO/IBE-UNESCO Science of Learning Fellowships have been supporting scientists like Dr. Hermida since 2016. *“The experience renewed my motivation! It gave me ideas to improve my interventions but also made me see the strengths and weaknesses of my work. I also met like-minded people, who were aware of the inequalities in the world and were willing to propose an inclusive framework for education that respected the experience of educators and incorporated insights from neuroscience,”* said Dr. Hermida.

FUNDING

Applications processed

Programs	Received	Awardees	Male	Female
IBRO/IBE-UNESCO Science of Learning Fellowships*	6	1	0	1
IBRO Parenthood Grants (round 1)	1	1	0	1
IBRO Parenthood Grants (round 2)	1	1	0	1
IBRO Travel Grants (Jul-Dec 2022)	51	13	6	7
IBRO Travel Grants (Jan-Jun 2023)	33	8	0	8
IBRO Diversity Grants	5	4	1	3
IBRO Meetings Support 2022	4	2	2	0
IBRO Conference Sponsorships 2022	4	2	2	0
IBRO Exchange Fellowships	41	5	2	3
IBRO Early Career Awards	31	11	3	8
IBRO Collaborative Research Grants	21	5	3	2
IBRO Annual Call for School Proposals 2023	3	2	2	0
Global Engagement Seed Grants 2023	7	2	0	2
IBRO Conference Sponsorships 2023	4	4	2	2
IBRO Meetings Support 2023	11	6	2	4
IBRO-Dana Brain Awareness Week Grants 2023	49	15	3	12
IBRO Rising Stars Awards 2023	22	1	0	1
Total	294	83	28	55

*Competitive international grants program; 10% success rate across all regions.

“The IV Neurobiology Meeting of the Mexican Society for Biochemistry also included a round table session entitled ‘Having a beer with the speakers,’ in which each of the keynote and plenary speakers met at a discussion table with 10 students. Thus, the students had the opportunity to chat with the internationally renowned guests in a more relaxed atmosphere about their academic career up close or to establish short-stays, as well as postgraduate or postdoctoral visits in their laboratories. Without a doubt, all these activities contributed to the academic training of future Mexican scientists.”

Ivan Velasco, PhD, IBRO Meeting Support. IV Neurobiology Meeting of the Mexican Society for Biochemistry and pre-meeting course Organoids and Single-Cell Sequencing in Neuroscience, Mexico



IBRO Meetings Support. © Ivan Velasco

Looking ahead

Our regional strategy for the future is to continue reinforcing and establishing new partnerships with neuroscience regional institutions, foster collaboration between laboratories and support early career researchers,

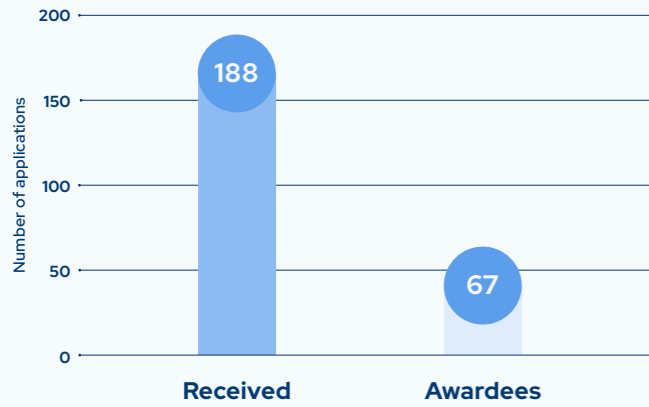
as well as enabling mobility with a gender and equity perspective. We expect that our region, in partnership with the other IBRO Regional Committees, can aim for a better impact on the training of researchers and the development of frontier science, which will impact the progress of our society.

PAN-EUROPE Regional Committee

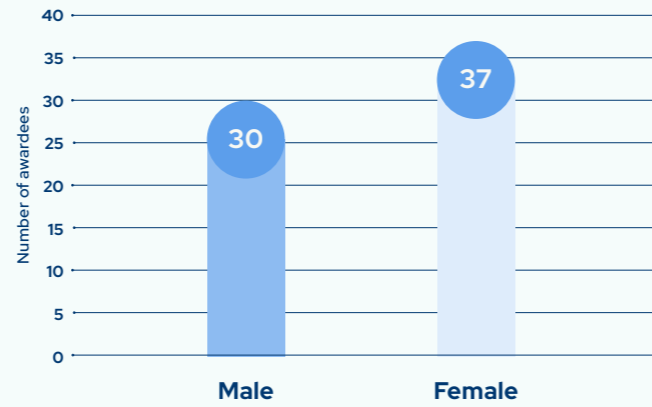
(PERC)

FUNDING

Applications processed



Awardee gender distribution

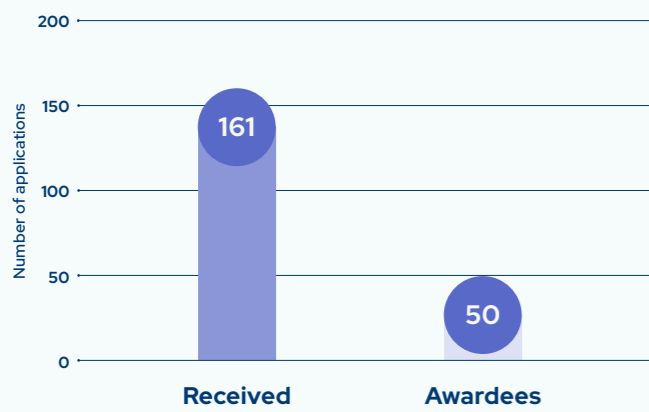


Geographical distribution of awardees

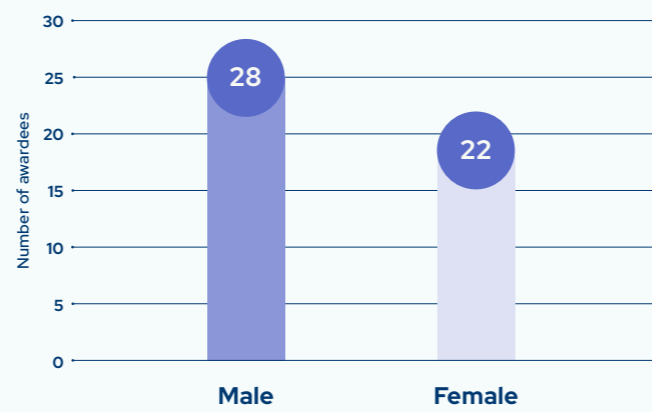
Bosnia and Herzegovina	France	Ireland	Portugal	Serbia	Switzerland
Cyprus	Georgia	Italy	Romania	Slovenia	Turkey
Czech Repuzblc	Germany	Norway	Russia	Spain	United Kingdom
Finland	Hungary	Poland			

SCHOOLS AND TRAINING

Applications processed



Awardee gender distribution



Geographical distribution of the schools organized in the region

Northern Ireland	Romania
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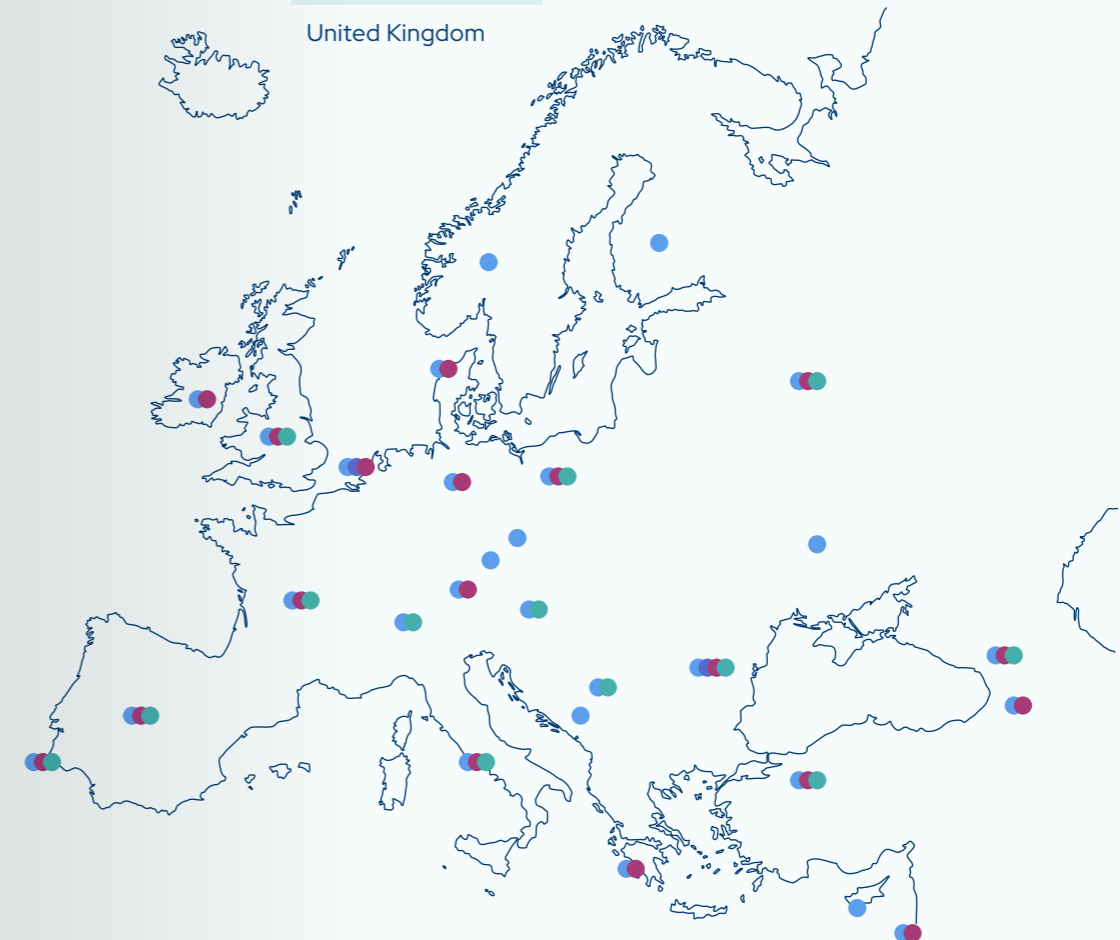
Geographical distribution of school attendees

Armenia	Georgia	Israel	Portugal	Turkey
Austria	Germany	Italy	Romania	Ukraine
Denmark	Greece	Netherlands	Russia	United Kingdom
France	Ireland	Poland	Spain	

EVENTS

All funded events in Pan-Europe

Diversity Grants	Meeting Support	Conference Sponsorships	Soft Skills Training	Global Engagement
Georgia	Hungary	France	Georgia	Italy
Switzerland	Italy	Poland	Romania	Portugal
United Kingdom	Poland	Portugal	Turkey	United Kingdom
	Russia	Spain	United Kingdom	
	Serbia	United Kingdom		
	Spain			
	Turkey			



Message from the IBRO-PERC Chair



José Luis Lanciego, PhD, IBRO-PERC Chair

In 2022, the IBRO Pan-Europe Regional Committee (PERC) strengthened its efforts to increase equity and inclusion in European neuroscience through its funding and training programs, which were strategically developed and implemented to address the region's needs. In alignment with this goal, in the last year, we were able to award 67 grants out of 188 applications received, with 37 out of the 67 grants awarded to female recipients. We were very proud to support awardees from 21 countries in Europe. Additionally, we were proud to fund two schools, the Transylvanian Experimental Neuroscience Summer School (TENSS), which happened in

Romania, as well as the ISRC Computational Neuroscience, Neurotechnology and Neuro-inspired AI (ISRC-CN3) Autumn School, which took place in Northern Ireland.



TENNS Summer School 2022. © Raul Cristian Muresan

2022 committee members

José Luis Lanciego Perez
(2020-2022; Chair, 2023-2025)
Spain

Ana-Maria Zagrean (2018-2024)
Romania

Arleen Salles (2022-2024)
Sweden

Emmanuel Valjent (2020-2022)
France

Fabio Blandini (2018-2024)
Italy

Herta Flor (2018-2024)
Germany

Marina Pizzi (2018-2024)
Italy

Tom Baden (2022-2024)
United Kingdom

About IBRO-PERC

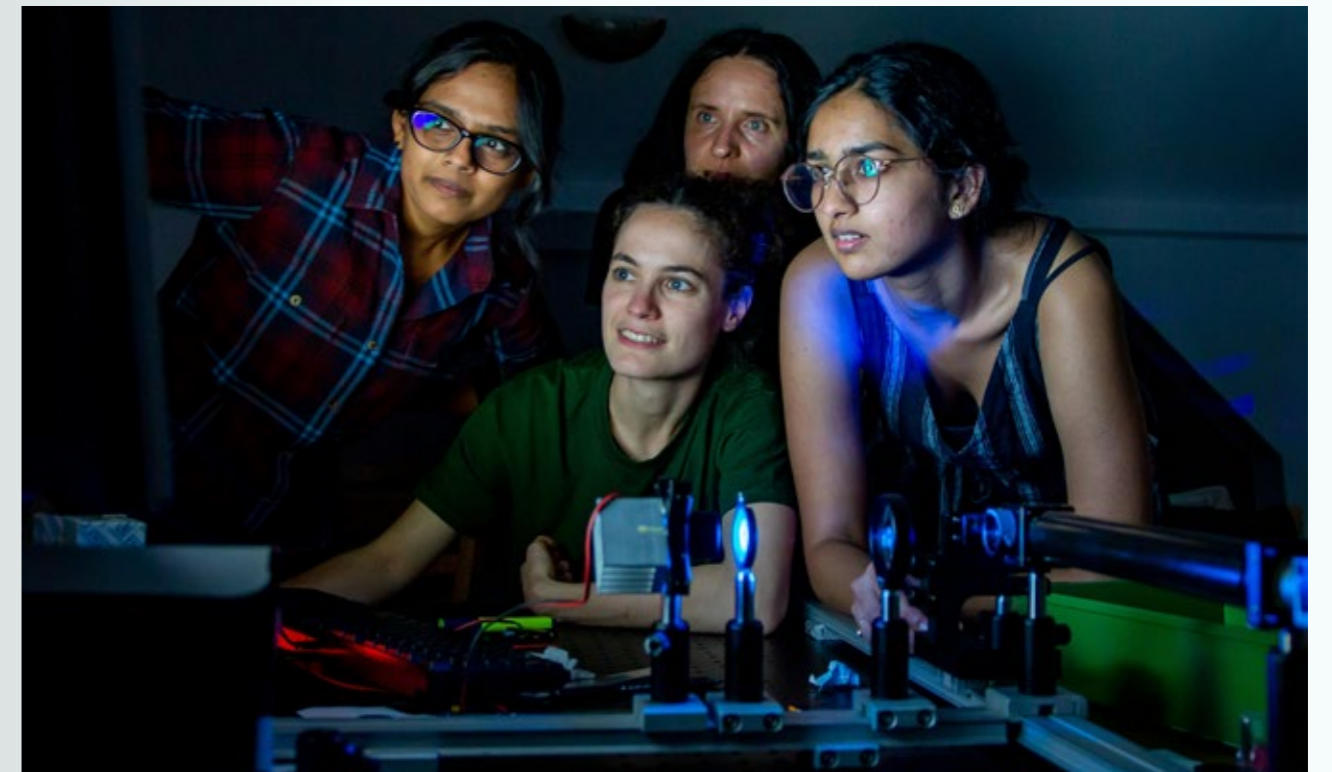
The IBRO Pan-Europe Regional Committee is formed of elected voluntary members engaged in furthering neuroscience research and education in the Pan-European region. The committee's responsibilities include developing and proposing the annual budget for IBRO's activities in the region. It works closely with the Federation of European Neuroscience Societies (FENS) and other local societies to promote brain research and awareness in the region.

2022 News and Activities

In 2022, two hands-on training schools were supported with funds to execute their activities, with 50 students selected to participate (28 male and 22 female). The Transylvanian Experimental Neuroscience Summer School (TENSS; Romania) provided training to 14 early career researchers from eight countries, while 36 students from 11 countries attended the Neural Computation and AI (NeCTAI) Autumn School (Northern Ireland), which provided training in computational neuroscience, neural data science, neurotechnology and neuro-inspired artificial intelligence.

"All in all the course was much more than I could have ever hoped for. I am truly thankful for the opportunity to spend time learning with you and hopefully can come back!"

Participant of the TENNS Summer School, Romania



TENNS Summer School 2022. © Raul Cristian Muresan

SCHOOLS AND TRAINING

Applications processed

Schools	Country	Received	Awardees	Male	Female
Transylvanian Experimental Neuroscience Summer School (TENSS)	Romania	60	14	7	7
ISRC Computational Neuroscience, Neurotechnology and Neuro-inspired AI (ISRC-CN3) Autumn School	Northern Ireland	101	36	21	15
Total		161	50	28	22

PERC placed a large emphasis on funding meetings and conferences across the region. Eight Meeting Support grants supported events in Hungary, Italy, Poland, Russia, Serbia, Spain, Turkey, and the United Kingdom, on molecular and cellular mechanisms of regulation in the nervous system, positron emission tomography to study brain connectivity, neuron-glia plasticity, and motor neuron disease. Conference Sponsorships were awarded to five larger, regular conferences in France, Poland, Portugal, Spain, and the UK. Sponsorships facilitated the participation

of early career researchers in the form of travel scholarships and promoted diversity and equity through their programming. The IBRO-ALBA-FKNE event, *Colours of the Brainbow: From Ethnic Diversity to Global Inclusion in European Neuroscience* took place during the FENS Forum in July, in Paris. It fuelled discussions between diverse, early career scientists and a panel comprising policymakers, scientists and funding agencies to highlight measures required to shape a more diverse, equitable and inclusive culture in European neuroscience.



“It was a privilege and honor to teach and help our young colleagues to accomplish their future bright career [goals] and dreams. All of that would be impossible without the IBRO Meetings Support.”

—
Marina Zaric Kotic,
 PhD, IBRO Meetings Support,
 Workshop Don't Guess, See the Stress - Oxidative/Nitrosative Imbalance and the Brain: Relevance and Methods, Serbia

A further three events, one each in Switzerland, Turkey, and the UK, used Diversity Grant funds to promote speakers from underrepresented backgrounds, to highlight the significance of women’s contributions to neuroscience and to provide access to mentorship and other career development opportunities. An initiative unique to PERC, Support for Soft Skills Training, funded four activities in 2022, one each in Georgia,

Romania, Turkey, and the UK, with the aim of improving scientific writing and oral presentation skills. As part of the final cycle of the Global Engagement Initiative, event organizers in Italy, Portugal, and the UK conducted high school debates, produced podcasts fostering exchange between neuroscientists and the general public and invited communities inside laboratories using guided drone video tours.

Sharpening soft skills in Europe

Arzu Aral, PhD, IBRO-PERC Support for Soft Skills Training, Turkey

The participants of the event *Trends in Neurosciences: Bridging the New Techniques with Indispensables* in İzmir, Turkey, had the opportunity to improve their time management, project writing, and oral presentation skills, in sections like *The ABC of Research Project Writing* and *How to Make an Effective Oral Presentation*. Dr. Arzu Aral, the event organizer, shared the feedback received: *“We got positive feedback from all the registered participants, including students, as well as from the faculty. In addition to our participants, our school also received great praise from the Dean’s Office and our administrators. They were very helpful during the organization process and were very proud of being a part of creating such an opportunity for young neuroscientists in the region.”*



IBRO Support for Soft Skills Training. © Arzu Aral

A cohort of eight early career researchers from six countries received Exchange Fellowships to conduct short, goal directed visits to laboratories in Ireland, Italy, the Netherlands, Spain, Switzerland, and the UK. Early Career Awards supported research projects on dementia, as well as on endocannabinoid and cholinergic systems, among others. A further two collaborative projects (Spain/Argentina and Italy/USA) were initiated, investigating the brain circuitry of fear, as well as new therapeutic targets and potential biomarkers of amyotrophic lateral sclerosis.



Broadening the Training of Early-Career Researchers
Alba Peris-Yague, IBRO Exchange Fellowship, Spain

Learning a new technique, starting a collaboration, or experiencing a different research environment. There can be many advantages to completing internships in another lab. IBRO Exchange Fellow Alba Peris-Yague, a PhD candidate in Spain, shared her experience as a visiting PhD scholar in the UK: *“I wanted to replicate the results we had found using electrophysiology with a different neuroimaging technique that I hoped could be a little bit more accessible, because working with human electrophysiology limits you to working with a very niche group of patients. So sometimes it’s difficult to collect data, or have enough patients with electrodes in the brain regions you’re interested in. Doing fMRI was an opportunity to learn a new technique and use it to firstly see whether we could replicate our previous results, but also to expand our research.”*

PERC continued its close collaboration with the Federation of European Neuroscience Societies (FENS) in providing opportunities for Europe-based researchers. Travel Grant funds were dedicated entirely to early career investigators attending the FENS Forum, with 173 travel grants distributed across 37 countries worldwide. In addition, 20 early career researchers participated in the Young Investigator Training Program, organized by the Société

des Neurosciences in France. Under the Network of European Neuroscience Schools (NENS) program, stipends were provided to students to attend the school on Mathematical Methods in Computational Neuroscience in Norway and the Summer School on Affective Neuroscience in Belgium. A consortium of three NENS programs in the UK, Poland and Switzerland on neuroimaging was supported as part of the NENS Clusters Initiative.



IBRO Conference Sponsorship 2022. © Anton Coenen



IBRO-PERC Support for Soft Skills Training 2022. © Arzu Aral

FUNDING

Applications processed

Programs	Received	Awardees	Male	Female
IBRO/IBE-UNESCO Science of Learning Fellowships*	3	1	0	1
IBRO Parenthood Grants (round 1)	8	3	2	1
IBRO Parenthood Grants (round 2)	5	2	0	2
IBRO Travel Grants (Jan–Jun 2023)	51	7	2	5
IBRO Diversity Grants	3	3	1	2
IBRO Meetings Support 2022	14	8	6	2
IBRO Conference Sponsorships 2022	17	5	3	2
IBRO Exchange Fellowships	14	8	4	4
IBRO Early Career Awards	18	3	1	2
IBRO Collaborative Research Grants	6	2	1	1
IBRO-PERC Support for Soft Skills Training	5	4	1	3
IBRO Annual Call for School Proposals 2023	8	2	2	0
Global Engagement Seed Grants 2023	7	4	1	3
IBRO Conference Sponsorships 2023	10	5	3	2
IBRO Meetings Support 2023	19	10	3	7
Total	188	67	30	37

*Competitive international grants program; 10% success rate across all regions.

Looking ahead

In 2023, we look forward to continuing to elevate European neuroscience, and we will be thrilled to fund two schools, in Romania and Portugal, and support nine scientific meetings in France, Georgia, Germany, Portugal, Slovenia, and Serbia. In agreement with this, we will explore several different activities intended to strengthen PERC values and programs within Europe. In this

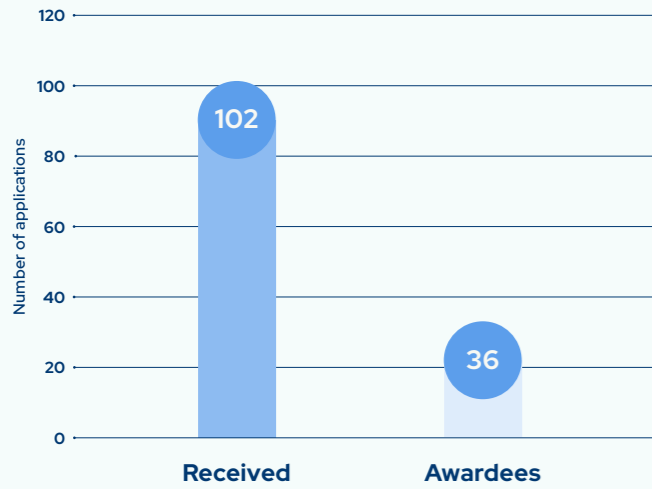
regard, a memorandum of understanding between PERC and the Federation of European Neuroscience Societies will provide a framework for forthcoming activities to be implemented between 2023 and 2025. Last but not least, with the IBRO World Congress happening in a city in the PERC region, Granada, Spain, in September 2023, we will be supporting the attendance of early career scientists via travel grants. We look forward to seeing you in Granada in September!

US/CANADA Regional Committee

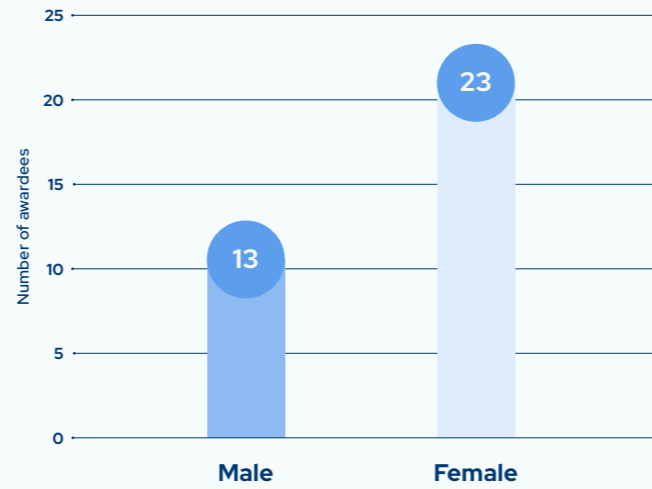
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FUNDING

Applications processed



Awardee gender distribution

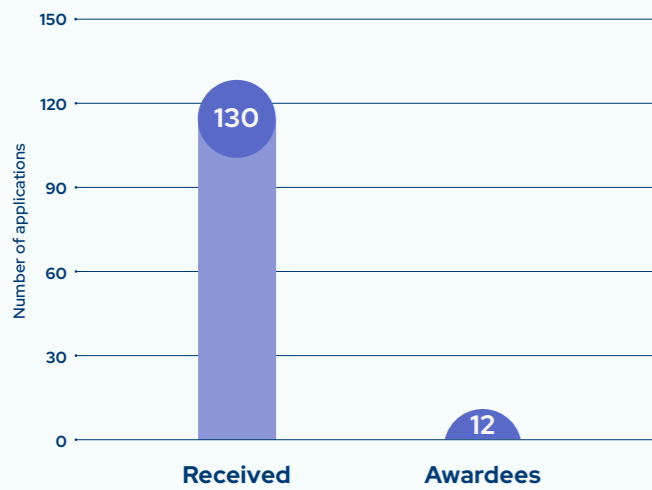


Geographical distribution of awardees

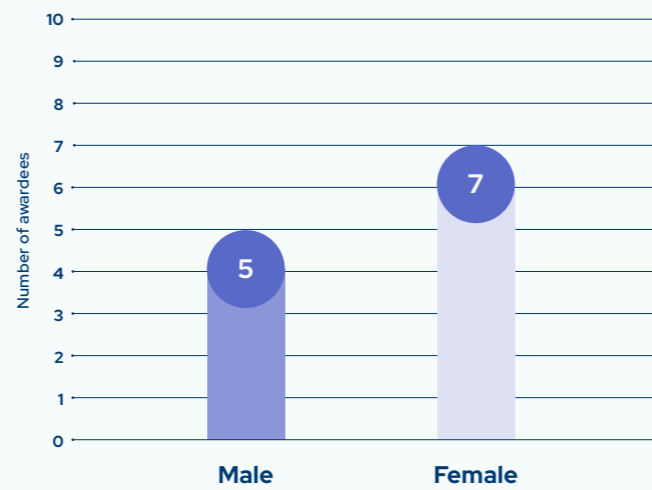


SCHOOLS AND TRAINING

Applications processed



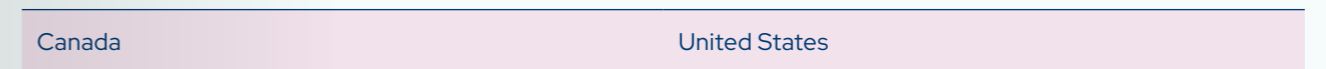
Awardee gender distribution



Geographical distribution of the schools organized in the region



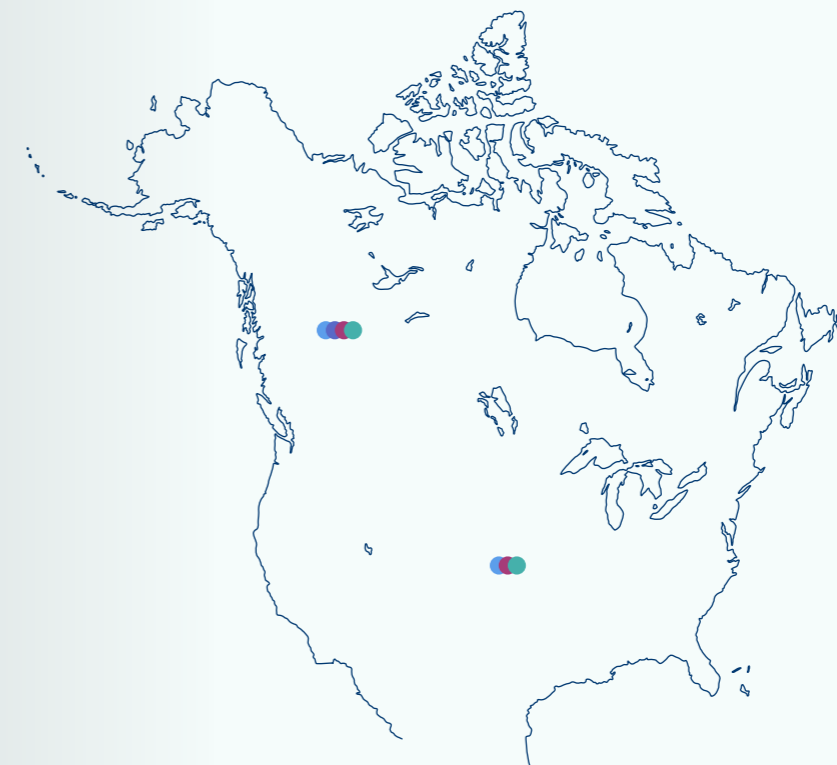
Geographical distribution of school attendees



EVENTS

All funded events in US/Canada

MBL Courses		Workshops and Meetings	
Neural Systems and Behavior	United States	SEE-Diversity Workshop	United States
Neurobiology	United States	Canadian Neuroscience Meeting	Canada
		International Neuroethics Society Meeting	Canada
CSHL Courses			
Imaging Structure and Function in the Nervous System		United States	
Neuroscience of Addiction		United States	
Advanced Techniques in Molecular Neuroscience		United States	
Brain Tumors		United States	
Drosophila Neurobiology: Genes, Circuits & Behavior		United States	
Genetics and Neurobiology of Language		United States	
High Throughput Neuroanatomy		United States	
Imaging Structure and Function in the Nervous System		United States	



Message from the IBRO-USCRC Co-Chairs



Michela Fagiolini,
PhD, IBRO-USCRC Chair



Kurt Haas,
PhD, IBRO-USCRC Co-Chair

In alignment with IBRO’s values, in 2022, IBRO’s US/Canada Regional Committee (USCRC) maintained its focus on strategic regional programs aiming to make neuroscience in the US and Canada more accessible, impactful and inclusive. Various key projects targeting all career stages, as well as the general public, were funded throughout the year and we continued to work with partners to increase interest in and the impact of our programs.

USCRC was proud to support a number of initiatives throughout the year aiming to promote the inclusion and continuation of underrepresented groups in neuroscience, such as the SEE Diversity Workshop, a career development mentoring program at the University of Chicago, as well as fellowships

to participate in summer internships at universities in Canada and the US.

Further programs aiming to support the mobility of neuroscientists within the region complemented the committee’s efforts in 2022 and USCRC was thrilled to be able to support 21 students and postdocs with travel grants to attend meetings in Canada throughout the year.

Finally, one highlight of the year was the committee’s involvement, for the first time, in awarding 15 Brain Awareness Week Grants, in partnership with the Dana Foundation, for outreach activities to be carried out during the Brain Awareness Week 2023. We very much look forward to seeing the results of this exciting program!

2022 committee members

Michela Fagiolini
(2018–2021; Chair, 2022–2024)
USA

Kurt Haas
(2018–2021; Co-Chair, 2022–2024)
Canada

Aparna Suvrathan (2022–2024)
Canada

Julie Lefebvre (2020–2025)
Canada

Lee E. Eiden (2022–2024)
USA

Leigh Anne Swayne (2022–2024)
Canada

Majid Mohajerani (2022–2024)
Canada

Ramesh Raghupathi (2020–2025)
USA

About IBRO-USCRC

The IBRO US/Canada Regional Committee is composed of elected voluntary members committed to elevating neuroscience research and education in the US and Canada, responding to regional needs and contexts. Among the committee’s responsibilities, it develops and proposes the annual budget for IBRO’s activities in the US/Canada region and works closely with the Society for Neuroscience (SfN), the Canadian Association for Neuroscience (CAN/ACN) and other local societies to promote brain research and awareness in the region.

2022 News and Activities

The Canadian School of Neuroscience was held in a virtual format in spring 2022, hosting 12 students from eight countries worldwide: Chile, Argentina, Brazil, Nigeria, South Africa, Morocco, Egypt and Ghana. Students participated in interactive discussions with guest lecturers, attended talks and writing sessions and received training on ethics and other aspects of professional development. In virtual laboratory sessions, participants were

introduced to DeepLabCut, a software package that uses machine-learning to provide an estimation of animal behavior while performing various tasks. Students also learned the fundamentals of coding and programming in Python.

“This is to show my deepest gratitude for the awards bestowed to me for attending a transformational summer school at Marine Biological Laboratory. Interacting with so many brilliant junior scientists while working hard to explore and explain neurobiological phenomena at diverse levels and from various perspectives has reminded me of why I enjoy science and how I can thrive.”

—
Behrang Sharif, IBRO-USCRC/MBL Fellow

In continuation of its support for advanced training, researchers from underrepresented backgrounds in neuroscience attended courses at the Marine Biological Laboratory (MBL) in Woods Hole, Massachusetts, and Cold Spring Harbor Laboratory (CSHL) in Laurel Hollow, New York, with preference given to those who attend minority serving institutions (MSIs) in the US and smaller (non-U15) Canadian universities. Four students were selected to attend Neural

SCHOOLS AND TRAINING

Applications processed

School	Country	Received	Awardees	Male	Female
15th Canadian-IBRO School of Neuroscience	Canada	130	12	5	7



Boosting the career of early-career principal investigators

Erika Calvo-Ochoa, IBRO Rising Stars Awards, USA

Dr. Erika Calvo-Ochoa has been working in a lab since the first week of her Bachelor’s degree in Biomedical Research in Mexico. Back then, little did she imagine that some years later she would become a mentor to undergraduate students like she used to be. Or, that in 2022, she would be awarded an IBRO Rising Stars Award. “It was the best thing to wake up to that email,” said Dr. Calvo-Ochoa. The award will enable her to fund two summer research students in 2023, as well as a teaching assistant who will help her with her classes. Dr. Calvo-Ochoa believes the award will allow her to dedicate more time to mentoring her undergraduate students. “It’s wonderful to see [...] an organization that can see the value in training undergraduate students,” said Dr. Calvo-Ochoa.

Systems and Behavior and Neurobiology courses at MBL with a further 12 receiving fellowships to attend seven different courses at CSHL.

In 2022, USCRC launched the new Rising Stars Award program aimed at increasing the successful transition and retention of diverse, early career neuroscientists into academic positions. Four awardees from the United States and Canada received significant funds to support their ongoing projects on mechanisms of action of rapidly acting antidepressants, cognitive responses to peripheral inflammation, as well as on amyotrophic lateral sclerosis and on the neurodegeneration and regeneration of the zebrafish nervous system.

Four additional early career neuroscientists attended the SEE Diversity Workshop

at the University of Chicago, where they were provided access to long-term mentoring and professional development opportunities, with emphasis on the preparation, submission and revision of career development and research grant applications. Other activities at the workshop addressed issues impacting the longevity of neuroscientists’ academic careers, such as negative perceptions and the negotiation of tenure track.

Additional support was provided to early career researchers in the form of travel awards supporting 21 trainees to attend the Canadian Association for Neuroscience and International Neuroethics Society meetings.

To address inequities in opportunities in neuroscience, USCRC supported four summer internship programs

“[This scholarship] will make me pursue my goals with confidence because I deserve to be in science and my ideas matter. This will be critically important as I progress in my career.”

Fellow from the Scholarships to Enhance and Empower Diversity program, US

“I would like to thank IBRO immensely for their stipend to travel to the International Neuroethics Society 2022 Annual Meeting. This is a great feat for someone who’s from the global south without many opportunities or resources for travel to international conferences but thanks to IBRO I made it to my first international conference, and I’ll cherish that forever.”

Nwabisa Mlandu, IBRO-USCRC/INS Travel Grantee, South Africa

“This program overall was incredibly helpful in bolstering my academic journey. I realized how much I did not know about pursuing a career in academia, and now the world of scientific discovery feels infinitely more accessible.”

Camille Donho, Carney Summer Scholar 2022, US

for undergraduate students from underrepresented backgrounds in the US and Canada. Programs took place over the summer period at the University of British Columbia, McGill University, the F.M. Kirby Neurobiology Center at Boston Children’s Hospital, and the Robert J. and Nancy D. Carney Institute at Brown University. Thirteen students were matched with host

laboratories, participating in hands-on, mentored research activities, in addition to workshops on developing computational fluency and oral and poster presentation skills. Targeted at elementary school age children, a separate workshop on DNA extraction from strawberries was held at the CEDAR Summer Science Camp for Indigenous Youth (ages 9-12) at UBC.

FUNDING

Applications processed

Programs	Received	Awardees	Male	Female
MBL Fellowships	4	4	4	0
CSHL Fellowships	12	12	2	10
USCRC Rising Star Awards	4	2	0	2
IBRO Annual Call for School Proposals 2023	1	1	1	0
IBRO-Dana Brain Awareness Week Grants 2023	76	15	4	11
IBRO Rising Stars Awards 2023	5	2	2	0
Total	102	36	13	23

Making the research environment in Canada more inclusive

Lindsay Naef, BRaIN program, Canada

The goal of the BRaIN Program is to foster an inclusive research environment and provide opportunities for black and indigenous students in Canadian institutions. Different activities were organized during the 2022 program, including a seminar series with a neuroscientist who leads indigenous initiatives at her institution and with the founder and president of Black in Neuro, as well as workshops on topics such as empathy in communication skills. Lindsay Naef, the program’s coordinator, explained the goals of the program: “All these events aim at improving the research environment in addition to training the next generation of neuroscience leaders on how to foster such an environment. They expose our community to researchers and ideas from underrepresented groups. They also provide the opportunity for our IBRO students to network with our invited speakers and with trainees and faculty from Canadian institutions at the Canadian Neuroscience meeting.”

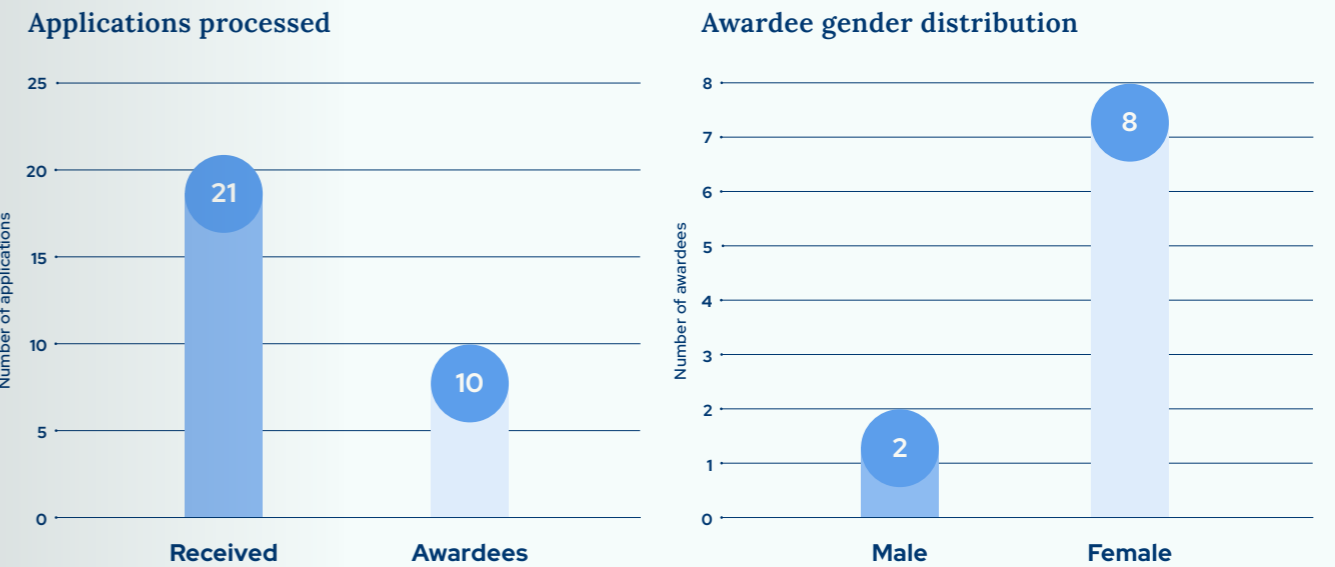
Looking ahead

In 2023, USCRC’s goal is to continue offering relevant, strategic programs for the US and Canada to address pervasive and persistent inequalities in the region, including the lack of ethnic and gender representation in neuroscience. We will work with partners and regional actors to increase the visibility, and consequently impact, of our programs. Lastly, we are looking forward to finally meeting the IBRO community again after four years since the last IBRO World Congress and we hope to see you all in Granada in September!

EARLY CAREER Committee

(ECC)

FUNDING



Geographical distribution of awardees

Argentina	Chile	Finland	France
Kyrgyzstan	Nigeria	Spain	Uzbekistan



Message from the IBRO-ECC Chair



Srikanth Ramaswamy, PhD, IBRO-ECC Chair

The IBRO Early Career Committee (ECC), formerly known as Young IBRO, welcomed 2022 with a new group of members. The ECC is a diverse group of early-career investigators from around the world. Over the past year, the ECC organized several networking and scientific exchange events between our individual members and their scientific networks across Europe, the US, Canada, Latin America, Africa and Asia-Pacific. The ECC organized a well-received event at the FENS Forum 2022 in Paris, entitled

Colours of the Brainbow, in partnership with the ALBA and FENS-Kavli networks. The event emphasized the importance of racial diversity in shaping an equitable and inclusive global neuroscience community. Training the next generation of scientists is a key mission of the ECC. In 2022, we also launched a mentorship initiative to train graduate students and early postdoctoral fellows in scientific writing. The initiative has received a warm reception from the community and we encourage wide-ranging participation.

2022 committee members

AFRICA

Gwladys Temkou Ngoupaye (2022-2024)
Cameroon

Olamide Adebisi (2022-2024)
Nigeria

ASIA-PACIFIC

Jacque Pak Kan Ip (2022-2024)
Hong Kong, China

Lin Kooi Ong (2022-2024)
Malaysia

LATIN AMERICA

Manuella Kaster (2022-2024)
Brazil

Paulino Barragan-Iglesias (2022-2024)
Mexico

PAN-EUROPE

Isabel Del Pino (2022-2024)
Spain

Srikanth Ramaswamy (2022-2024, Chair)
United Kingdom

US/CANADA

Arjun Krishnaswamy (2018-2024)
Canada

Dionna Whitney Williams (Jan-Oct 2022)
United States

About IBRO-ECC

The IBRO Early Career Committee is composed of neuroscientists from all five IBRO regions, who are in the early stage of their careers and work as independent principal investigators, having started in their position no longer than ten years before nomination. Mostly formed of, although not restricted to, IBRO alumni, the committee aims to strengthen and consolidate IBRO's alumni community and support networking and scientific exchange.

2022 News and Activities

In 2022, the committee previously known as "Young IBRO" was relaunched as the IBRO Early Career Committee, in order to better reflect the committee's composition and purpose.

As part of IBRO's commitment to equitable and inclusive access in neuroscience, the Early Career Committee has pioneered innovative support opportunities such as the Parenthood Grants program. Two rounds of Parenthood Grants were administered in 2022, with a total of 10 awards distributed to early career



Colours of the Brainbow FENS 2022

researchers (two male and eight female) in eight countries across the African, Asia-Pacific, Latin American, and Pan-European regions. Parenthood Grants serve to support the smooth running of awardees' projects while taking parental leave.

In addition to a number of networking and scientific exchange events throughout the year, including the Colours of the Brainbow

event at the FENS Forum 2022 in Paris, in 2022, ECC supported a Neuroethics Student Championship organized by Simply Neuroscience. This interdisciplinary debating competition offered participants the opportunity to explore diverse neuroethics themes related to philosophy, law, consciousness, AI, public education, mental health and more, as well as benefiting from the knowledge of a panel of experts in the field.

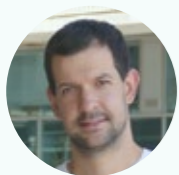
Supporting the continuity of new parents in scientific research



Melisa Monteleone, PhD - IBRO Parenthood Grants, Argentina

With the demand for high productivity in the academic field, scientists who are new parents often find themselves at a disadvantage, as their parental obligations may affect their competitiveness. Dr. Monteleone was five months pregnant when a friend suggested

she apply for an IBRO Parenthood Grant. Such funding would perfectly fit her needs: it was intended to support early-career independent researchers approaching parental leave, either by birth or adoption, by providing supplemental laboratory funding. "Receiving this grant was such a relief! I felt like my worry wasn't only mine and other people knew this situation was conflictive and they were giving us help," says the Argentinian neuroscientist, who studies the consequences of social isolation on protein expression in the brain. With this grant, the expert on the neurobiology of stress bought reagents and antibodies that allowed her lab members to continue their research while she went on maternity leave.



Arnau Busquets Garcia, PhD - IBRO Parenthood Grants, Spain

Intended to support short one-year projects, the IBRO Parenthood Grant came at a perfect time for Dr. Arnau Busquets Garcia. The Spanish neuroscientist, who works on

the endocannabinoid system and memory, never had the time or funding for a short project related to the effects of social isolation on behavior. As an early career researcher approaching paternity leave, he knew that the pressures on his time would only increase, so a Parenthood Grant offered some relief. "When you have paternity and maternity leave, it is always difficult to continue with your lab projects, so this grant was kind of compensation for this critical time of my career and at the same time allowed me to enjoy the moment with my child and family," commented Dr. Busquets-Garcia. The grant, used to acquire reagents and animals for the lab, allowed his team to produce preliminary data for a pilot project.



"It is rewarding to see your baby develop. I feel fortunate that I could take time away from work to take care of our daughter and witness her growth."

—
Juha Saarikangas, PhD - IBRO Parenthood Grants, Finland

Looking ahead

For 2023, the ECC has planned an article series in collaboration with the journal *IBRO Neuroscience Reports* with a thematic focus on cellular and molecular neuroscience, as well as on systems and computational neuroscience. The ECC is also putting together a virtual seminar series entitled NextInNeuro, which aims to feature some of the most promising neuroscience research and researchers of the future. In addition to being present at key international conferences such as the FENS Regional Meeting, the Society for Neuroscience meeting, the British Neuroscience Association meeting and the Society of Neuroscience of Africa meeting, the ECC will organize exciting events at the IBRO 2023 World Congress in Granada. At the World Congress, the ECC will hold panel discussions on the challenges and opportunities for early career researchers from around the world and how to ensure the global benefits of neuroscience research.

Tackling global issues through international collaboration

IBRO consciously strives to promote access to international career development opportunities in an equitable and inclusive manner. The innovative funding and support framework spearheaded by its Regional Committees and Early Career Committee is complemented by a number of partnerships, which allow IBRO to address global issues and uphold its core values through targeted, strategic collaboration.

IBRO’s partnerships with advocacy organizations, such as World Women in Neuroscience and the ALBA Network, constitute a key element of its efforts to promote diversity and equity in neuroscience. IBRO and its partners aim to shine a light on the challenges facing women and underrepresented groups in neuroscience careers, as well as training, through networking opportunities and mentoring frameworks offering neuroscientists around the world the opportunity to exchange and learn in a supportive and stimulating environment. IBRO strives to provide access to thought-provoking resources and

discussions, as well as practical tools and resources to support researchers as they progress throughout their career. Moreover, IBRO works with all its partners around the world to ensure its collaborations are implemented in an inclusive manner.

Additional global partnerships allow IBRO to build upon its career development support to encompass opportunities from the earliest stages of scientific study - including its support of the International Brain Bee - to opportunities for scientists in a position to contribute to policy-centered debates, through programs such as the IBRO/IBE-UNESCO Science of Learning Fellowships. IBRO also aims to contribute directly to topical discussions of importance to the global neuroscience community. In 2022 it participated in a roundtable on Global Partnerships in Brain Research at the Science Summit at the 77th UN General Assembly (UNGA77).

In 2023, IBRO will continue to engage with international stakeholders to address topics that most impact the global neuroscience community.



IBRO at SfN 2022



IBRO Alumni event at SfN 2022

IBRO engagement

IBRO’s commitment to community building, dissemination of research, career development and engagement also guides the organization’s communication strategies. IBRO is present on all major social media platforms - Facebook, Twitter, LinkedIn, Instagram, and Youtube. It also uses its website (ibro.org) and a monthly newsletter (IBRO Highlights), launched in August 2022, to spread the news to its global network about its programs and activities.

Online engagement

More than 100,000 people accessed IBRO’s website throughout 2022, an increase in users of 24% in comparison to 2021. 15% of the traffic to ibro.org came from IBRO’s social media accounts, which have also attracted more attention than in the previous year, as shown by the increase in the number of followers across all of IBRO’s channels. IBRO Highlights kept more than 6,000 subscribers up to date with IBRO’s news and opportunities.

Subscribe to IBRO’s monthly newsletter, IBRO Highlights:



Number of followers

Social media	End of 2021	End of 2022	Increase (%)
LinkedIn	14,312	21,576	50.8
Facebook	25,728	38,566	49.9
Twitter	10,748	14,121	31.4
Instagram	6,002	7,112	18.5
Website users	80,736	100,059	23.9

Events

With more and more in-person events happening in 2022, IBRO officers, committee members and the secretariat were glad to meet the neuroscience community at several meetings around the world. In July, the team was present at the FENS Forum, in Paris, France, and in September, IBRO-LARC represented IBRO at the FALAN meeting, in Belém,

Brazil. Approaching the end of the year, IBRO also exhibited at the Brain Innovation Days in October in Brussels, Belgium, and at the SfN meeting, in November, in San Diego, US. The SfN meeting was an opportunity to bring together the IBRO alumni community for a celebration of their accomplishments at the IBRO Alumni Reception.



IBRO at FALAN 2022



IBRO at FENS 2022



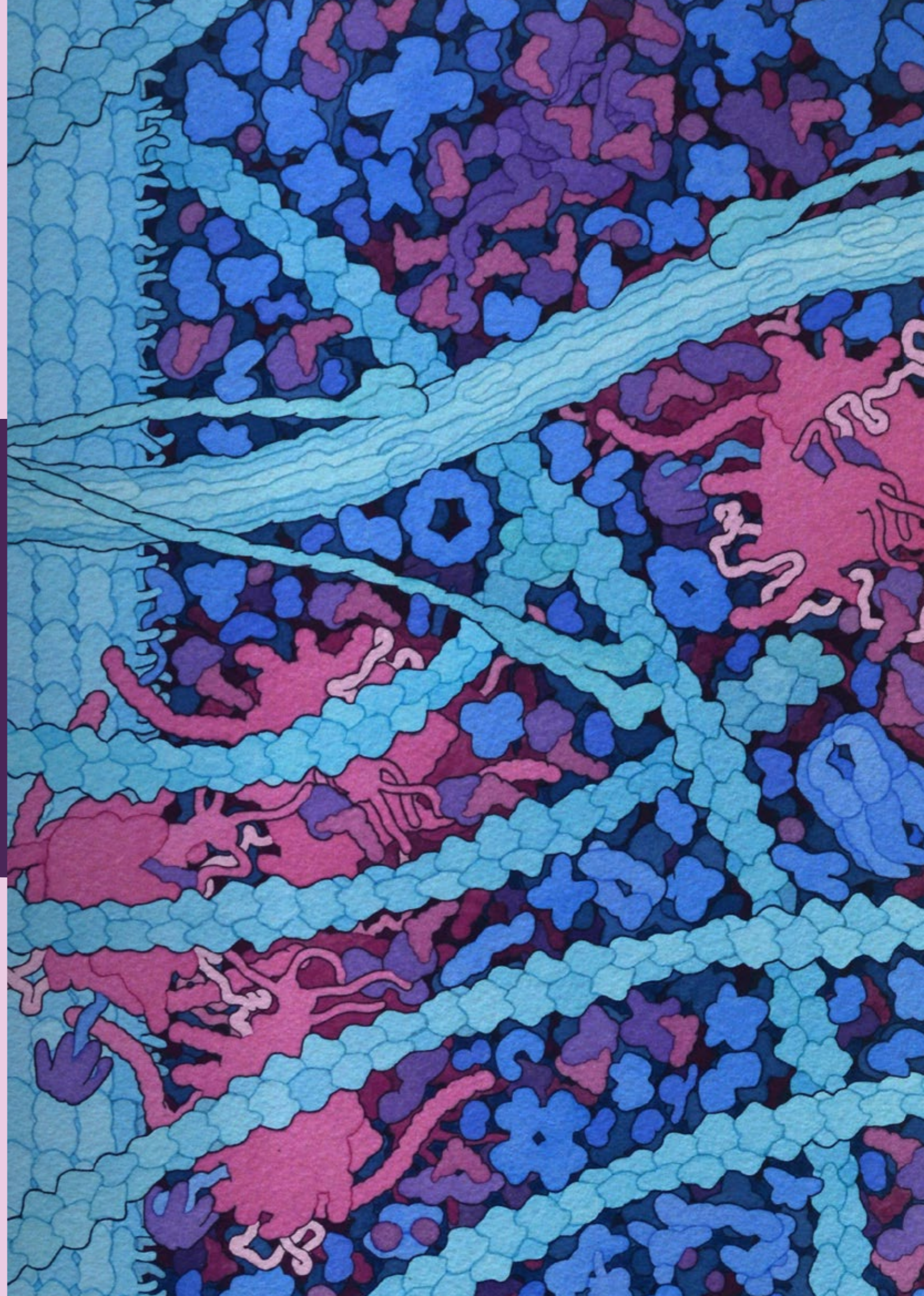
IBRO Alumni event at SfN 2022

IBRO

Society journals

*Neuroscience and
IBRO Neuroscience
Reports* are
outlets for exciting,
globally significant,
neuroscience
discoveries and
developments.

Illustration by David S. Goodsell, RCSB Protein Data Bank.
doi: 10.2210/rcsb_pdb/gallery-gallery-036



IBRO Society journals

IBRO has two scientific journals, *Neuroscience* and *IBRO Neuroscience Reports*. Its flagship journal, *Neuroscience*, was established in 1976. Offering open access as well as traditional subscription publishing options, it features papers describing significant, new and carefully confirmed findings on any aspect of the nervous system. *IBRO Neuroscience Reports* is an open access companion journal to *Neuroscience*, which considers all methodologically sound articles on the nervous system for publication, including negative data and replication studies. Proceeds from IBRO's journals support more than 90% of IBRO's initiatives, meaning that all submissions contribute to the organization's global neuroscience activities.

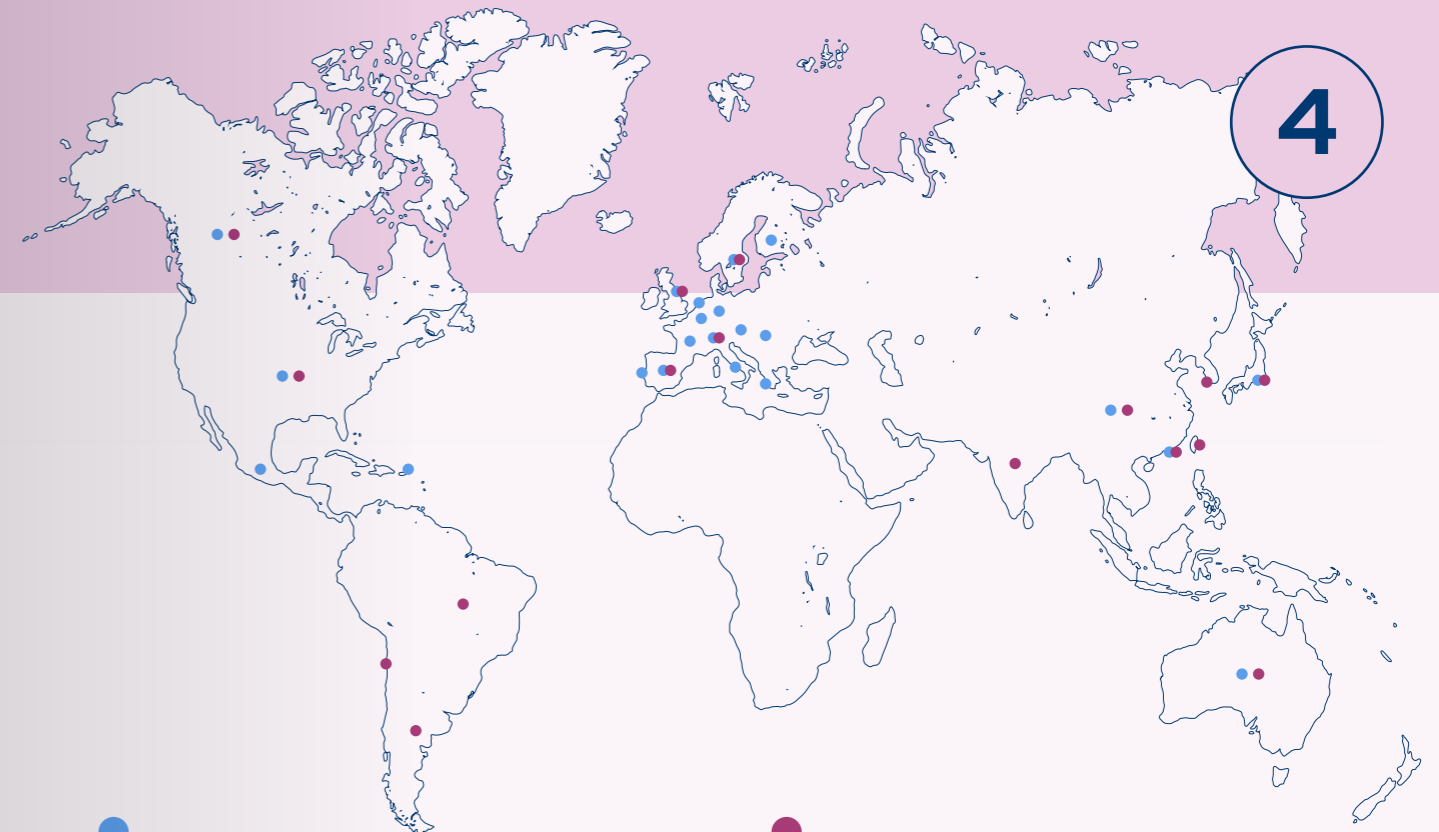
IBRO places great importance on both of its journals as outlets for exciting, globally significant scientific research discoveries and developments. Under the editorial direction of Juan Lerma and Ying-Shing Chan, the



journals' editorial boards have been working throughout 2022 to increase the journals' visibility and reinforce the support offered to early career researchers looking to identify a journal for their first publications. These efforts will continue in 2023, with the editors planning publishing workshops and other activities to ensure that researchers are aware of the support and opportunities the journals offer.

IBRO'S JOURNALS IN NUMBERS

- *Neuroscience* editorial board: 113 editors, 22 countries
- *IBRO Neuroscience Reports* editorial board: 26 editors, 16 countries
- *Neuroscience* acceptance rate: 25%
- *Neuroscience*: 3.8 weeks to first decision
- *IBRO Neuroscience Reports* acceptance rate: 54%



NEUROSCIENCE EDITORIAL BOARD COMPOSITION - 2022

Countries	Editors
Australia	1
Austria	3
Belgium	1
Canada	8
China	5
Finland	1
France	10
Germany	8
Greece	1
Hong Kong	2
Hungary	2
Italy	5
Japan	6
Mexico	2
Netherlands	1
Portugal	1
Puerto Rico	1
Spain	8
Sweden	1
Switzerland	2
United Kingdom	7
United States of America	37
Total: 22	113

IBRO NEUROSCIENCE REPORTS EDITORIAL BOARD COMPOSITION - 2022

Countries	Editors
Argentina	1
Australia	2
Brazil	1
Canada	1
Chile	1
China	5
Hong Kong	3
India	1
Japan	2
South Korea	1
Spain	1
Sweden	1
Switzerland	1
Taiwan	1
United Kingdom	1
United States of America	3
Total: 16	26

Neuroscience

"Through its support of rigorous, peer-reviewed science, Neuroscience enriches and advances the work of IBRO and its global community."

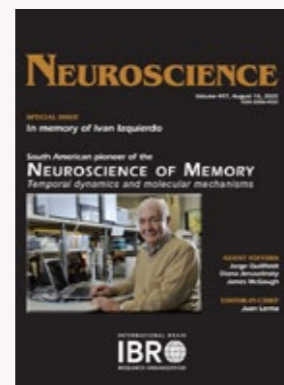


Juan Lerma, PhD, Neuroscience Editor-in Chief

IBRO's flagship hybrid journal *Neuroscience* is published by Elsevier. Revenue from the journal provides more than 90% of IBRO's income, enabling the organization to fulfill its mission to promote neuroscience globally and continue to grow its impact. *Neuroscience* features papers describing the results of original research on any aspect of the scientific study of the nervous system. Any research paper is considered for publication provided that it reports significant, new, and carefully confirmed findings with full experimental details. The journal also publishes invited (*Neuroscience Forefront Reviews*) or pre-screened review articles, Commentaries, Perspectives and Letters to the Editor. Through its support of rigorous, peer-reviewed science, *Neuroscience* enriches and advances the work of IBRO and its global community. A new Associate Editor-in-Chief, Daniela Schiller, Professor of *Neuroscience* and Psychiatry at the Icahn School of Medicine at Mount Sinai, New York, was welcomed onto the *Neuroscience* editorial board in January 2022.

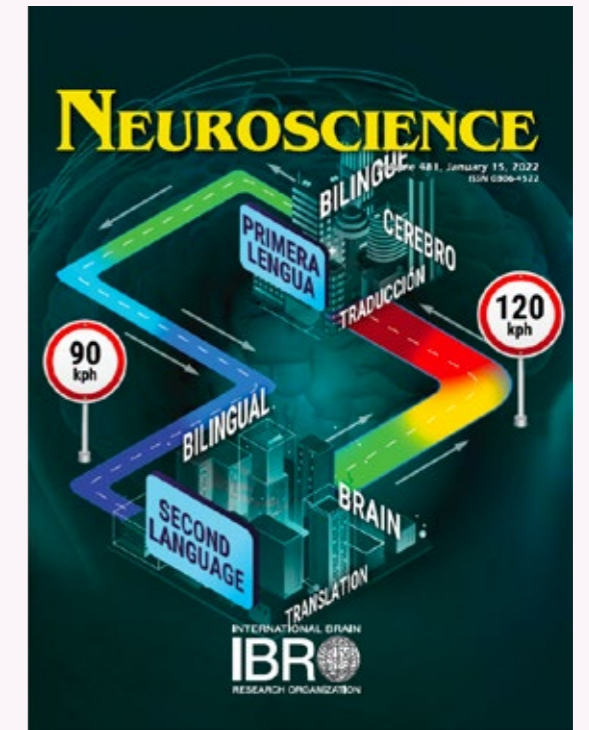
As was the case for many other journals, 2022 was a difficult year for *Neuroscience* due to the

continued effect of the COVID-19 pandemic on lab-based research. Nevertheless, there was some positive news. Following a decrease in submissions identified in August 2020 and 2021, the pace of submissions to *Neuroscience* appeared to stabilize in 2022. Indeed, *Neuroscience* received a score of 3.7 for the 2021 Impact Factor, released in 2022 by Journal Citation Reports, representing a small increase compared with 2020 (3.59). The Citescore also increased to 6.7 (4.6%) over the previous period.



In 2022, *Neuroscience* published 24 issues and three special issues, including one honoring Ivan Izquierdo, a South American who pioneered the neuroscience of memory and learning. A collection of particularly impactful research articles published in 2022 has been carefully selected by *Neuroscience*. We hope you enjoy the highlights of the year.

In 2022, the creative team led by Dr. Adolfo García won the annual best *Neuroscience* cover competition. As an artistic representation of the findings of their paper "The Bilingual Lexicon, Back and Forth: Electrophysiological Signatures of Translation Asymmetry", the cover illustrates the languages of a bilingual brain as two interconnected cities, with different aspects of the translation process reflected in the details of each town and the roads connecting them.



Dr. García also shared his experience publishing in *Neuroscience*:

"This was our first submission and publication in *Neuroscience*. We have published again since, and I can say that both times we received a very good review in the sense that [the editors] were positive but also constructively critical. They helped us to improve our work: if you compare the manuscript we submitted to the published manuscript, after addressing the reviewers' comments, the second one was objectively superior."

Promotional events by the main Editors continued throughout the year with the aim of increasing awareness among the scientific community of *Neuroscience* as a society journal. Within this context, we participated in in-person workshops about scientific publication at scientific meetings such as the 2022 FENS Forum in Paris (France) and the FALAN meeting in Belém do Pará (Brazil).

Finally, *Neuroscience First Look*, a new preprint space where submitted research is showcased as it undergoes the peer review

process, represents a new way for IBRO to meet the evolving needs of the scientific community. Developed in partnership with Elsevier's Social Science Research Network, the preprint repository offers *Neuroscience* authors who are increasingly obliged, by such things as funder mandates, to publish preprints. With this, IBRO and the Editors of *Neuroscience* aim at continuing integrating new initiatives to meet the needs of the scientific community.

Juan Lerma, PhD, Neuroscience Editor-in-Chief

IBRO Neuroscience Reports

“To consolidate the multidisciplinary profile of our journal, we have launched a new Mini-Series initiative that will not only establish rapport with early career neuroscientists but also showcase their discoveries and enhance their visibility.”



Ying-Shing Chan, PhD, *IBRO Neuroscience Reports* Editor-in-Chief

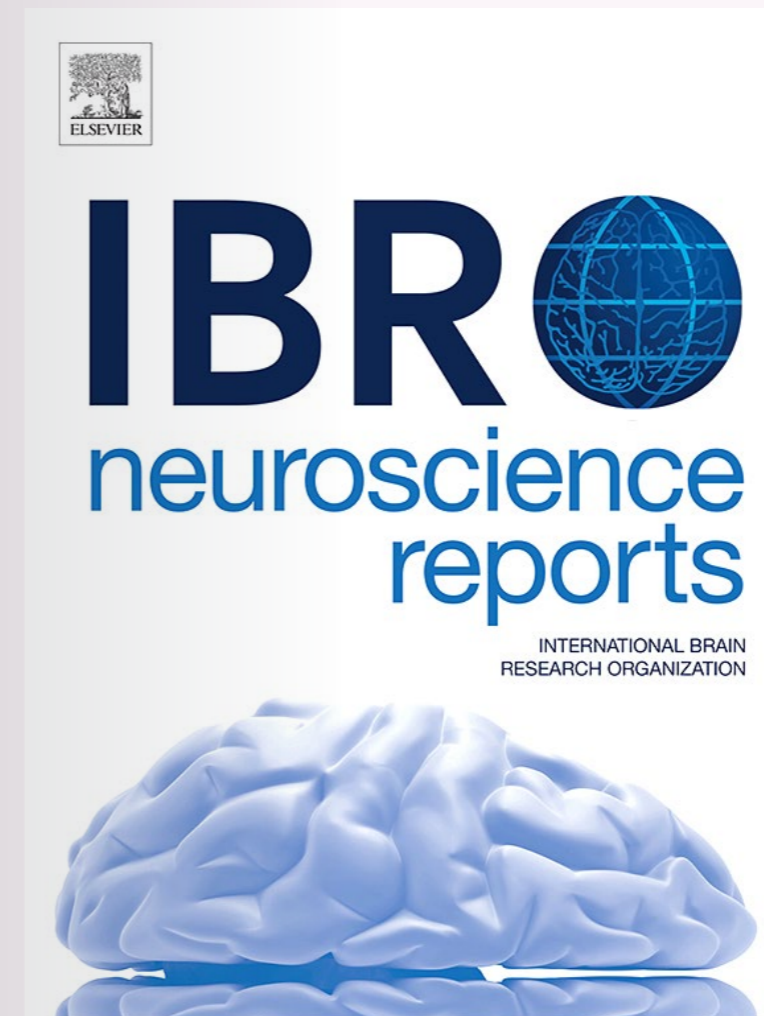
IBRO Neuroscience Reports publishes papers that describe the results of original research on any aspect of the nervous system. It welcomes preliminary, descriptive, or concise reports if the results hold promise to stimulate or contribute new insights or hypotheses for further advances in the field. As a fully open access journal, *IBRO Neuroscience Reports* demonstrates a clear commitment by IBRO to support open research principles, contributing to its mission by supporting the dissemination of scientific knowledge globally in an equitable manner.

The year 2022 saw the publication of two new volumes of *IBRO Neuroscience Reports*, which attracted a large increase in the number of submissions. As a result, an increased number of accepted articles, compared with 2021 were seen over the year. The Special Issue on Neuroscience in Africa, guest-edited by Prof. James O. Olopade, brought together 22 manuscripts and was finalized for publication in 2022. Further, we launched two Special Issues on Neural Plasticity in Health and Disease, as well as Neuroscience

in the Asia-Pacific Region; the latter being a new addition to our regionally-focused neuroscience series. We are also delighted to highlight two volumes in a Mini Series, which aim to bring together scientific contributions from early career neuroscientists who have previously attended IBRO Schools and received IBRO grants. These two volumes for Latin America and Asia Pacific, respectively, were launched in 2022.

In 2023, we will collaborate with the Federation of Asian-Oceanian Neuroscience Societies for two Special Issues. In collaboration with the IBRO Early Career Committee, two additional volumes of the Mini Series will be opened for contributions from early career neuroscientists worldwide. We will continue to engage with the broader community at meetings and events throughout the year and in particular look forward to meeting the IBRO community at the World Congress in September 2023.

Ying-Shing Chan, PhD, *IBRO Neuroscience Reports* Editor-in-Chief



An Hoang Minh Anh, co-author of
“Investigating the Effect of Mindfulness-Based Stress Reduction on Stress Level and Brain Activity of College Students”

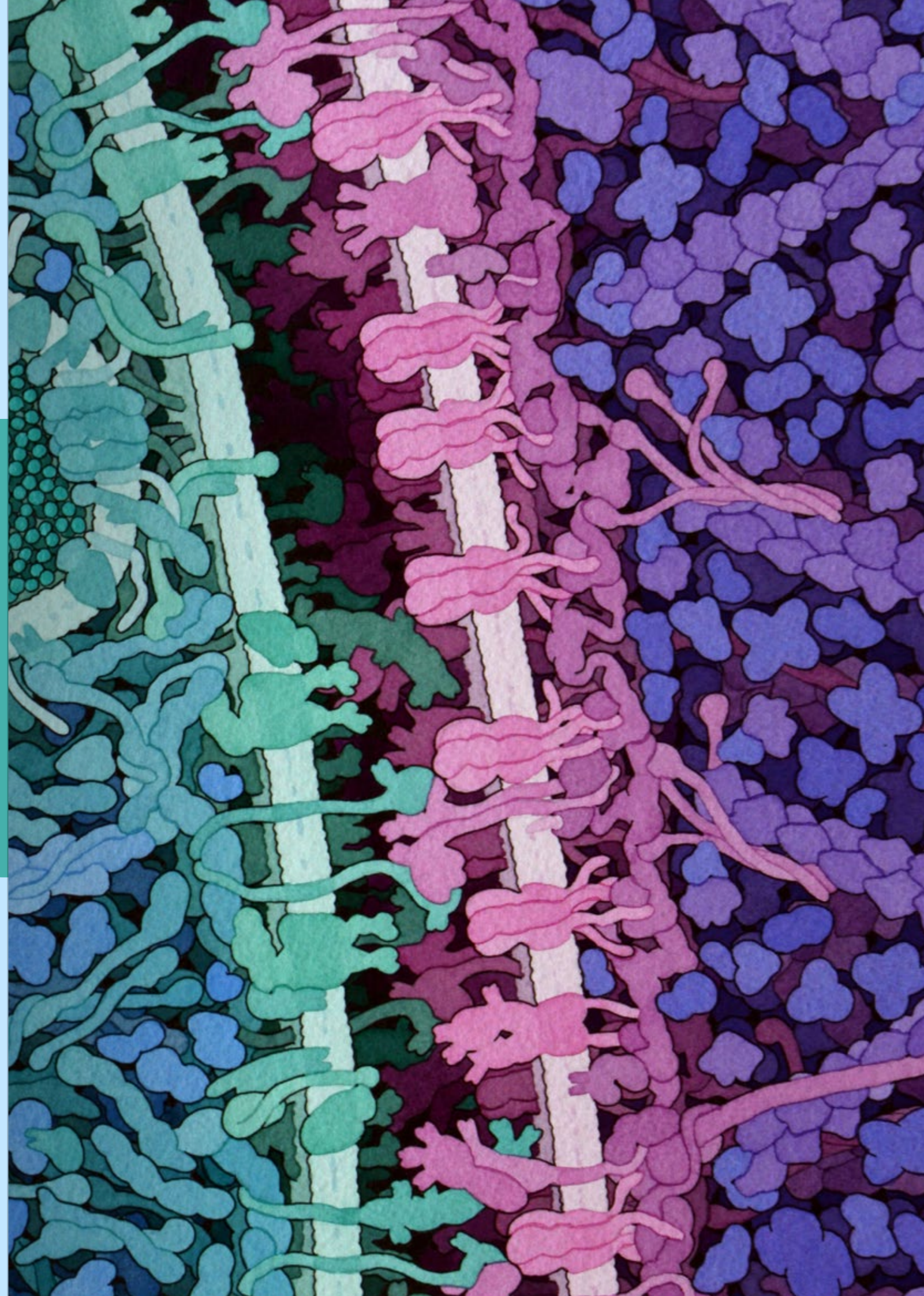
“This was my first time publishing a scientific paper with IBRO Neuroscience Reports! The entire process was efficient and smooth. Thanks to this experience, I improved my reasoning ability and I am more confident at applying my academic knowledge in practical research, while interpreting and addressing all the concerns of the reviewers. Moreover, I really appreciated the direct and constructive feedback from the reviewers that improved the quality and logic of our manuscript.”

IBRO

Financial report

Guided by its mission and strategic goals, IBRO uses its funds to best match the needs of the neuroscience community.

Illustration by David S. Goodsell, RCSB Protein Data Bank.
doi: 10.2210/rcsb_pdb/goodsell-gallery-016



IBRO

Financial report

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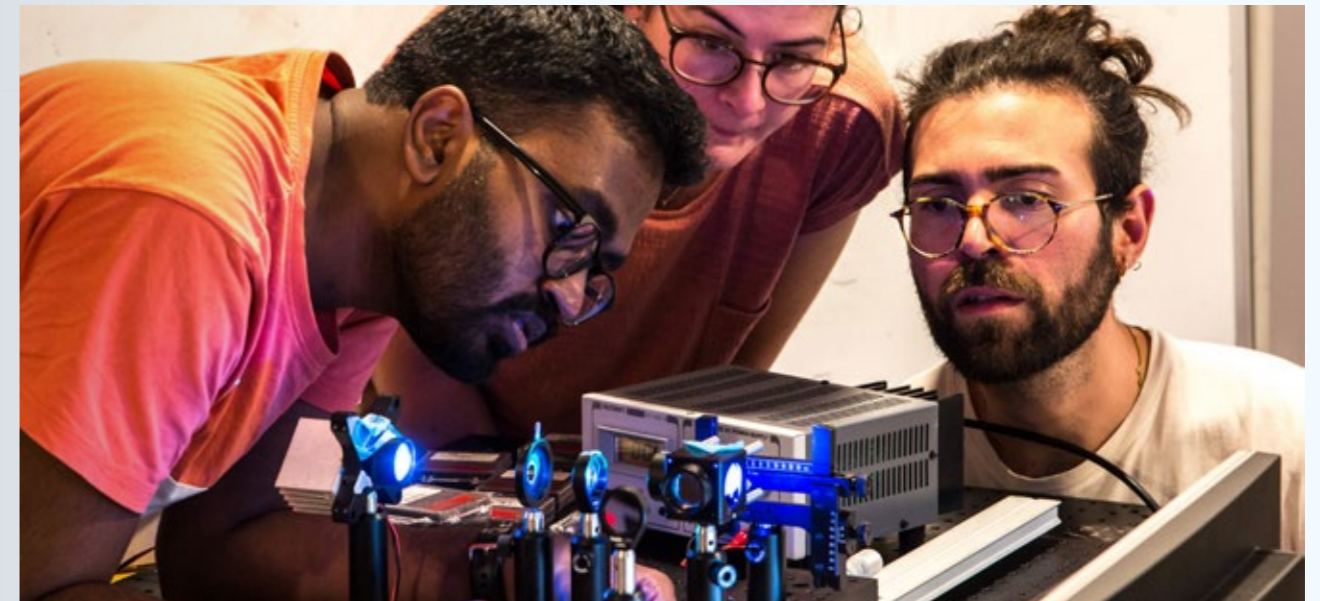
Jerome Sanes, PhD, IBRO Treasurer

With its 2022 annual budget of €3.26M, IBRO serves as an independent non-profit association that aims to support research careers and elevate neuroscience research in an impactful and equitable manner. The financial stability and programmatic foci of the association are principally supported via a few substantial streams of income, including from IBRO's journals and its global memberships. An investment portfolio is envisioned to gradually serve as an endowment and provide a buffer to fund IBRO's programs in the long term, as income opportunities likely shift, making income diversification increasingly important.

Stable income over the last decade has allowed IBRO to define how we work and prioritize funding for grant programs and scientific support initiatives. A €3M+ annual budget remains a foreseeable target for IBRO's mission, which we seek to achieve with careful management, where transparency and accountability remain cornerstones for IBRO in all endeavors. The Executive Committee, in line with the stated mission and strategic objectives of the association, is responsible for approving IBRO's annual funding and its provisions, as well as its investment profile. The Finance Committee, chaired by the IBRO Treasurer, Jerome Sanes, advises the Executive Committee.

Financial year 2022

In 2022, IBRO resumed funding of global and regional grants, programs and activities at pre-COVID-19 pandemic levels. Accordingly, support for IBRO programs, grants and training activities in 2022 was considerably higher compared to 2021 levels. Combined, the value of supported initiatives and programs was €1.92M for the year. As travel restrictions were increasingly removed throughout 2022, IBRO's representation and engagement with the scientific community, including that of IBRO's two journals, was fortunately also possible.



TENNS Summer School 2022. © Raul Cristian Muresan

Despite a stable income from membership and an increase in other income from partnerships, decreased income from the publication of IBRO's two journals, combined with fluctuations in Pound-Sterling-Euro exchange rates, resulted in a meaningful reduction of 9.5% in IBRO's total realized annual income in 2022, when compared to 2021. This outcome, however, did not negatively impact the planned and implemented programming for the year.

Consolidation of partnerships and diversification of IBRO's income

Following the COVID-19 pandemic, the consolidation of IBRO's position as a visible global leader for equitable and diverse support of the neuroscience community was a strong priority in 2022. This effort built on the resilient lead-

ership during the preceding challenging years, combined with renewed strong commitments towards regional and global engagement, centered around efficient communication about IBRO's values and priorities. In this vein, global and regionally-based partnerships with other organizations increasingly represent strategic goals for IBRO. Such partnerships bring cohesion and stability for important initiatives and often leverage IBRO's own funding towards specific mission goals.

In 2022, several partnerships were revised and consolidated under new agreements, providing a stable foundation for continued high impact funding combined with high visibility for IBRO's values and priorities. This effort will be continued in the coming years as IBRO strives to expand its reach and impact through new partnerships and diversified income.

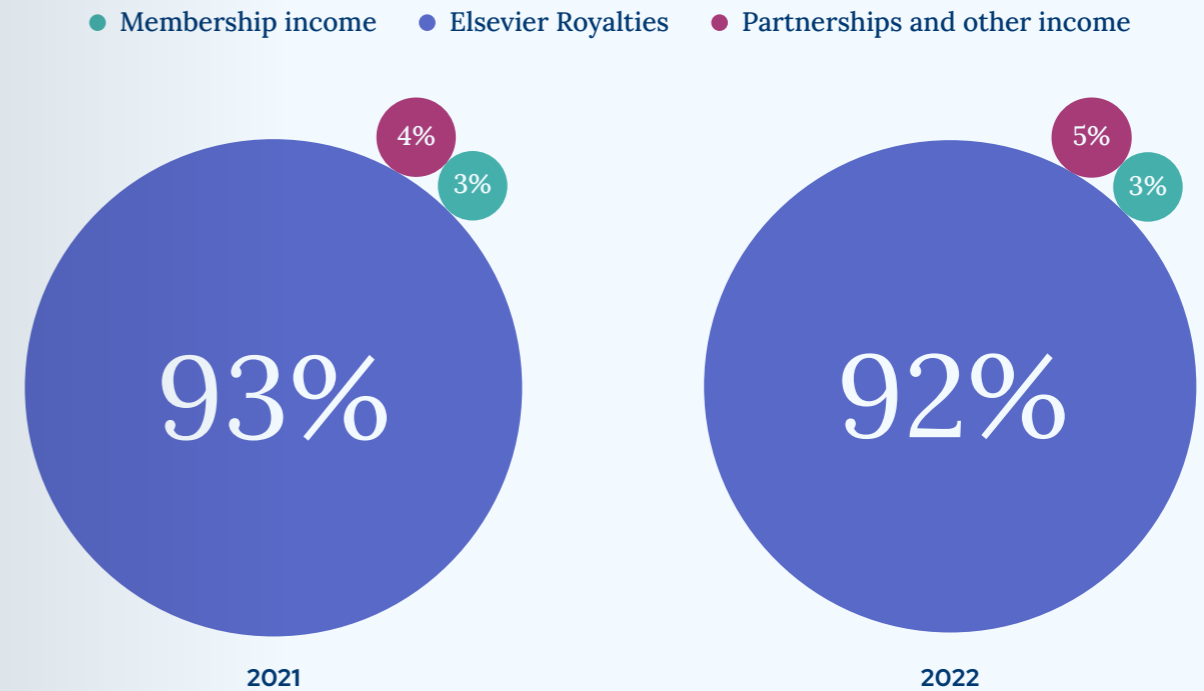
INCOME

Item	2021	2022
Elsevier royalties	€ 3,350,552	€ 2,999,832
Membership income	€ 89,696	€ 87,055
Partnerships	€ 87,183	€ 80,359
Other income	€ 70,406	€ 94,850
2022 total income	€ 3,597,837	€ 3,262,096

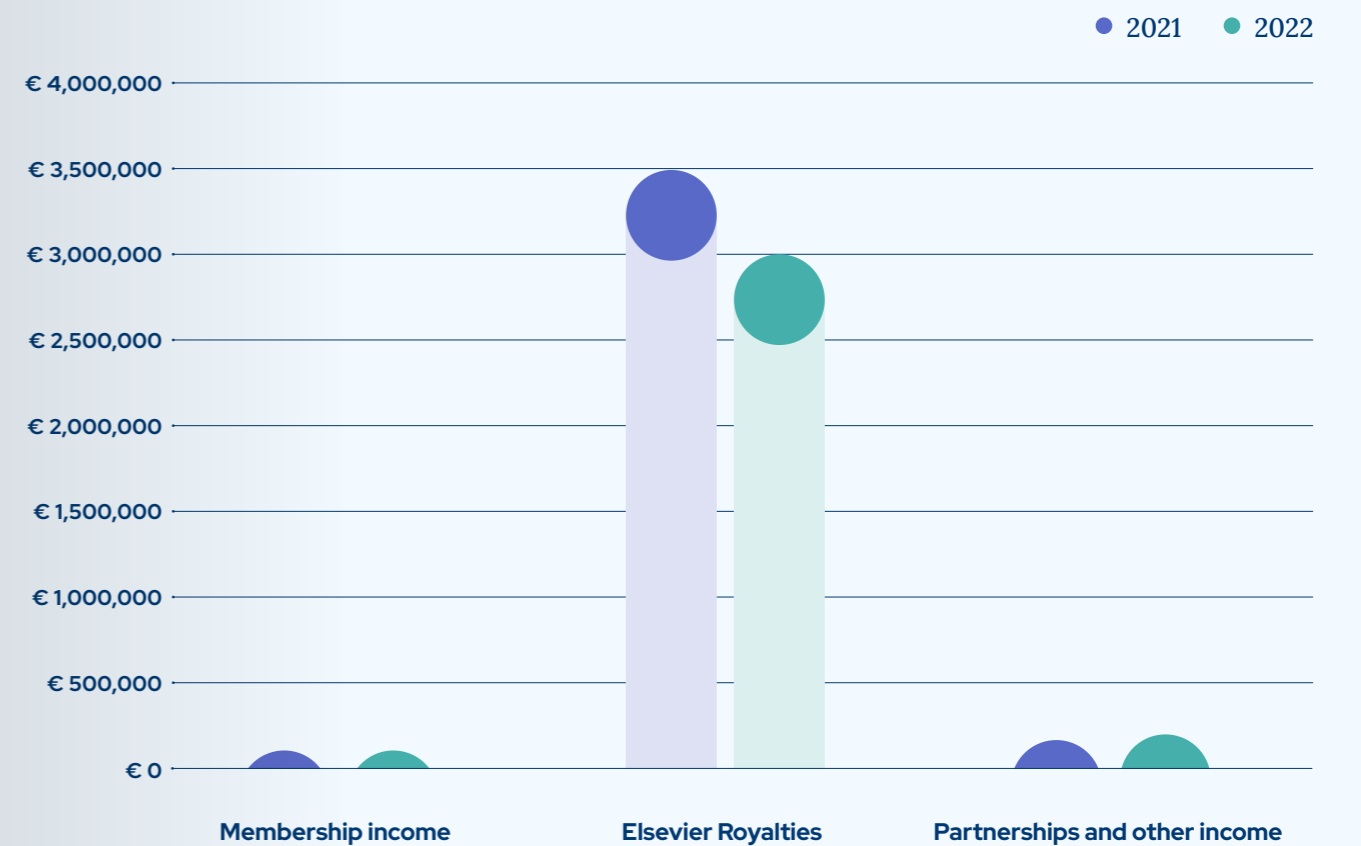
EXPENSES

Item	2021	2022
Program support	€ 659,330	€ 835,686
Grants and stipends	€ 567,813	€ 832,194
IBRO office and administration	€ 748,912	€ 705,791
Networks, training and memberships	€ 203,961	€ 246,274
Travel and meeting costs	€ 10,562	€ 132,926
Consultancy and accounting	€ 111,945	€ 121,405
Journal costs	€ 20,064	€ 64,868
Promotion and representation	-	€ 30,682
Unforeseen costs incl. charitable donations	-	€ 85,000
Other overheads and fees	€ 9,042	€ 15,620
2022 total costs	€ 2,331,629	€ 3,070,446
End of year surplus/deficit	€ 1,266,208	€ 191,650

IBRO INCOME

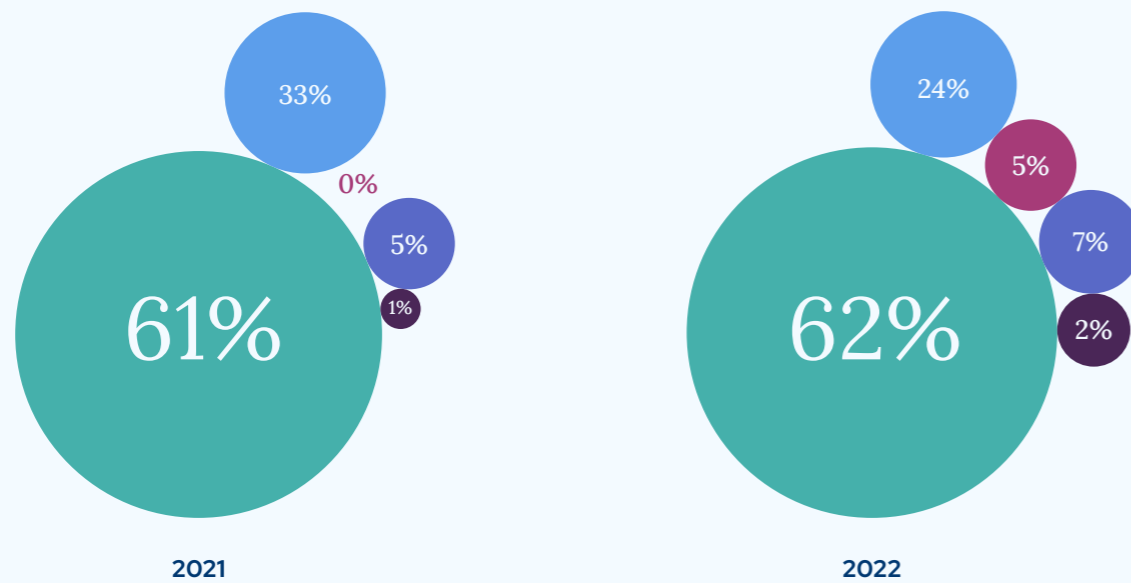


IBRO INCOME



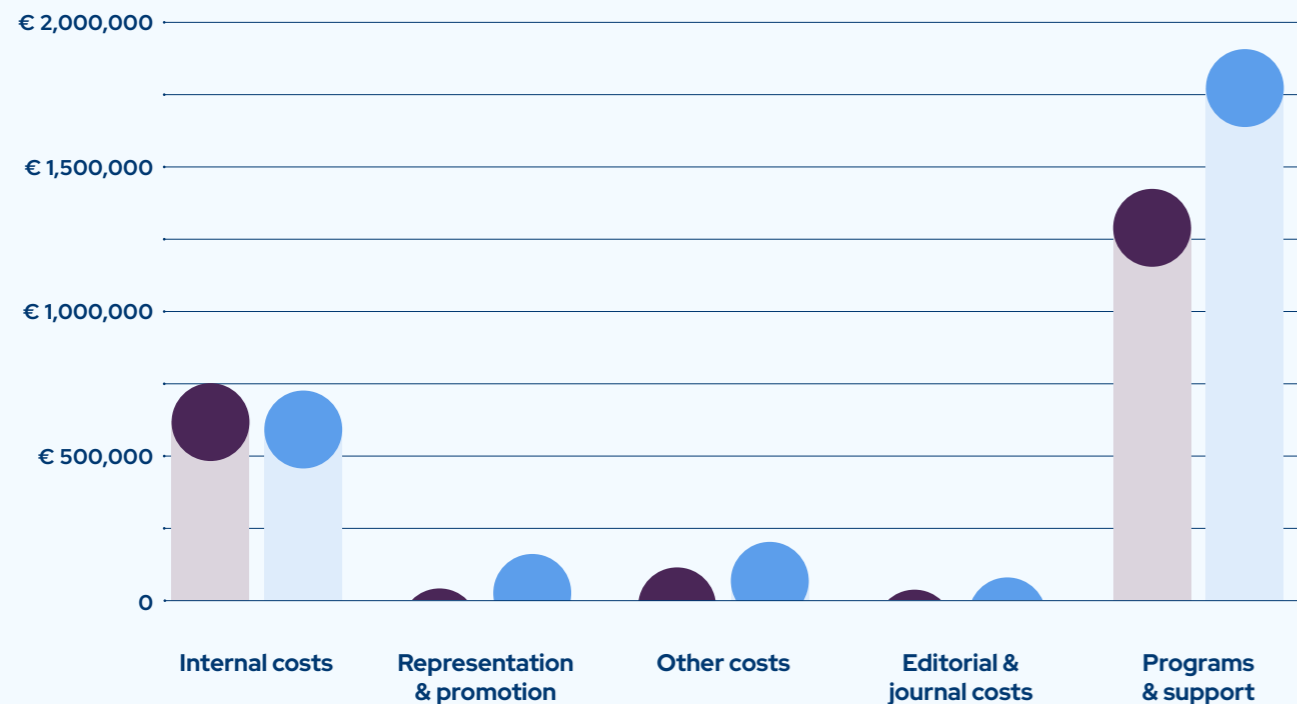
IBRO EXPENSES

- Internal costs
- Representation & promotion
- Other costs (including donations)
- Editorial and journal costs
- Programs and support



IBRO EXPENSES

- 2021
- 2022



Postdoctoral Knowledge and Skills to Sustain Neuroscience Capacity in Africa. © Desire Tshala-Katumbay

IBRO Investments

The investment strategy for IBRO endowments is established by the Finance Committee. Bernstein Alliance, a US-based private investment broker company, manages IBRO's investments and advises the Treasurer and the Finance Committee.

In 2021-2022, IBRO rebalanced its investments toward a roughly equal distribution across vehicles denominated in US dollars and Euros. Furthermore, IBRO modestly increased the risk profile of its investment portfolio, albeit still well within a conservative strategy of risk-mitigation, return seeking and diversification. IBRO also increased its investments in companies with an increased Environmental, Social,

and Governance (ESG) profile. The Finance Committee considers that ESG investments offer attractive financial returns, while at the same time better aligning with IBRO's values, including the need to focus on important environmental and sustainability objectives.

In line with the global market, the invested endowment of IBRO, in USD and EUR, experienced a combined loss of around 14.5% in 2022 due to generalized, global uncertainty and instability. It is noteworthy that the decline in IBRO's investment accounts was less than that of standard indices, such as the Dow Jones Industrial Index. In spite of this decline, the IBRO Finance

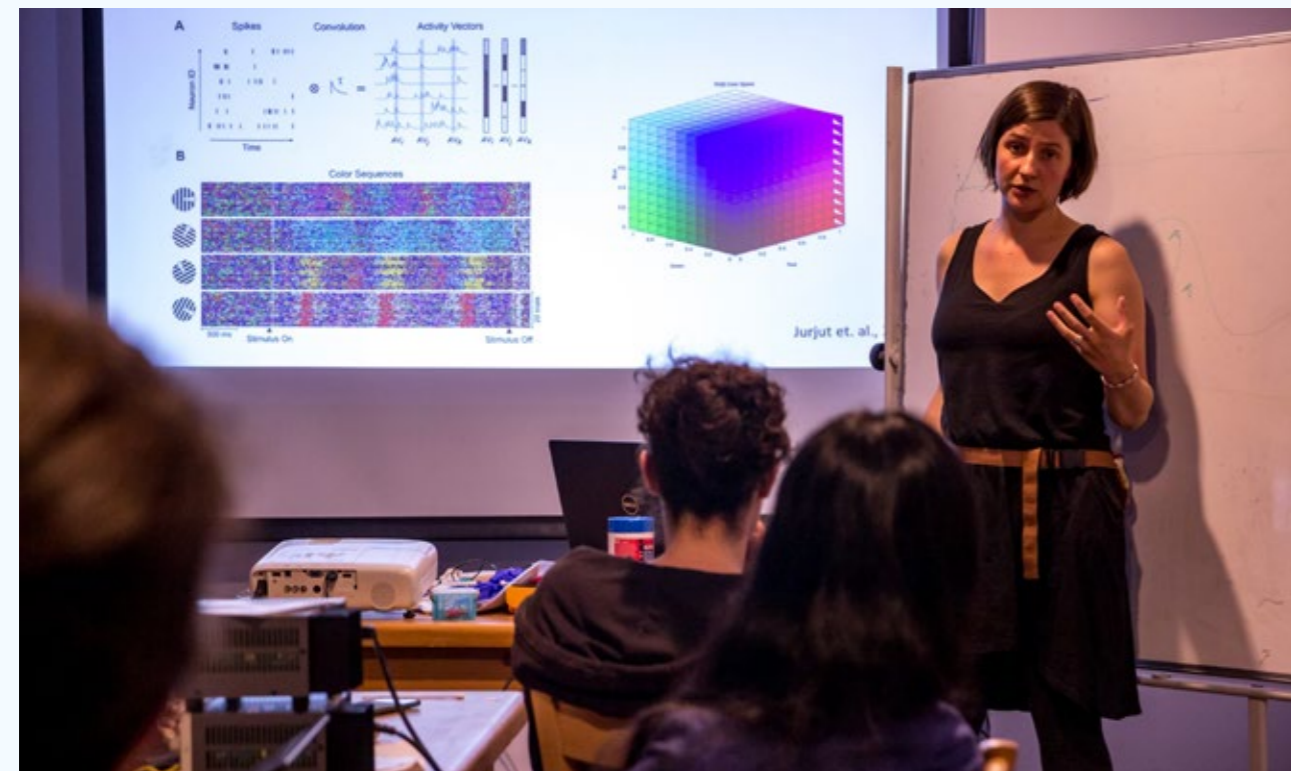
Committee does not currently envisage a change in the underlying investment strategy for the coming years, which includes a gradually increased risk profile towards 50% in return-seeking funds.

IBRO leadership has a long-term goal to establish the endowment of IBRO at a level that will allow the organization to

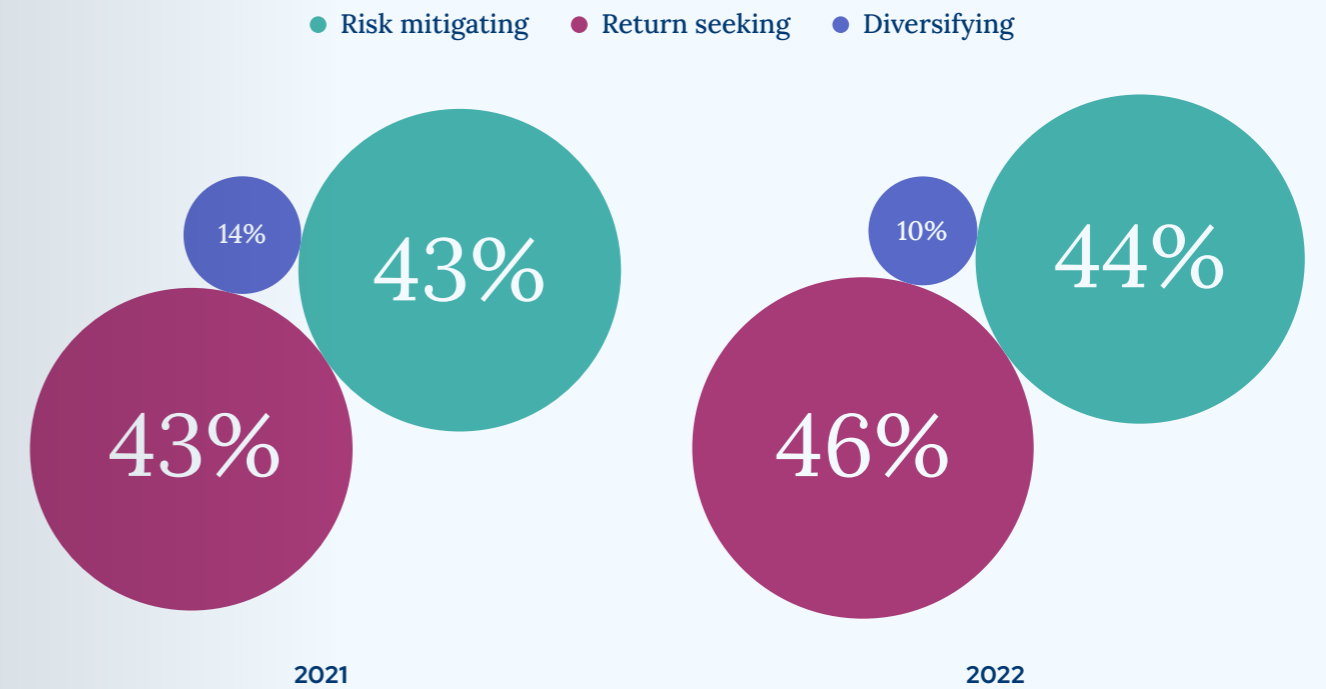
sustain and develop its programming and strategic support of the global neuroscience community in a manner that is increasingly independent of publication derived income. Achieving this goal will require continued growth of the endowment, but will also entail modest withdrawals from the investments, as needed, to support the continued global position and impact of IBRO.

INVESTMENT RISK MANAGEMENT

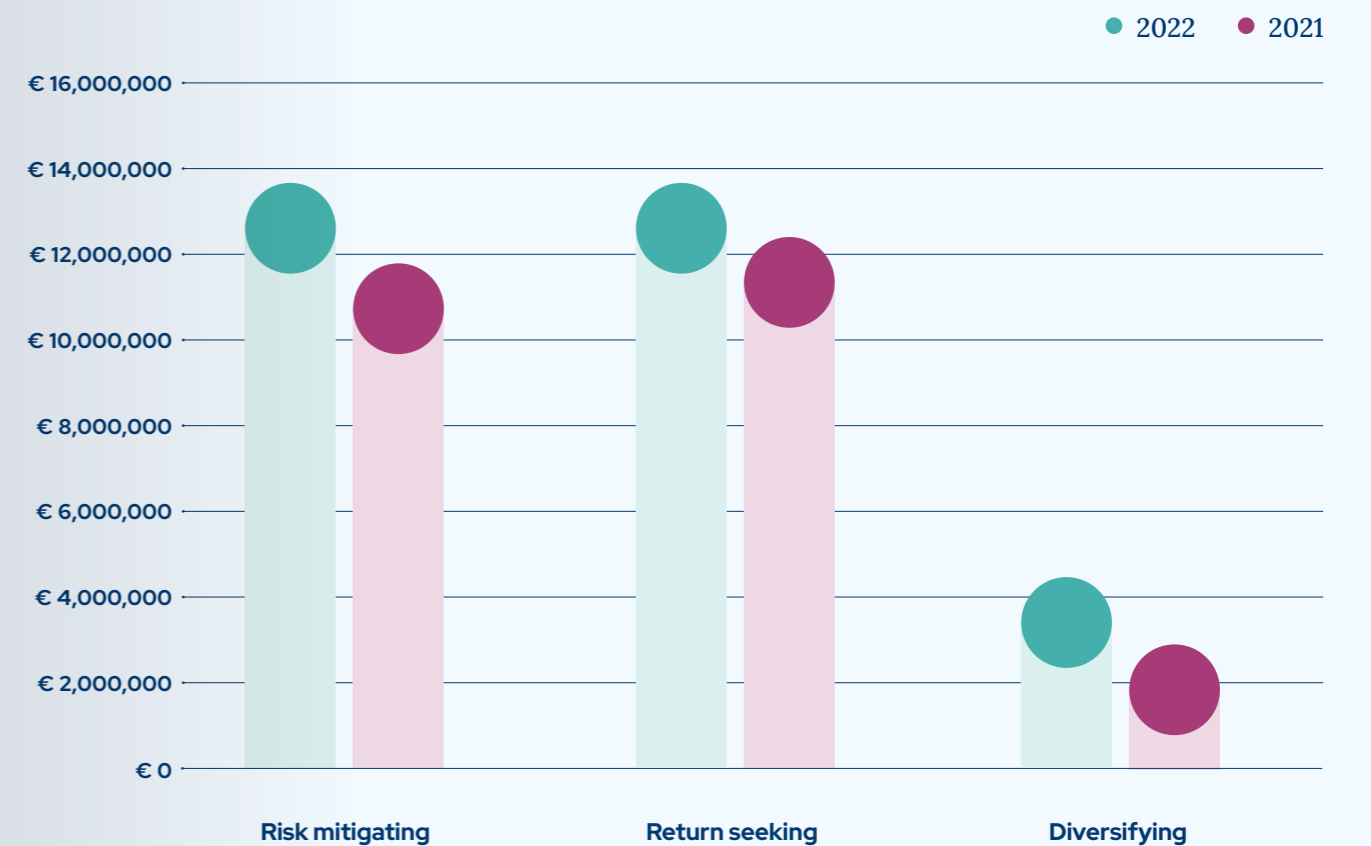
Item	2021	2022
Risk mitigating	€ 13,659,971	€ 11,838,855
Return seeking	€ 13,651,566	€ 12,392,281
Diversifying	€ 4,366,825	€ 2,821,845



PORTFOLIO DISTRIBUTION (EUR)



PORTFOLIO DISTRIBUTION (EUR)



IBRO

On the horizon

In 2023, through its innovative programs and the IBRO 2023 World Congress, IBRO will continue working to make the neuroscientific endeavor more impactful and inclusive.

Illustration by David S. Goodsell, RCSB Protein Data Bank.
doi: 10.2210/rcsb_pdb/gallery-gallery-016



IBRO

On the horizon

5

IBRO will continue to support researchers around the world through its innovative career development framework, ensuring that its core values continue to guide the entirety of its training and funding opportunities, with a focus on long-term impact.

As I look back on 2022, I am struck by the incredible strength of our IBRO community. Our network of roughly 90,000 neuroscientists around the world represents a real lever for change, and I would like to thank all our members, partners, leadership and the wider community for your continued engagement and dedication to IBRO's mission to make the neuroscientific endeavor more impactful and inclusive.

2023 will be another exciting year for IBRO. I personally cannot wait for the IBRO 2023 World Congress that will bring together the IBRO global community in-person for the first

time in four years. The latest scientific developments, thought-provoking debates, a unique program of special events, including the Presidential Panel "*Brain Health in Times of Global Challenges*," all against the backdrop of beautiful Granada! Not to be missed.

And of course, throughout the year, IBRO will continue to support researchers around the world through its innovative career development framework, ensuring that its core values continue to guide the entirety of its training and funding opportunities, with a focus on long-term impact. A range of new and long-standing partnerships



will complement this framework, enabling IBRO to widen its support and encompass new mentoring projects, develop regional and global networking opportunities, and tackle topical issues facing neuroscientists around the globe.

I wholeheartedly encourage everyone in the global IBRO community to continue

sharing your ideas and suggestions with us, to help us as we strive to meet the needs of neuroscientists around the world. I look forward to seeing you in Granada for a celebration of global neuroscience!

Tracy L. Bale,
PhD, IBRO President

IBRO Leadership

Officers



PRESIDENT (2020–2025)
Tracy L. Bale
University of Colorado, Anschutz Medical Campus
USA



SECRETARY-GENERAL (2020–2023)
Sung-Jin Jeong
Korea Brain Research Institute
South Korea



TREASURER (2020–2025)
Jerome Sanes
Brown University
USA



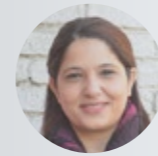
SECRETARY-GENERAL ELECT (2023; 2024–2025)
Giuseppe Di Giovanni
University of Malta
Malta



AFRICA Regional Committee



Desiré Tshala-Katumbay
(Chair, 2019–2024)
University of Kinshasa; Oregon Health and Science University
Democratic Republic of Congo; USA



Amira Zaky
(2016–2023)
Alexandria University
Egypt



Athanase Millogo
(2021–2023)
University of Ouagadougou
Burkina Faso



Bamidele Victor Owoyele
(2021–2023)
University of Ilorin
Nigeria



Esperance Kashala-Abotnes
(2021–2023)
University of Kinshasa; University of Bergen
Democratic Republic of Congo; Norway

AFRICA Regional Committee



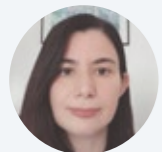
Khalid El Allali
(2022-2024)
Hassan II Veterinary and Agronomy Institute of Rabat
Morocco



Mohamed Salama
(2022)
Mansoura University
Egypt



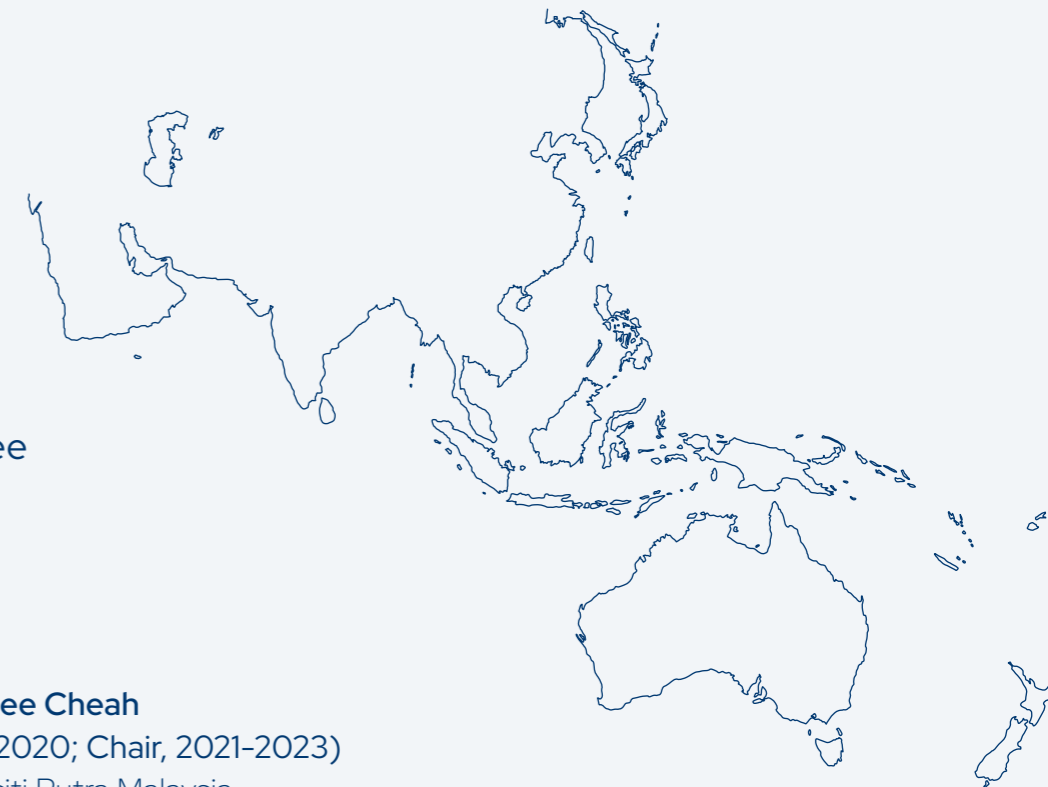
Rachael Dangarembizi
(2022-2024)
University of Cape Town
South Africa



Samia Ben Sassi
(2022)
University Tunis El Manar
Tunisia



Thomas Tagoe
(2019-2024)
University of Ghana
Ghana



ASIA-PACIFIC
Regional Committee



Pike-See Cheah
(2017-2020; Chair, 2021-2023)
Universiti Putra Malaysia
Malaysia



Abbas Haghparast
(2022-2024)
Shahid Beheshti University of Medical Sciences
Iran



Aurnab Ghose
(2019-2024)
Indian Institute of Science Education and Research
India



Battuvshin Lkhagvasuren
(2019-2024)
Mongolian National University of Medical Sciences
Ulaanbaatar, Mongolia
Mongolia



Bronwyn Kivell
(2021-2023)
Victoria University of Wellington
New Zealand

ASIA-PACIFIC Regional Committee



Karem Alzoubi
(2022)
Jordan University of Science and Technology
Jordan



Mohammad Herzallah
(2022)
Palestinian Neuroscience Initiative
Palestine



Seungbok Lee
(2022-2024)
Seoul National University
South Korea



Tadashi Isa
(2017-2023)
Kyoto University
Japan



Yukiko Goda
(2021-2023)
Okinawa Institute of Science and Technology Graduate University
Japan

LATIN AMERICA
Regional Committee



Adrian Palacios
(2017-2020; Chair, 2020-2023)
University of Valparaíso
Chile



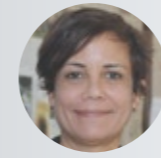
Ana Silva
(2021-2023)
University of the Republic
Uruguay



Carolina Escobar-Briones
(2021-2023)
National Autonomous University of Mexico
Mexico



Elaine Del-Bel
(2021-2023)
University of São Paulo
Brazil



Gabrielle Britton
(2021-2023)
Institute of Scientific Research and High Technology Services of Panama
Panama

LATIN AMERICA Regional Committee



George E. Barreto
(2022-2024)
University of Limerick
Ireland; Colombia



Gustavo Murer
(2017-2023)
Institute of Physiology and Biophysics, University of
Buenos Aires School of Medicine; CONICET
Argentina



María Julia Cambiasso
(2022-2024)
Universidad Nacional de Córdoba
Argentina

PAN-EUROPE
Regional Committee



José Luis Lanciego Perez
(2020-2022; Chair, 2023-2025)
Center for Applied Medical Research, University of Navarra
Spain



Ana-Maria Zagrean
(2018-2024)
Carol Davila University of Medicine and Pharmacy
Romania



Arleen Salles
(2022-2024)
Uppsala University, Center for Research Ethics and Bioethics
Sweden



Emmanuel Valjent
(2020-2022)
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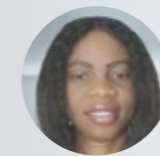


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