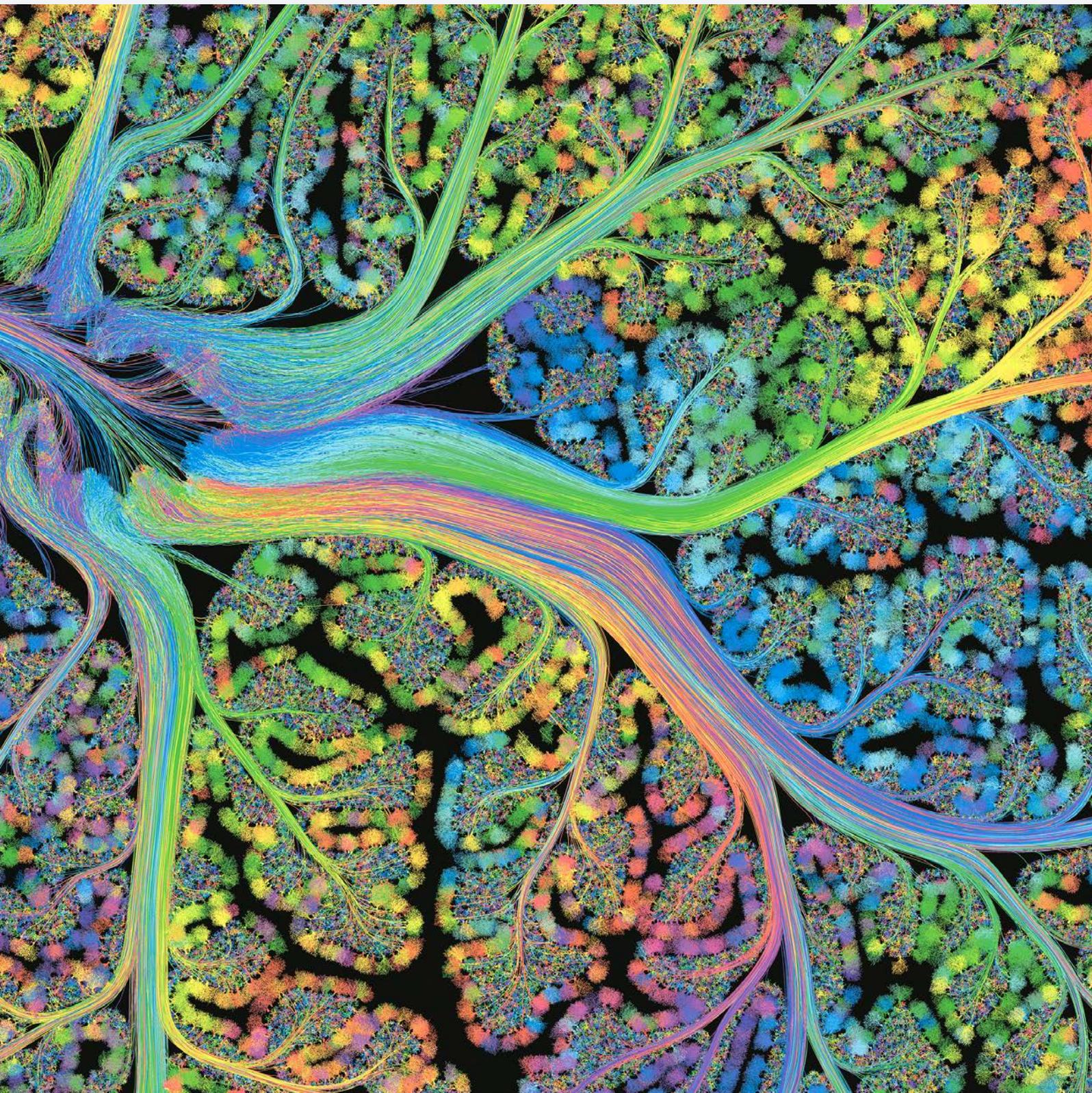




ANNUAL REPORT

2020



IBRO aims to be a global leader for international collaboration and eminent training, with a unique and strong focus on values of inclusion, equity and diversity in neuroscience across the world's regions. It is a frontrunner in the global promotion of excellence and rigor in neuroscience education, training, and research that is innovative, impactful, and significant.

IBRO Mission & Strategic Plan
(2020-2025)



IBRO extends a special thanks to **Greg Dunn** who has generously provided images for this Annual Report. Dunn has a PhD in neuroscience, and fuses art and science together through his extraordinary paintings and reflective microetchings. Explore more of his neuro art at www.gregadunn.com

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IBRO

The President's Message

'This publication sets an important precedent for the years to come as it reflects on our newly stated commitment to ensure transparency, accountability, equity, inclusion and diversity across all of our programs and activities.'

Prof. **Tracy L. Bale** IBRO President



It is with great excitement that I welcome readers to IBRO's 2020 Annual Report, the first such report that covers our past year's performance and impact. This publication sets an important precedent for the years to come as it reflects on our newly stated commitment to ensure transparency, accountability, equity, inclusion and diversity across all of our programs and activities. The report also celebrates the numerous achievements of IBRO's global neuroscience community, and it recognizes the invaluable efforts of our volunteer leadership, membership, partners, grantees and dedicated staff.

I would also like to highlight that our global accomplishments would not be possible

without the revenue generated from our flagship hybrid journal, *Neuroscience*. In addition, its fully open access companion journal, *IBRO Neuroscience Reports* expresses IBRO's commitment to diversify its development and support of open access publication and research. I applaud our journal editors, reviewers, authors and publisher (Elsevier) for their roles in helping ensure that IBRO attains a sustainable and productive future as well as long-term stability for all our global programs.

2020 was an incredibly difficult year around the world, and IBRO's global neuroscience community was forced to accept a new 'normal'. The COVID-19 pandemic ushered in unprecedented challenges that affected

every aspect of our lives. The SARS-CoV-2 coronavirus threatened human welfare everywhere, and it halted much research, training, education, and professional development. For IBRO, most schools and activities were cancelled or postponed, and all meetings were eventually moved online. The new 'normal' turned much of our work into virtual reality, where "working from home" most often meant transforming our homes into our offices, which yielded vastly increased demands on our time and attention.

Despite the tragedies that befell so many and the incredible stress we have continued to endure, there was also extraordinary progress made through the resilience and determination of researchers around the world. Scientists rapidly developed treatments, technical solutions, and by the end of the year, a selection of vaccines that would help reduce relentless hospital admissions and fatalities. We saw IBRO community members establish new hybrid protocols for lab work, finish and submit manuscripts, and expand new research into COVID-19 and its effects on the brain. In addition, our community members offered their support to establish new testing, treatment and research centers, and

transform courses for online delivery so that education and training could continue.

We refused to stand still. In fact, there were many important organizational firsts achieved in 2020. I started my first year as the first female president of IBRO since its foundation in 1961. Core leadership worked together to carry out IBRO's first exhaustive external review and produced the organization's first Strategic Plan and set of core values. The IBRO Officers, Regional Committees, Young IBRO and Governing Council Members met together online for the first time to reflect deeply on the organization's achievements and identify areas of improvement so it could emerge stronger and more united after the pandemic.

There is still much more work to be done, but there is hope to keep us strong. The inspiring commitment of IBRO's global neuroscience community in the face of such incredible adversity should convince us all that we will not only survive but flourish as we continue to work together.

Prof. **Tracy L. Bale** IBRO President

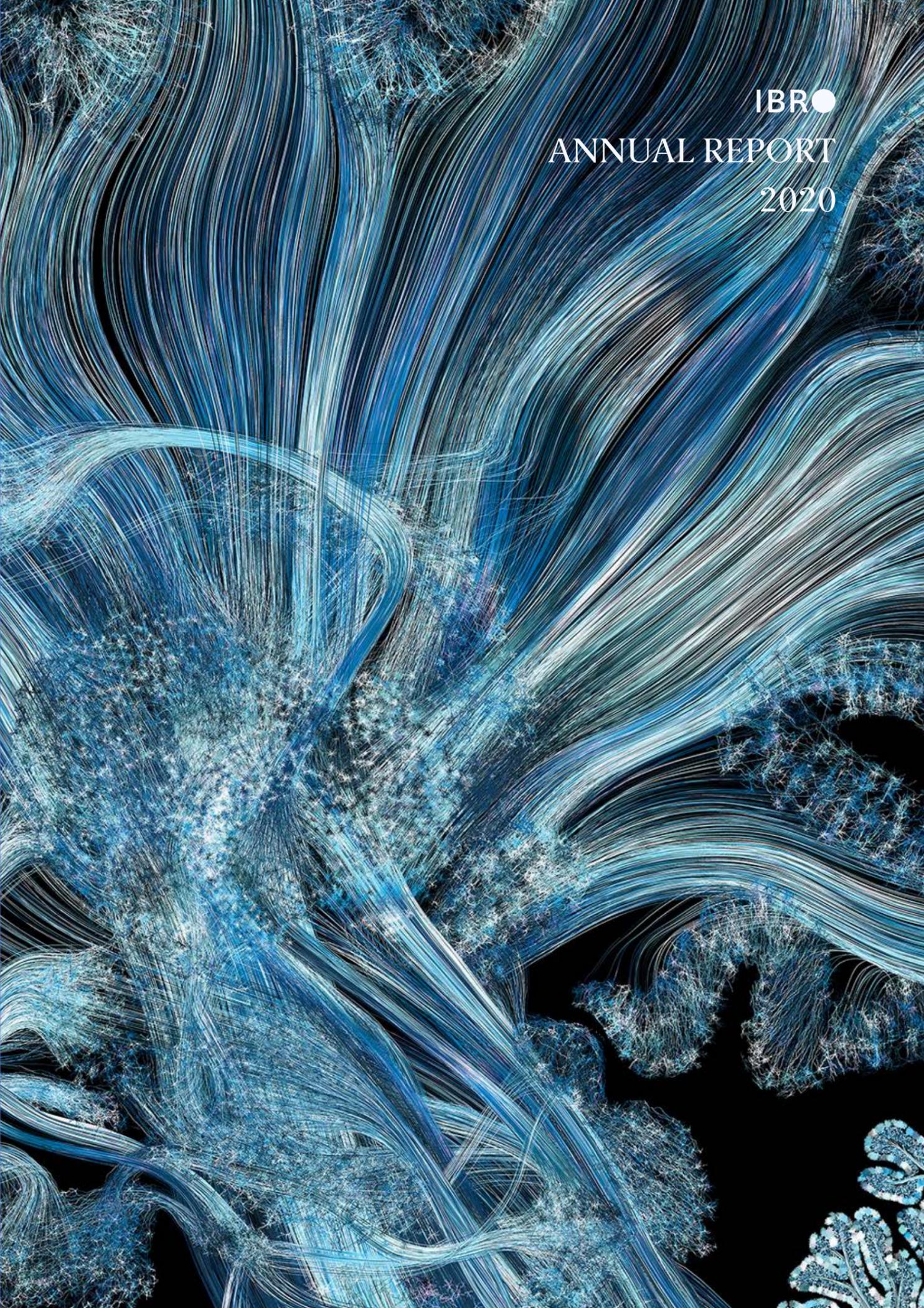
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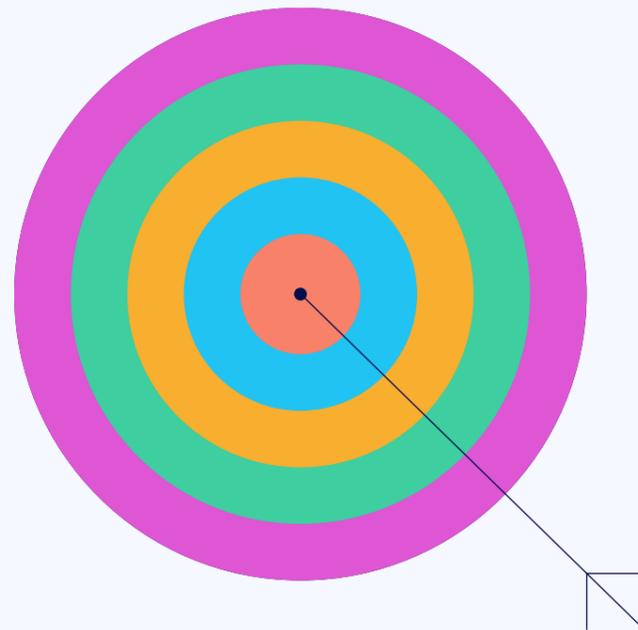
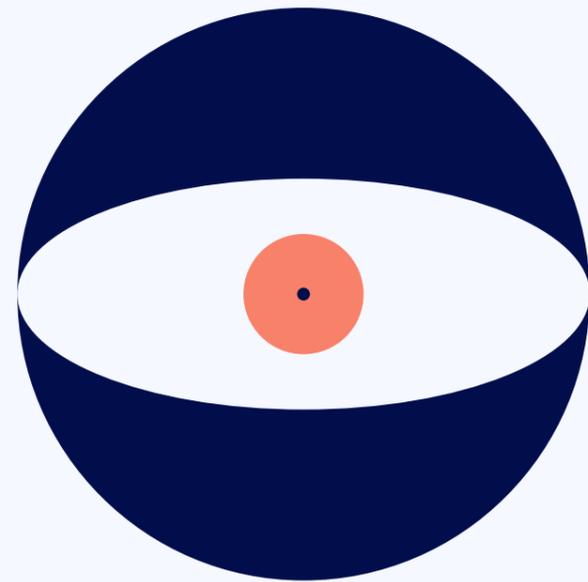
IBRO
Foundations

International Brain Research Organization

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2020



IBRO Foundations



VISION

IBRO strives to be a global leader for international collaboration and eminent training, with a unique and strong focus on values of inclusion, equity and diversity in neuroscience across the globe. It also aims to be a frontrunner in the global promotion of excellence and rigor in neuroscience education, training and research that is innovative, impactful and significant.

MISSION

The IBRO mission is to support and promote basic scientific research worldwide that contributes to the understanding of normal and pathological brain functions. It also endeavors to develop, coordinate and promote scientific research and education globally in all domains that concern the brain, and to directly engage in these efforts.

CORE VALUES

IBRO serves the global neuroscience community guided by a set of core organizational values. As the world and its needs change, we acknowledge that these values remain constant, but the strategies and actions to enact them will require regular review.

Accountability

IBRO takes ownership and holds itself accountable for its actions and programs by communicating and acting transparently, respectfully, equitably and inclusively. This aim serves as the foundation of trust that binds the IBRO community together. IBRO strives to constantly improve and review its actions and progress.

Diversity

IBRO represents an independent global scientific network of member organizations, and respects and upholds the expression of this community's diversity. IBRO recognizes that respectful integration of different opinions, backgrounds, experiences, expertise, interests and perspectives, through healthy debate and discussion, are essential components to successfully implementing its mission.



Equity

IBRO strives to ensure equitable and inclusive access, participation and leadership in neuroscience. Prioritizing and creating opportunities for those who have no or limited access to resources, education, training, mentorship and financial support are central actions of IBRO.



Impact

The work of IBRO shall result in measurable impacts that can be evaluated with transparent and consistent metrics to ensure evidence-based development and advancement of operations and activities.



Inclusiveness

IBRO believes in a worldwide scientific community where everyone has the right to access, participate and benefit from global resources. Neuroscience has no borders and should serve to engage and inspire everyone, ensuring that human development and welfare are built collectively.



Integrity

IBRO upholds honest, open, equitable and respectful behavior and conduct. There is zero tolerance within the organization or entities supported by IBRO (with funding, in-kind or volunteer assistance) for sexual harassment, other harassing, bullying, condescending or patronizing behaviors, or discrimination and bias based on cronyism, nepotism, race, color, religion, ethnicity, age, gender, gender identity or expression, sexual orientation, geographical and national origins, genetics or disability.



Leadership

IBRO assumes the preeminent role as the global leader in the promotion and support of equitable, inclusive and sustainable neuroscience research, capacity building, partnership, engagement and advocacy. IBRO shall lead by example and work to empower community members to shape a better future for all.



Partnership

IBRO acknowledges that advancing neuroscience globally cannot succeed without shared goals and joint efforts. Working with other like-minded organizations based on transparent and mission-aligned programs, reduces individual burdens and duplication of efforts while increasing impact. Leveraging shared resources and taking collective action are essential for fair and sustainable growth in neuroscience.



Professionalism

IBRO strives to maintain the highest standards of professional behavior in all activities conducted by the organization, its representatives or by entities supported by IBRO. Integrity, honesty, patience and respect should be embodied and expressed towards all others in any aspect and activity of IBRO.



Quality

IBRO promotes and fosters excellence in neuroscience research, and maintains the highest standards for scientific rigor, measurable impact and inclusive, ethical neuroscience research and training through efficient and transparent use of IBRO funds.



Service

IBRO is a non-profit international association that is committed to serving the interests of its membership and the greater global neuroscience community with transparency, accountability, equity, inclusivity and integrity.



Sustainability

IBRO seeks to minimize the negative impact of its actions on the environment and human development. In doing so, IBRO will continue to implement concrete and relevant actions across its activities that align with the 2030 United Nations agenda for sustainable development and its 17 goals for all: No poverty; zero hunger; good health and well-being; quality education; gender equality; clean water and sanitation; affordable and clean energy; decent work and economic growth; resilient and inclusive industry, innovation and infrastructure; reduced inequalities; sustainable cities and communities; responsible consumption and production; climate action; conserve and sustainably use life below water; protect, restore and sustainably use and manage life on land; peace, justice and strong institutions; and building partnerships for attaining collective goals.

IBRO Strategic Plan (2020-2025)

Approved by the IBRO Governing Council in December 2020, IBRO's first strategic plan is rooted in the articulated vision and mission of IBRO and serves to guide and inspire current and future leadership in the continued development and impact of the organization. Within a 5-year horizon (2020-2025), the plan defines the overall direction of the organization, identifying short and

medium range objectives within four core operational pillars: Progressive career support; community building; advocacy and engagement; and the dissemination of research. They are reinforced through efficient financial and administrative support, using clear metrics, external reviews, transparent financial reporting, and through other relevant initiatives and actions.



Progressive career support

IBRO works to support global neuroscience training and research through a wide range of funding mechanisms that target progressive stages of career development and specific needs for exchange and training. The global aim of these efforts is to support scientific careers at different stages with targeted opportunities.

Community building

Through targeted programs, IBRO Regional Committees take initiatives to bring scientists together from the different world regions and build neuroscience communities. These regional actions help align IBRO's interests, mission and goals with those of other regional stakeholders to facilitate and strengthen networks of education, training, exchange, mentorship and communication across the world.

Development of foundational partnerships are strategic collaborations that are undertaken by IBRO's central administration to reinforce and develop IBRO's global leadership, visibility and impact. These relationships that are beyond the scope of one regional committee, ultimately enable IBRO to build global consensus and commitment to reinforce and ensure the long-term sustainability of its vision, mission and goals.

IBRO World Congresses support major collaborations with neuroscience societies around the world through the organization of an international congress once every four years.

Advocacy and Engagement

IBRO is committed to increasing awareness, understanding and support for brain research through regionally relevant and culturally sensitive actions that aim to empower and inspire scientific collaboration and increase awareness of scientific endeavors among policymakers and the public. Informing a broader audience about neuroscience helps to effect change, build respect and trust, bridge knowledge gaps and empower people with evidence-based data and information.

IBRO communications and public relations work focuses on developing and producing strategic, consistent, and effective messaging and branding to promote the organization and engage its global community members. Communications is the vehicle through which IBRO raises its visibility, relevance, and impact.

Dissemination of research

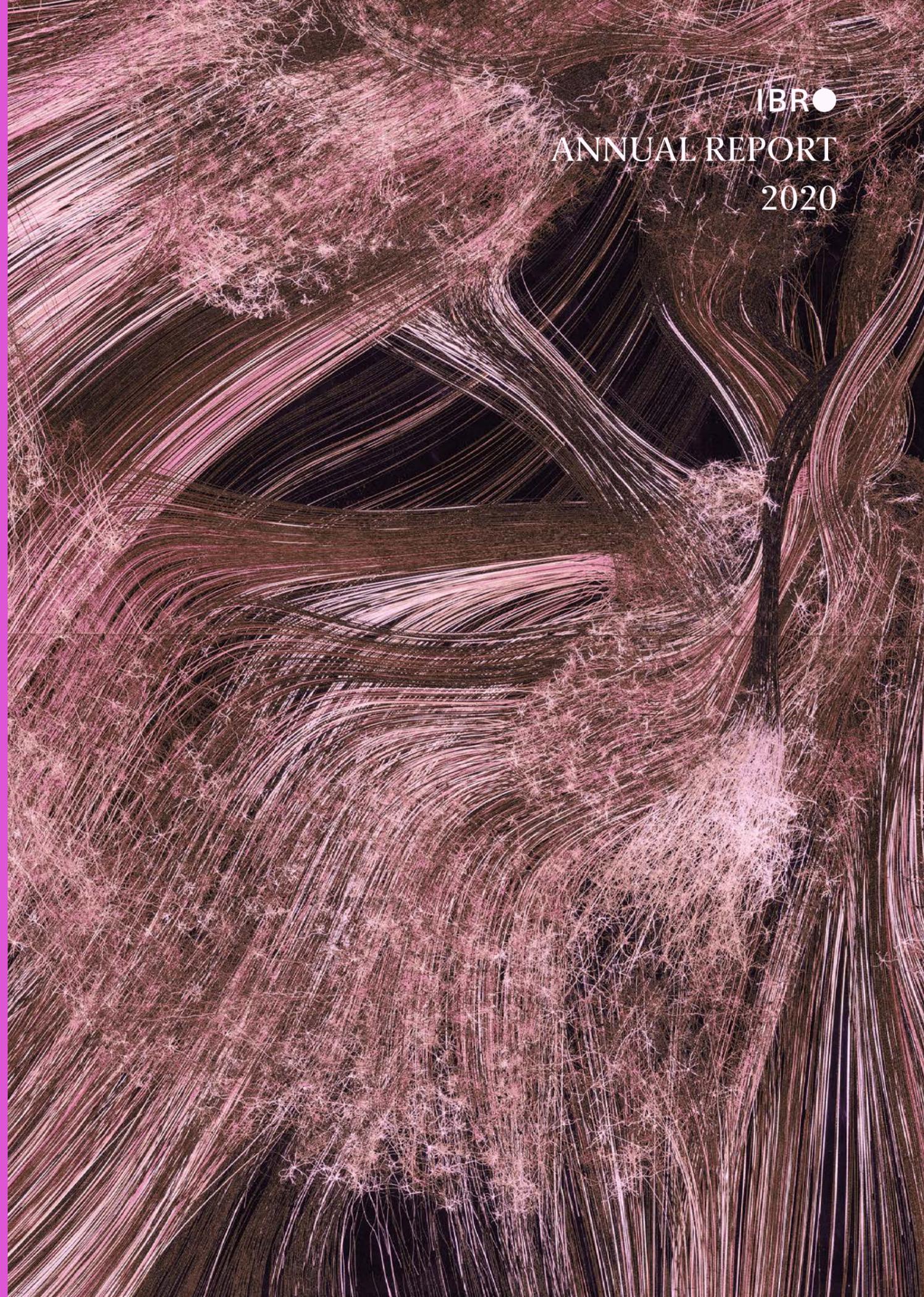
IBRO has an obligation to support dissemination of ethically and evidence-based research findings. Society publishing, i.e. publishing scientific papers through journals owned by a scientific society, is essential to secure transparent sharing of trustworthy research data generated by the scientific community. Scientific rigor, ethical procedures, and inclusive and transparent publication processes are cornerstones of IBRO's dissemination pillar.

2

IBRO Governance Structure

International Brain Research Organization

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2020



IBRO Governance Structure

IBRO governance brings together eminent neuroscience researchers and representatives of scientific organizations from around the world to leverage their collective pool of expertise, experience, and commitment in supporting the global advancement of brain research.

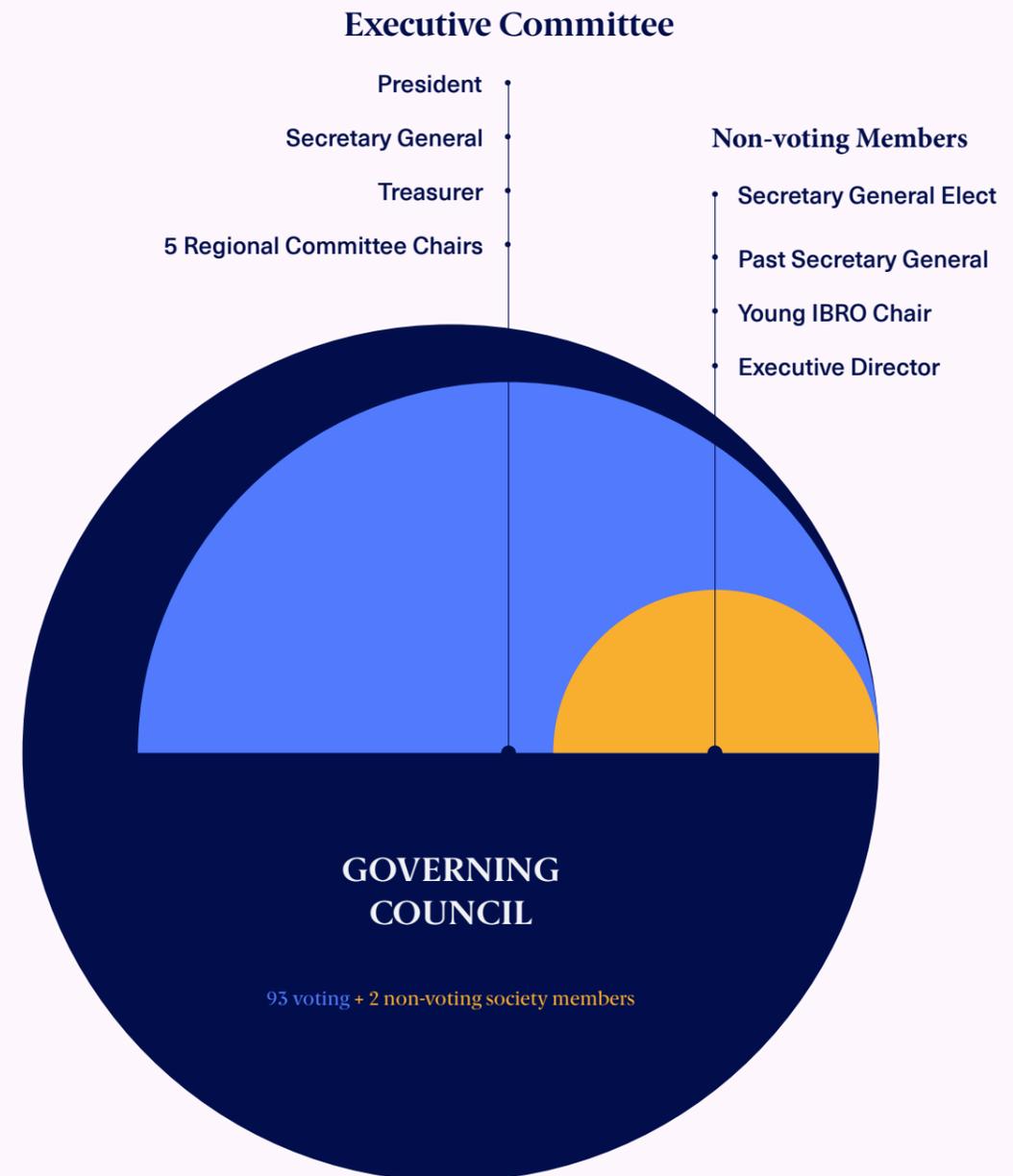
Nearly 100 international, national and regional scientific organizations constitute IBRO's Governing Council, which, together with the IBRO Executive Committee, the five IBRO Regional Committees and Young IBRO, address the needs and advance the work of individual scientists and research communities everywhere.



The IBRO Governing Council is the highest governing body of IBRO and is composed of Member Organization representatives as well as Executive Committee members. Guiding overall operations and development of the organization is the responsibility of the IBRO Executive Committee. It serves as the organization's core leadership and consists of IBRO's three officers - the President, Secretary General, and Treasurer - and the five chairpersons of the Regional Committees. Non-voting members include the Secretary General Elect, the Past Secretary General, the Young IBRO Chair and the Executive Director.

Other committees that contribute to IBRO leadership include Young IBRO, the global voice of early career neuroscientists, the Nominating Committee and the Finance Committee. Other ad hoc committees are appointed by the Executive Committee and serve targeted needs identified by IBRO leadership.

2nd CANADIAN
IBRO School of
Neuroscience.

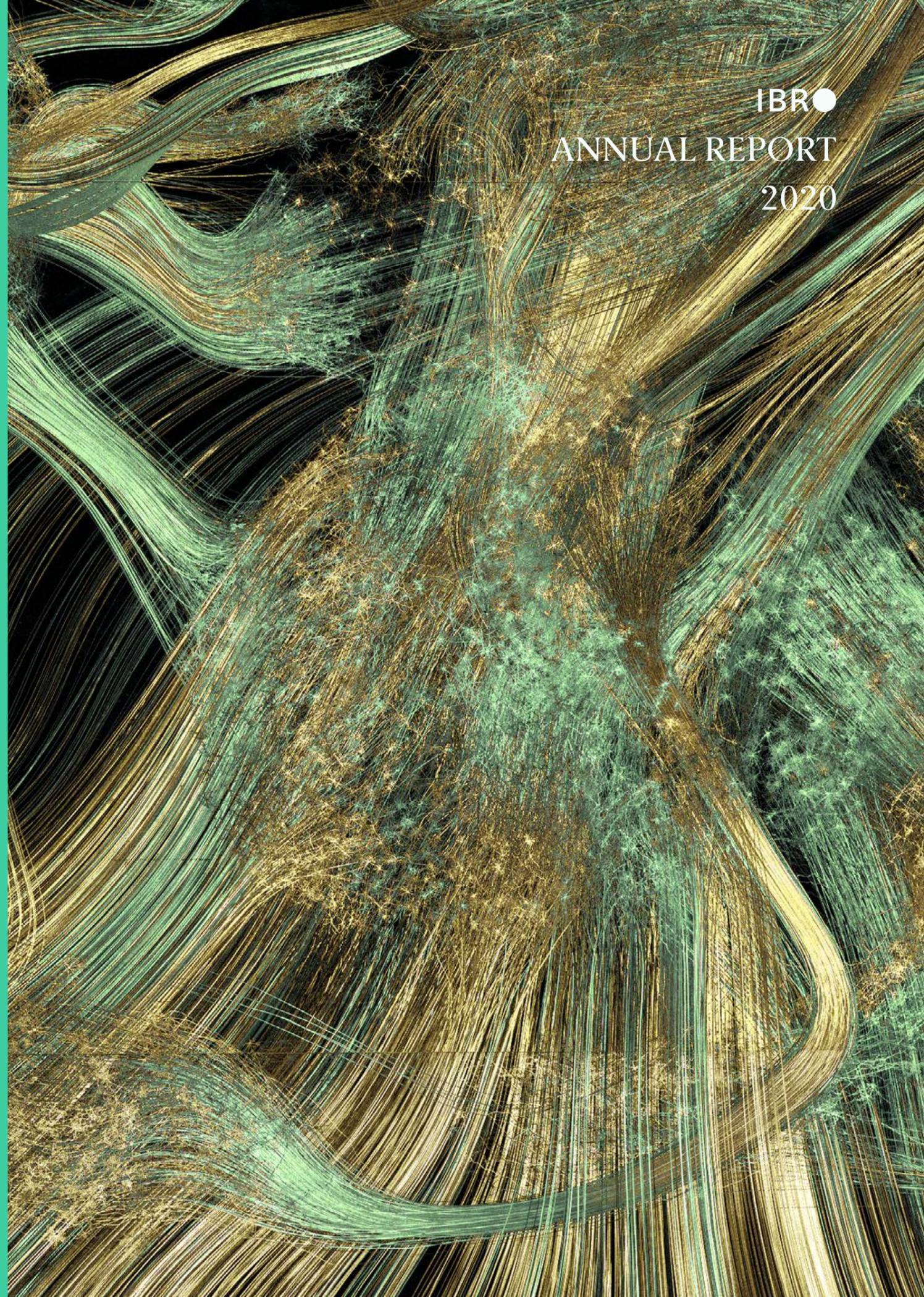


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IBRO
Society
Journals

International Brain Research Organization

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IBRO

Society Journals

3

Neuroscience

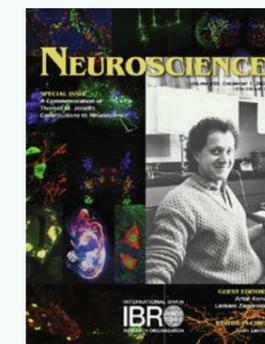
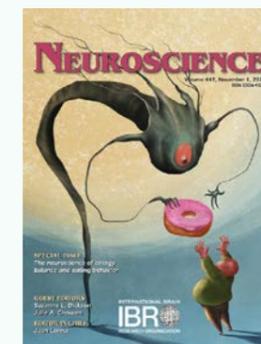
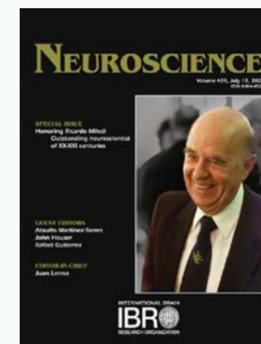
'Neuroscience is definitively a journal run by scientists for scientists'

Prof. **Juan Lerma** Editor-in-Chief



IBRO's flagship hybrid journal *Neuroscience* was established in 1976 and is published by Elsevier. Revenue from the journal provides more than 90% of IBRO's income, enabling the organization to fulfill its mission and 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, however short, is considered for publication provided that it reports significant, new and carefully confirmed findings with full experimental details. The Journal also publishes review articles, either invited (*Neuroscience* Forefront Reviews) or prescreened, 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.

The year 2020 presented both challenges and opportunities for *Neuroscience*. There was a modest decline (~10%) in submissions of research papers and in-person promotional events by the main Editors were interrupted. However, this allowed time for the editors and IBRO to focus on strategic planning for the journal. There were 28 issues published in 2020 as well as 6 special issues. The cover 'Good neurons gone bad' of one of the special issues, 'The neuroscience of energy balance and eating behaviour' (*Neuroscience* 447 (2020), 3–14), won the first People's Choice Cover Competition. It was conducted as a social media campaign in which the public was asked to choose their favorite cover from the top 3 selected by the IBRO Publications Committee.



SPECIAL ISSUES OF NEUROSCIENCE commemorating Ricardo Mileti (L) and Thomas Jessell (R) and the winning cover of the 2020 *IBRO Neuroscience* Cover Competition (M).

In 2020, *Neuroscience* held its position in the top 10 journals in the field in terms of papers published and overall citations. The journal was also featured at the virtual FENS Forum where a Meet the Editor session was organized. China represents the largest contributor to *Neuroscience*, and a promotional campaign in the Chinese language was implemented in 2020 using a multi-channel approach that

included email, leaflets, social media and events. Finally, *Neuroscience* enabled open-access online preprints as part of the publication process and initiated open peer reviews, allowing, on a volunteer basis, reviewers to be known following the acceptance of a paper. As publication models and global conditions evolve, *Neuroscience* has the capacity and willingness to evolve with them.

'I'm very proud to be a part of IBRO's global community and to be able to support its work by publishing in *Neuroscience*.'

Dr. **Angeles Salles** Postdoctoral Fellow Johns Hopkins University
IBRO alumna from Argentina



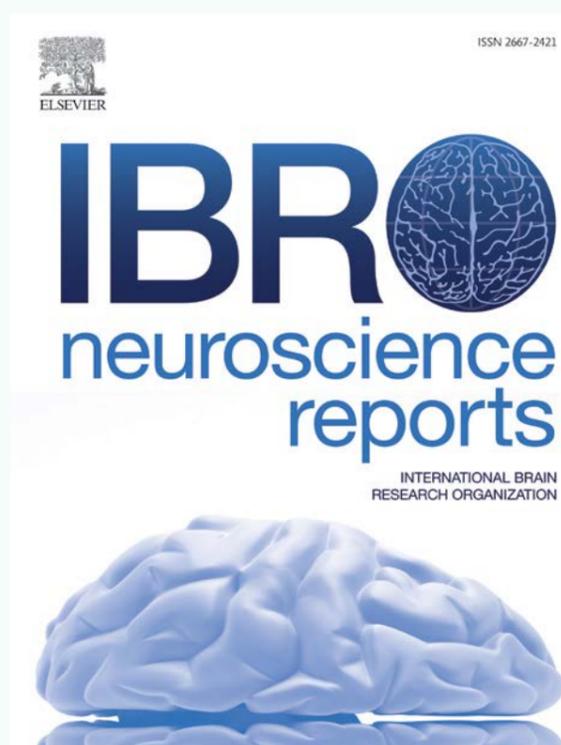
IBRO Neuroscience Reports

From 2021, 'The new title *IBRO Neuroscience Reports* recognizes our role as a platform for neuroscientists to exchange knowledge on brain research and cognate disciplines concerning the brain. This initiative further highlights the partnership between *IBRO Neuroscience Reports* and our sister journal *Neuroscience*, also under the purview of IBRO.'

Prof. **Ying-Shing Chan** Editor-in-Chief

IBRO Neuroscience Reports, established in 2016, is the fully open access (OA) companion journal to *Neuroscience*. It includes papers describing the results of original research on any aspect of the scientific study of the nervous system. It considers for publication any article that is methodologically sound, including negative data. Replication studies are welcomed when justified with a scientifically sound rationale. We also welcome preliminary, descriptive and small-scale results if they have the potential to stimulate and/or contribute to future research, leading to new insights

COVER OF **IBRO NEUROSCIENCE REPORTS**, the fully open access companion journal to *Neuroscience*.

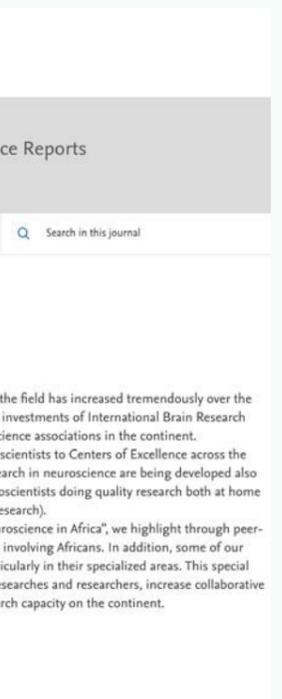


or hypotheses. As an OA journal, it offers immediate and unrestricted access to readers, increases download and citation opportunities and increases visibility, collaboration potential, public engagement and the sharing of knowledge worldwide. *IBRO Neuroscience Reports* is an important addition to IBRO's commitment to support open research principles.

The year 2020 marked important milestones for *IBRO Neuroscience Reports*. Since its first publication four years ago, 10 volumes have been published and those included authors from over 40 countries. The journal was indexed in PubMed and it produced two Special Issues – one on 'Emotion and Mood Disorders: From molecular mechanisms to neuronal circuits' and 'Neuroscience & Lifestyle: From neurobiology to mental health.' A third one focusing on 'Neuroscience in Africa' is planned for 2021 publication. One of the biggest changes confirmed in 2020 was a new title for the journal to be implemented in the following year. From 2021, the journal will be officially known as *IBRO Neuroscience*

'Being Guest Editor allows me to share the latest African Neuroscience with the world.'

Prof. **James Olopade** University of Ibadan
Guest Editor of the *IBRO Neuroscience Reports* special issue on African Neuroscience. IBRO alumnus from Nigeria



IBRO Neuroscience Reports
special issue on
African Neuroscience

Reports rather than *IBRO Reports*. The move aims to link it more closely with IBRO's flagship journal *Neuroscience* and thereby attract more interest in its platform, allowing neuroscientists to openly increase the exchange of knowledge and expertise.

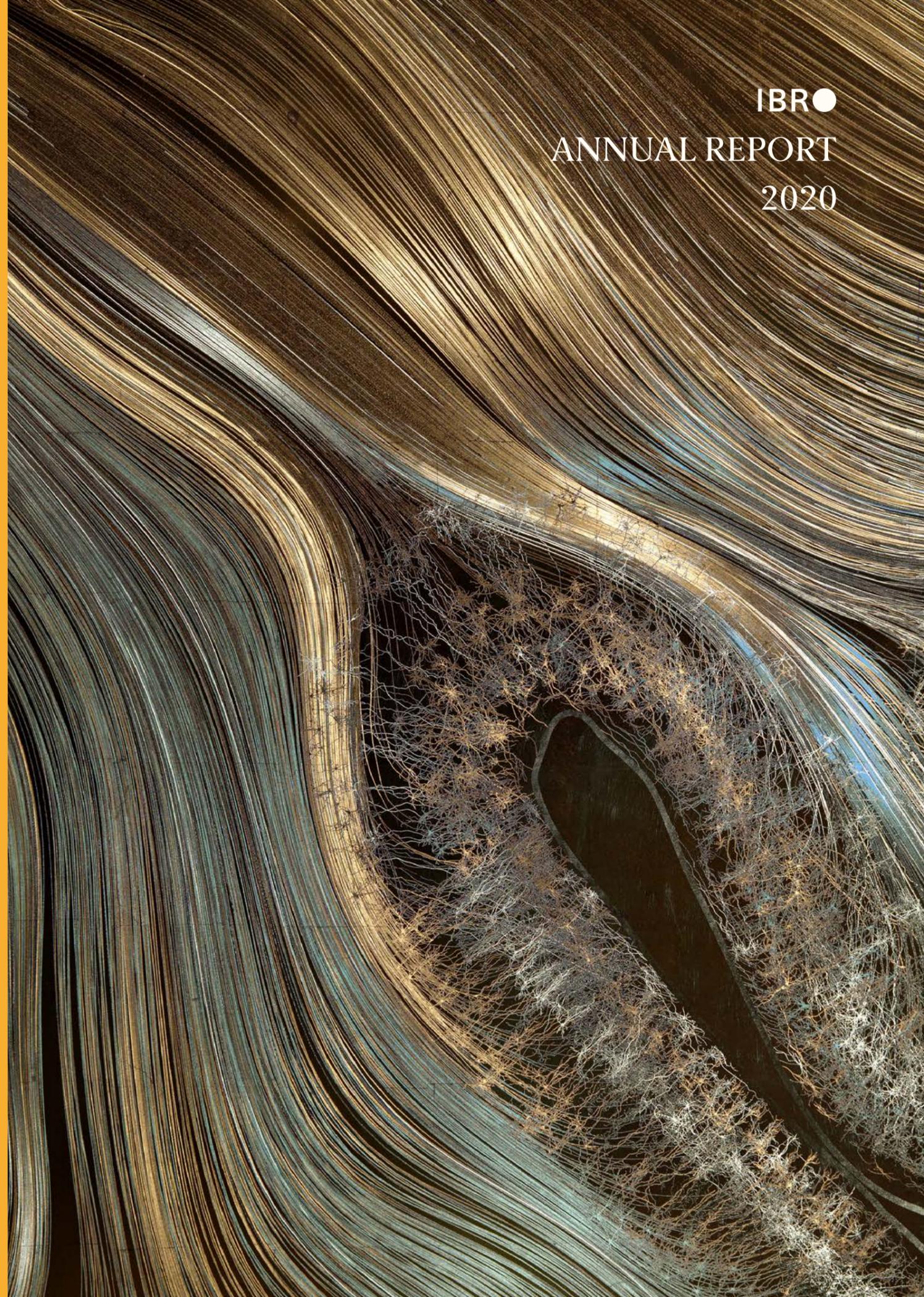


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IBRO
2020 Financial
Report

International Brain Research Organization

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2020



IBRO 2020 Financial Report

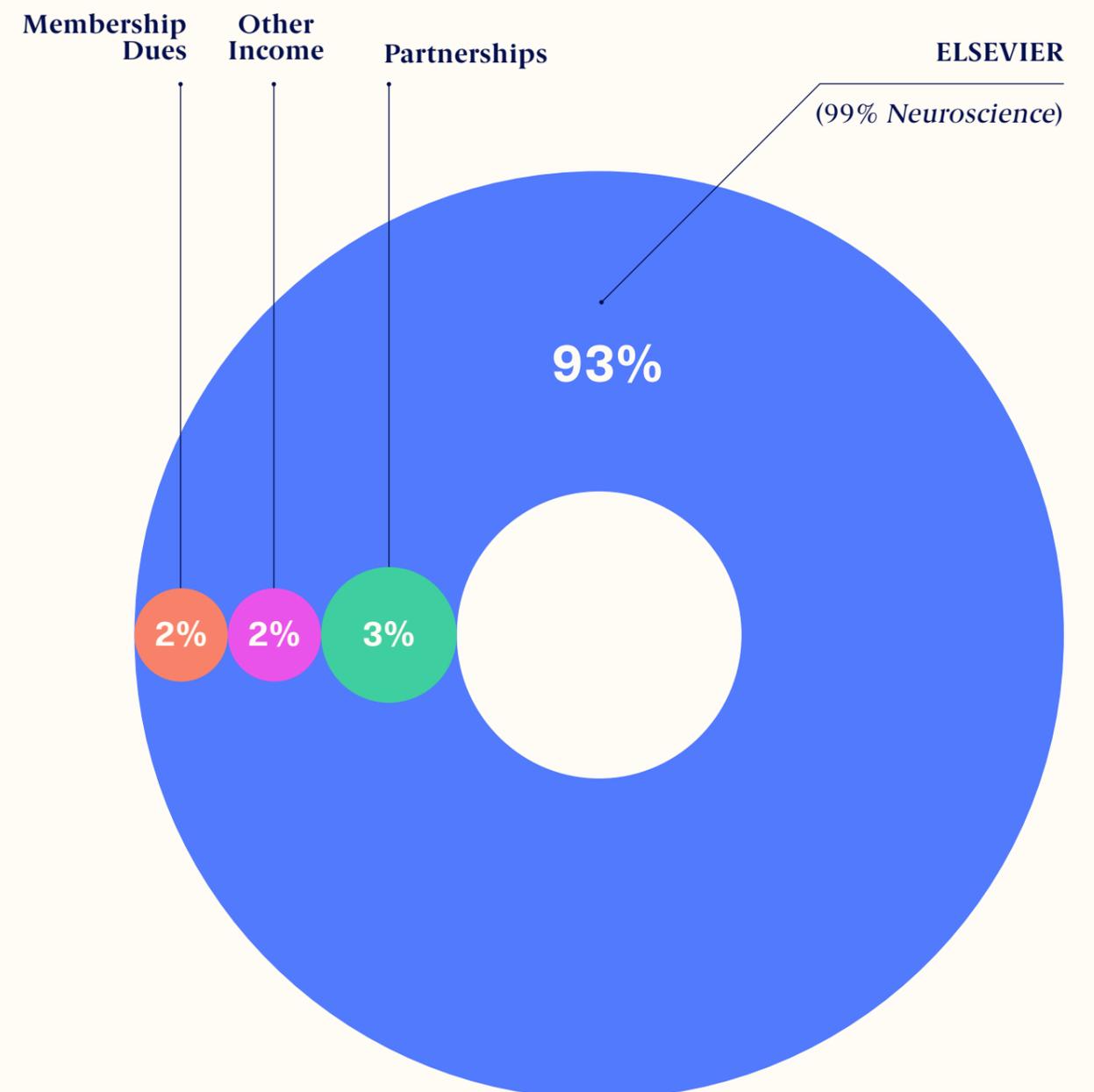


For the near-term, IBRO has adequate financial resources to continue funding its activities at a level roughly equivalent to recent funding levels, while also growing its investment portfolio. The income derived from the IBRO-owned journals, *Neuroscience* and *IBRO Neuroscience Reports* has remained relatively stable over the past years. However, with an increasing trend towards Open Access (OA), IBRO sees a need to diversify its income stream by identifying new sources of revenue, not only to maintain current funding levels but to modestly expand IBRO's worldwide funding. The Treasurer, in collaboration with the Finance Committee, advises the leadership of IBRO on how best to achieve these financial objectives.

Investments

Since 2002, IBRO has been investing with the help of a professional investment bank, Alliance Bernstein. The investment policy of IBRO has been maintained at a defensive level, with the consideration of securing the availability of additional financial resources in case this would be needed. The distribution across different investment instruments in 2020 range from equity/bonds in the US and Europe, with a very small amount of investment in US hedge funds, and at year end 2020 represented about €23M. Pending the level of growth in markets combined with a new strategy of diverting funds from income

into investments and developing new income sources, IBRO aims to substantially reduce its near total dependence on income derived from publishing. It will strive to achieve a model where income from publishing is combined with other revenue sources and a modest draw from investments.



The annual accounts

The financial year 2020 for IBRO was most significantly marked by the reduced activities linked to the global COVID-19 pandemic. Compared to 2019, the investments by IBRO in program support, which cover activities such as schools, meetings and hands-on training, decreased by 62%, and support for individual grants and stipends was reduced by 46% from €903,000 in 2019 to €487,000 in 2020. According to IBRO's Covid-19 policy, a significant number of the planned training activities and grants became postponed into 2021. This policy, which had been welcomed by organizers and participants during the year, was established to secure the continuity of global training programs and infrastructure.

Other income, including that from membership and partnerships, as well as administrative and other costs had been impacted to various degrees by the pandemic. Due to the reduced spending linked to the global pandemic, the financial year 2020 ended with a positive result of €1,3M. This extraordinary outcome will partly support an expansion of programs and grants in 2021 due to the IBRO Covid-19 policy. IBRO leadership will, following the exceptional year of 2020, also define the need to add up to €1M in its investments. The diversion of funds into IBRO's investment accounts had not occurred since 2014, but is considered a mandatory feature of IBRO's budget process by the current IBRO leadership.

Diversification of income

Income for 2020 was generally maintained at a level comparable to 2019. The distribution of income, as in past years, was principally derived from royalty income originating from the journal *Neuroscience*, with income from membership, partnerships and the ownership of *IBRO Neuroscience Reports*.

Future years should ideally see a diversification of income for IBRO. This would not only act to secure a more robust income profile, but would likely secure alignment of IBRO with other partner programs and thereby generate a higher impact and visibility across IBRO activities. This would also reinforce and resonate with the approved strategic plan of IBRO.



IBRO SUPPORTED
Global Engagement event
in Serbia.

INCOME

Item	2020	2019
Membership Fee	€ 49,357	€ 70,479
Elseviers Royalties (exchange rate of 28/10/2020)	€ 3.131,202	€ 3.275,806
Partnership	€ 75,534	€ 97,891
Other extraordinary income	€ 22,183	€ 75,961
Total Income 2020	€ 3.278,276	€ 3.520,136

EXPENSES

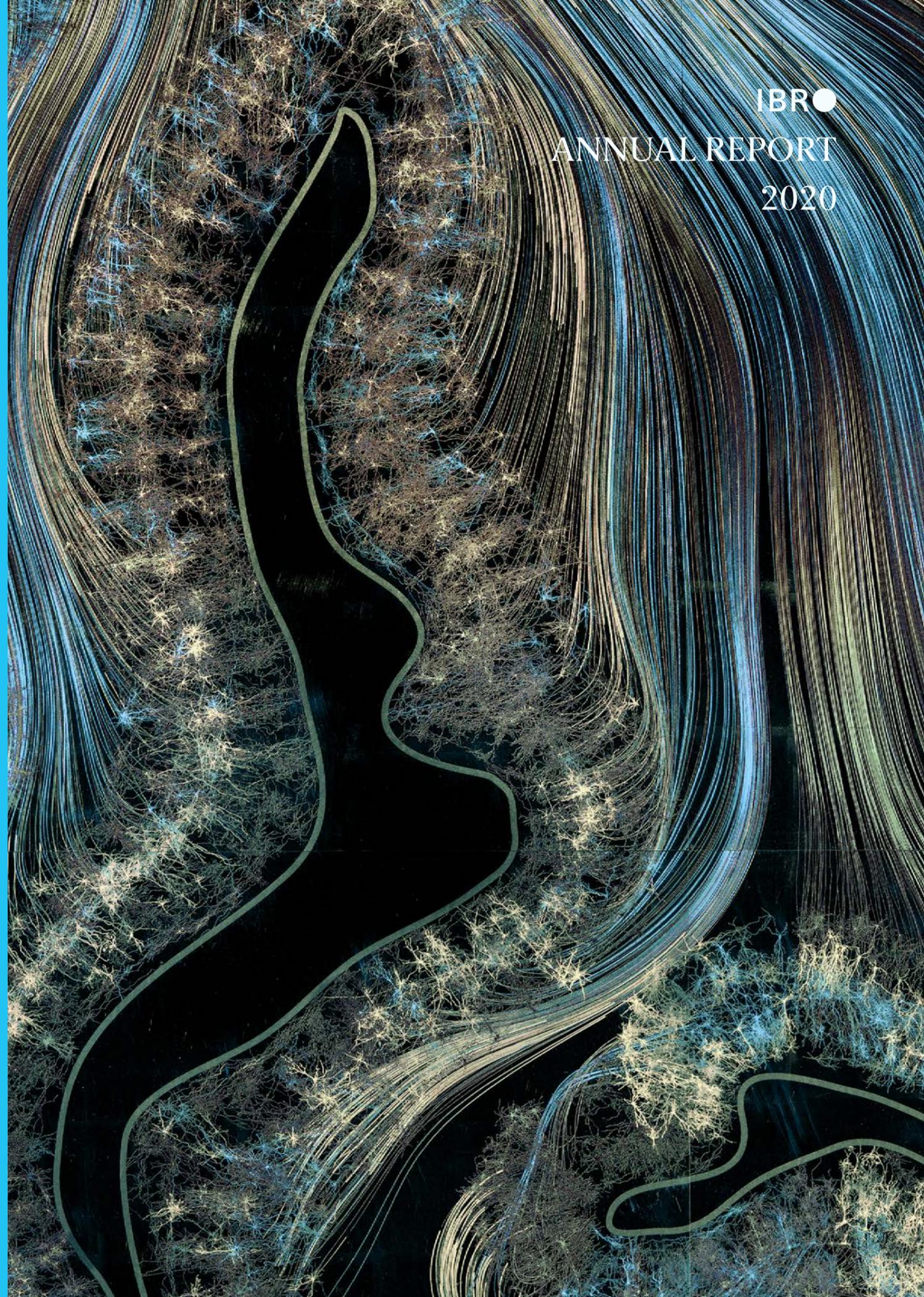
IBRO office and administration	€ 529,017	€ 529,827
Other overhead and fees	€ 20,623	€ 44,987
Consultancy and accounting	€ 104,995	€ 16,000
Travel and meeting costs	€ 33,068	€ 294,013
Unforeseen costs	€ 67,458	€ 33,571
Network and memberships	€ 72,200	€ 71,801
Grants and stipends	€ 487,420	€ 903,939
Program support	€ 650,732	€ 1.733,874
Total Costs 2020	€ 1.965,513	€ 3.628,012
Result 31/12/ 2020	€ 1.312,763	€ -107,876

5

IBRO
Regions and
Young IBRO

International Brain Research Organization

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IBRO Regions and Young IBRO: Bringing neuroscience resources to the world

5

Africa Regional Committee



Pierre Luabeya ARC Chair

I finish my second term as Chair of the Africa Regional Committee (ARC) at the end of 2020. It was a difficult year with the rapid spread of COVID-19. Most ARC schools and activities had to be postponed, including all of the ARC bursary short stays. However, after chairing this committee for eight years, I have not been discouraged. I have had the opportunity to participate in the dissemination of neuroscience in Africa with the active support of all ARC members. Without their commitment and those of IBRO member societies in Africa,



it would have been impossible to increase capacity in neuroscience on the continent. We have a vast geography and population, but still a comparably small community of neuroscience researchers focused on building African neuroscience. It is my hope that ARC continues to work with partners in Africa and across regions to ensure that future generations will have the tools and training to secure the future of the field in the area. I would also like to take this opportunity to thank the IBRO secretariat team in Paris for the help I received from them whenever it was needed.

Asia/Pacific Regional Committee



Bong-Kiun Kaang APRC Chair

In 2020, external Asia/Pacific Regional Committee (APRC) activities were greatly reduced due to the coronavirus pandemic. Only one school was successfully completed and all exchange fellowships and travel and short stay grants had to be postponed. Internally, however, committee members were able to prepare for a new era of APRC. In particular, we were able to plan the launch of new activities, including a visiting lecturer program, Asia/Pacific Brain Awareness Week grants and Local Clustered Neuroscience activities. Working



together with the other APRC members for the past six years, I have been delighted to see our efforts increase support for academic activities and exchanges among neuroscientists and young researchers in the region. I also feel rewarded in having been able to help in the successful hosting of the 10th IBRO World Congress in Daegu, South Korea. Next year we will have new members and a new APRC Chair, Dr. Pike-See Cheah from Malaysia. I am confident that they will all continue to further advance the work of APRC.

Latin America Regional Committee



Cecilia Bouzat LARC Chair

In our region with so many needs, IBRO's Latin America Regional Committee (LARC) plays a fundamental role in reinforcing brain research in the region. It is especially important in supporting and mentoring young researchers who will become the next generation of neuroscientists. Unfortunately, more than half of our 2020 activities were postponed and the largest regional meeting, the biennial Congress of the Federation of Latin American and Caribbean Neuroscience Societies (FALAN), was cancelled due to COVID-19. However, we were able to complete some activities. In particular, we carried out the First Seeding Neuroscience

Event in Panama, whose goal is to help underrepresented countries of the Latin American region to promote research in neuroscience and integrate them into LARC activities. We also published the LARC/Economic Commission for Latin America and the Caribbean (ECLAC) study on gender balance in neuroscience throughout the region. Inclusion, diversity, and equity have been key principles guiding all LARC activities and this will continue into the future. Looking ahead, there is still a long way to go, but LARC will continue paving the way for education and science, fundamental pillars for the progress of Latin America.

Pan-Europe Regional Committee



Fabio Blandini PERC Chair

The year 2020 was a tough period for IBRO with the disruption of activities triggered by the COVID-19 pandemic. This interfered with the organization of events, short stays, meetings and all activities which required travelling and on-site presence. Traditional Pan-European Regional Committee (PERC) grants were awarded, but most of their associated activities were postponed or cancelled. An unexpected highlight was the virtual FENS Forum. Rather than travel grants, PERC was able to cover the cost of registration fees for selected attendees. In the next year, with the continuous circulation of coronavirus, PERC will

prioritize support for virtual events or activities where the possibility to turn virtual is clearly contemplated. In addition, new PERC initiatives such as partnerships with national European neuroscience societies and support for soft skills training will be implemented.

US/Canada Regional Committee



Samuel David USCRC Chair

The COVID-19 pandemic had a severe impact on the delivery of many of our US/Canada Regional Committee (USCRC) programs. It led to the cancellation of courses and workshops at the Marine Biological Laboratories (MBL) and Cold Spring Harbor Labs (CSHL) which many of our IBRO fellows attend. Unfortunately, it also forced the cancellation of our annual IBRO/CAN (Canadian Association for Neuroscience) School in Montréal, Canada, for students from Africa and Latin America. These setbacks, however, helped to ensure the health and safety of our community as much as possible. In other areas, we were proud to have

provided support for registrations for virtual courses offered by CSHL and the annual International Neuroethics Society meeting. Two IBRO fellows from the Neuroscience Scholars Program were also able to use their funds prior to the start of the lockdown in March. With the availability of COVID-19 vaccines, we look forward to a better year in 2021.

Young IBRO



Zeljka Krsnik Young IBRO Chair

In this challenging year, when many scientists could not spend much time in the lab, Young IBRO continued its efforts to encourage collaboration of emerging research groups between different IBRO Regions by awarding nine Young IBRO Regions Connecting Awards. In addition, we organized online partner activities with the ALBA Network and supported 286 scientists from all around the world with ALBA/FKNE/Young IBRO Diversity Grants to attend the FENS Virtual Forum. Our plan for 2021 is to continue supporting our successful initiatives and launching a new Young IBRO Maternity/Parenthood in Neuroscience grant.

Finally, we encourage emerging Principal Investigators and mid-career scientists all over the world to join our initiatives and share with us constructive suggestions and ideas about how to further contribute to our common goals.

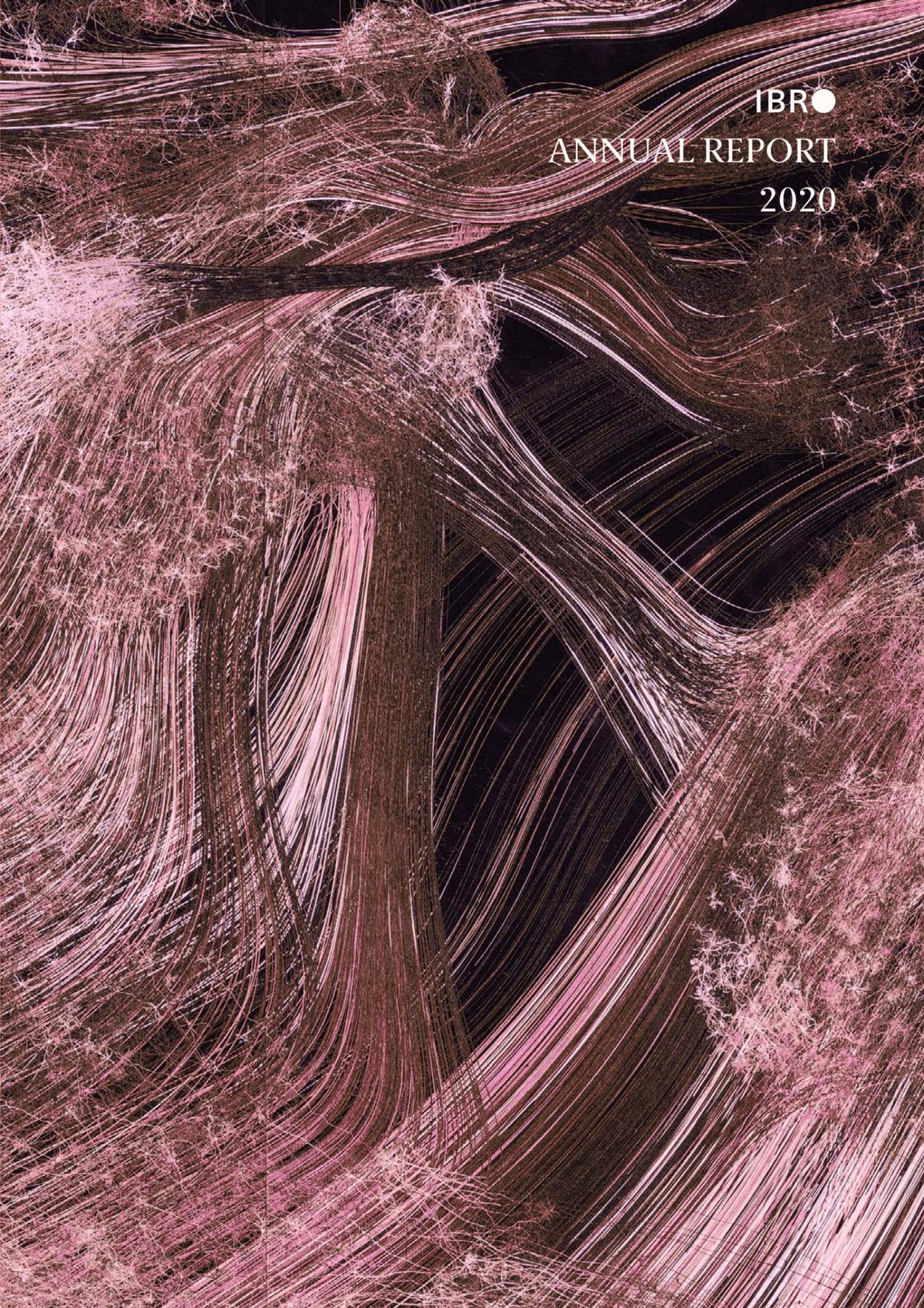
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IBRO
The New
Norm

International Brain Research Organization

IBRO ●
ANNUAL REPORT
2020



IBRO The New Norm: Global Neuroscience Under Lockdown

6

The speed and impact of the COVID-19 pandemic took the world by surprise in 2020. Day after day and week after week, the spread of the virus disrupted lives everywhere. Travel was suddenly cut, services and shops shut, universities and offices closed, and all of us were eventually confined, isolated, or quarantined in hospitals or homes. There was no escape, and this bleak reality included and impacted the global neuroscience community. Fortunately, it did not take long for the resilience and commitment of brain researchers around the world to adapt, act, and continue working together.



ADAPTATION

Young IBRO members, Amaicha Depino from Argentina and Urtė Neniškytė from Lithuania, share how they adapted to new

2020 norms and found ways to continue working safely and productively.

'The university closed. So, all the classes, all the exams and tests had to move online. All the work with my team members went online as well. But we did have regular meetings and I would say sometimes it felt that we actually communicated even more.' Because her lab had to close, Urtė and her team switched to writing and preparing both scientific manuscripts and applications for different funding sources. *'I saw it as a great training opportunity for them [her lab members], because they learned how to write their grants. They learned how to think about their grants. I was able to give them more feedback than when we were mostly focusing on our labwork.'*



Urtė Neniškytė
Lithuania

'I have a three-year-old at home and I had to switch my teaching from going to give a lecture, to giving virtual lectures'. Adapting to virtual teaching was something that many neuroscientists around the world had to do and it was not an easy transition. I would make pauses and ask the students if they understood or had any questions. I would give time for them to speak back and also to know if they were there, because sometimes I would keep talking and I wouldn't be able to see anyone. I would then think okay, maybe I'm alone.'

Amaicha Depino
Argentina



The Faculty of Science of Alexandria University in Egypt, with the support of IBRO and the Mediterranean Neuroscience Society (MNS), organized the third IBRO-ARC workshop, 'Central Nervous System Developmental Remodeling and Neuroplasticity'



The in-person workshop was postponed due to COVID-19 restrictions. *'The airports in Egypt were closed one week before the start date of the workshop, hence we could not hold the event on time and we had to postpone it.'* Not to be deterred, the workshop was eventually transformed into a zoom event held over three days from 17-19 December 2020. A group of young researchers from Egypt, Tunisia, Morocco, Lebanon, Jordan, Ghana, Nigeria, Cameroon and India actively participated in this event. The sessions were delivered by distinguished professors from Egypt, France, Malta, Nigeria and South Africa. To maximize the benefit, the lectures were streamed live over two days through the Facebook portals of IBRO and MNS.

ACTION

The pandemic forced the global neuroscience community not only to adapt, but also to take action in 2020. Here are three stories from India, Serbia and Cameroon that showcase the inspired efforts of neuroscientists on these three continents.

Aurnab Ghose, an IBRO Asia/Pacific Regional Committee (APRC) member and Associate Professor at the Indian Institute of Science Education and Research (IISER) in Pune, India, set up a COVID-19 testing center together with his colleagues during the first wave in India. It was supported by volunteer scientists, students and IISER staff.

Prof. Ghose was interviewed in the 'IBRO COVID-19 Series: Global Neuroscience Experiences', a collection of video interviews featuring personal perspectives from the IBRO community.

In Europe, with the help of an IBRO-PERC Meeting Support grant, Dr. Valentina Cerrato from the University of Turin was ready to hold her 'Glial Cells-Neuron Crosstalk in CNS (Central Nervous System) Health and Disease' workshop in Italy, but COVID-19 forced her to cancel the workshop less than one week before it started in February 2020. Undeterred, she moved the workshop to a virtual format and welcomed 71 participants from 10 countries.

'What we managed to do during the lockdown, which is actually remarkable, is come up with a workflow, including the use of isolated rooms where you can deal with samples being received from the hospitals and how to safely work with them.'

Prof. **Aurnab Ghose** IBRO Asia/Pacific Regional Committee (APRC) member.
Associate Professor at the Indian Institute of Science Education and Research (IISER)



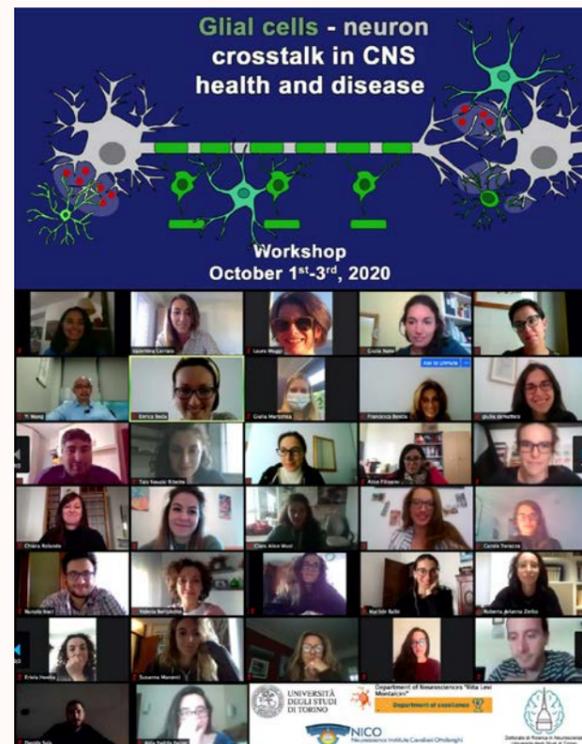
The 3-day long workshop enabled participants to enhance their knowledge on the functions of glial cells in health and disease. The program included lectures on the newest conceptual and methodological approaches to study the role of glial cells in synaptic function, development and CNS disease. Participants had the opportunity to present their research projects and discuss ideas with leaders in the field.

In Dschang, Cameroon, a 2020 IBRO/Dana Brain Awareness Week event was led by Dr. Gwladys Temkou Ngoupaye and her team



under the theme 'Brain health status and our daily Behaviour: an insight into addictive substances and behavioural disorders'. Its objective was to raise awareness about the impact of our daily behaviours on brain functions.

The celebration started with a communication through Campus Radio and then followed with various activities in primary and secondary schools including teaching, posters and video presentations, exhibitions, practicals, quizzes and award presentations. Unfortunately, activities were halted on March 17th due to COVID-19 restrictions, but interest and engagement had been stimulated, and plans were made to resume the rest of the activities after the pandemic.



IMPACT

The year 2020 was exceptional with more than half of all IBRO-funded events eventually being postponed to 2021. IBRO supported 203 awardees with 21 different grants, and 218 students were accepted to participate in nine IBRO Schools. There were 10 Return Home Fellows who received €20,000 each to set up a laboratory in their country of origin, and 15 young Principal Investigators received €5,000 each to support their research through the IBRO Early Career Awards. One of these awardees, Dr. Hà Thị Thanh Hương, became our first ever recipient from Vietnam. The

country has one of the most rapidly aging populations in the world, and will likely see a rapid increase of Alzheimer's diagnoses. The infrastructure and ability to test on such a scale as will be needed is not yet possible. The IBRO Early Career Award enabled Dr. Hương to develop a low-cost biomarker tool to assist in the diagnosis of the disease.

'After I received the IBRO Early Career Award people started paying attention to me. I did a few newspaper features and tv interviews to talk about the importance about studying the brain.'



In an interview in the Malaysian newspaper, *The Star*, Dr. Hương added:

'In other countries such as the US, Alzheimer's research started a few decades ago, which allowed scientists to establish and study large patient database ... In Vietnam we currently do not have any of that here. Hence, our group will work with medical colleagues to carry out tests for exact diagnosis of this disease and identify patients for our research ... The cost for standard tests is expensive. The amount of money from the Early Career Award 2020 from the International Brain Research Organization will partially help us progress in the development of more accessible tests.'

Due to COVID-19 and travel restrictions, many conferences and congresses were postponed or went virtual. Out of 55 International Travel Grant awardees, 39 received support to attend an online meeting in 2020. Six of seven events supported by IBRO Global Engagement Seed Grants were postponed to 2021. The IBRO/Dana Brain Awareness Week grants saw seven events postponed, but 10 were still able to go ahead as planned, either as hybrid or fully virtual events.

IBRO partnerships were also affected by COVID-19 conditions but faced challenges with innovative approaches and an even stronger commitment to work together through this difficult period. The International Brain Bee World Championship unfortunately had to be cancelled but plans were made to incorporate national Brain Bee winners into the 2021 championship. The IBRO Pan-European Regional Committee continued

its member support of the European Brain Council which, despite COVID-related confinement, was able to advocate for brain research in the region through innovative and forward-thinking projects, initiatives and online events.

IBRO also participated as a sponsor of the FENS 2020 Virtual Forum, the ALBA Network, the groundbreaking BlackInNeuro Week, and co-organized the IBRO/IBE-UNESCO Science of Learning: Relevance and prospect in the time of COVID-19 webinar. It featured the 2020 IBRO/IBE-UNESCO Fellows who had to complete their residencies remotely due to the pandemic. IBRO was also proud to continue its support of the Cajal Advanced Neuroscience Training Programme that launched hybrid NeuroKits courses and a new online lecture series.

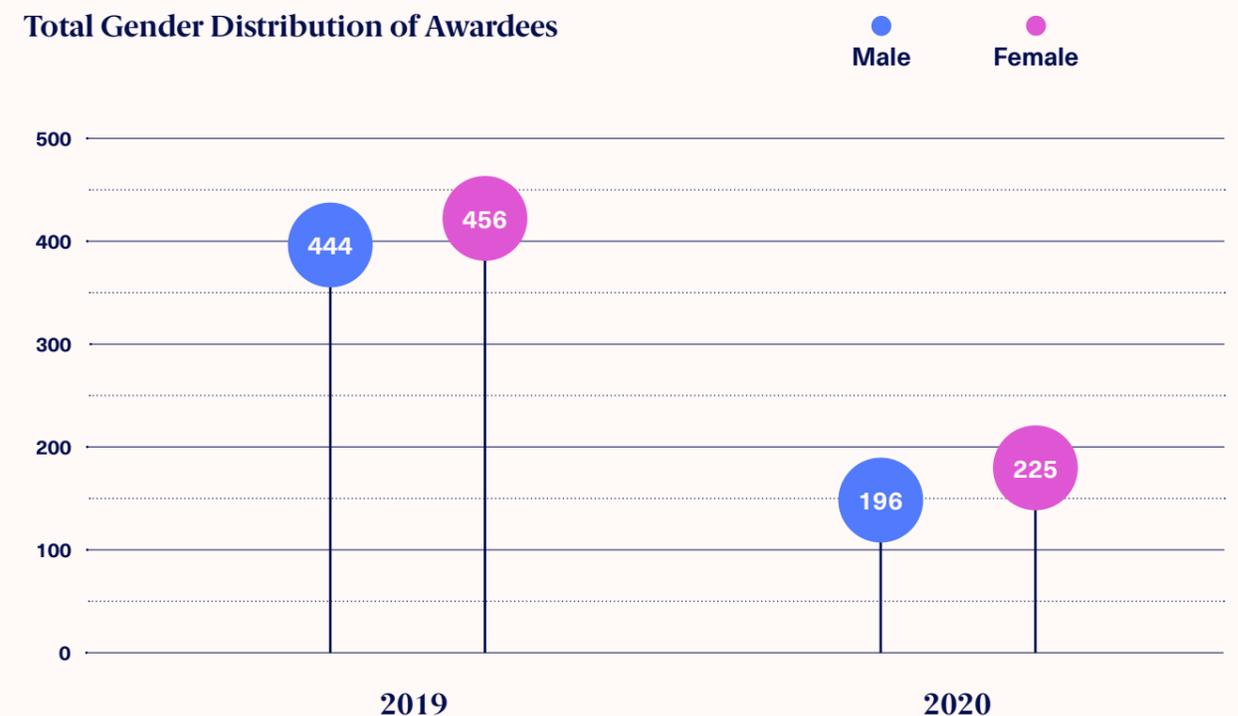
Finally, the IBRO Dargut and Milena Kemali Foundation awarded its 12th International Prize for Research in the field of Basic and Clinical Neurosciences to Dr. Hailan Hu, Professor at the Center for Neuroscience in the School of Medicine of Zhejiang University, in Hangzhou, China. The Committee selected Dr. Hu 'in recognition of her impressive work on the fundamental neurobiological mechanisms of emotional and affective behaviors based on very advanced, state-of-the-art methodologies'. This is the first time that the Prize was awarded to a scientist outside of Europe and North America since it was established in 1998. Dr. Hu received the award and gave her IBRO-Kemali special lecture, *From Pecking Order to Ketamine – Neural mechanisms of social and emotional behaviors*, at the virtual FENS Forum in July 2020.

IMPACT METRICS

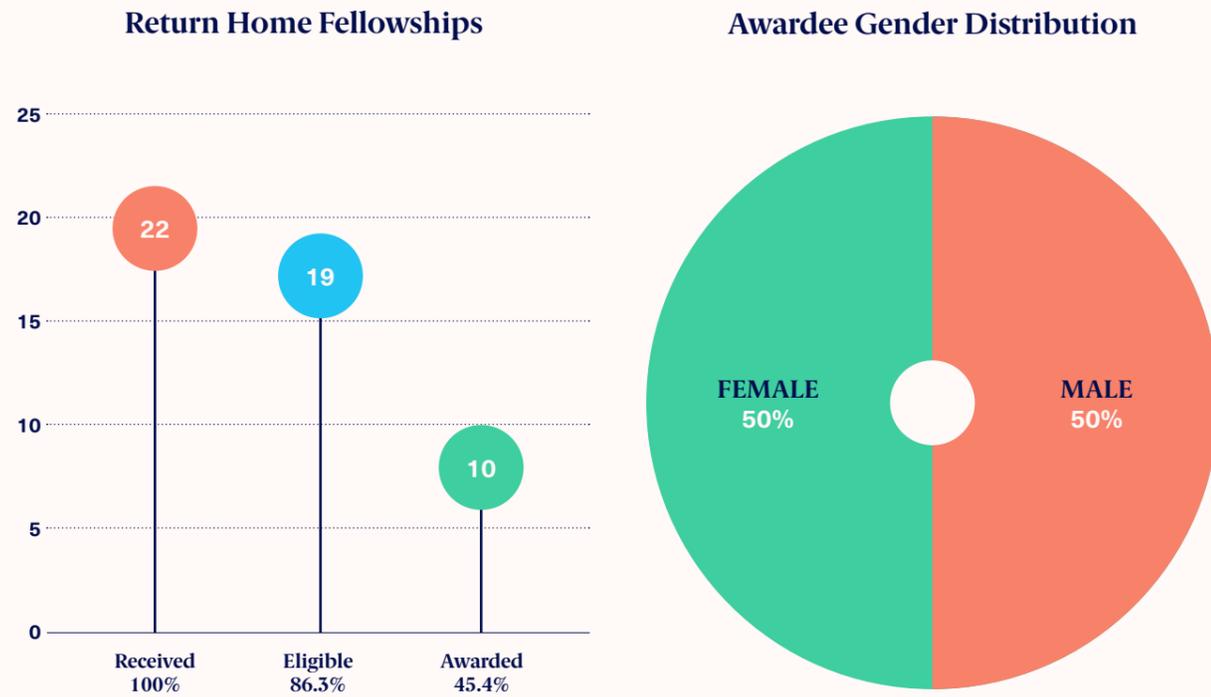
Total Applications Processed



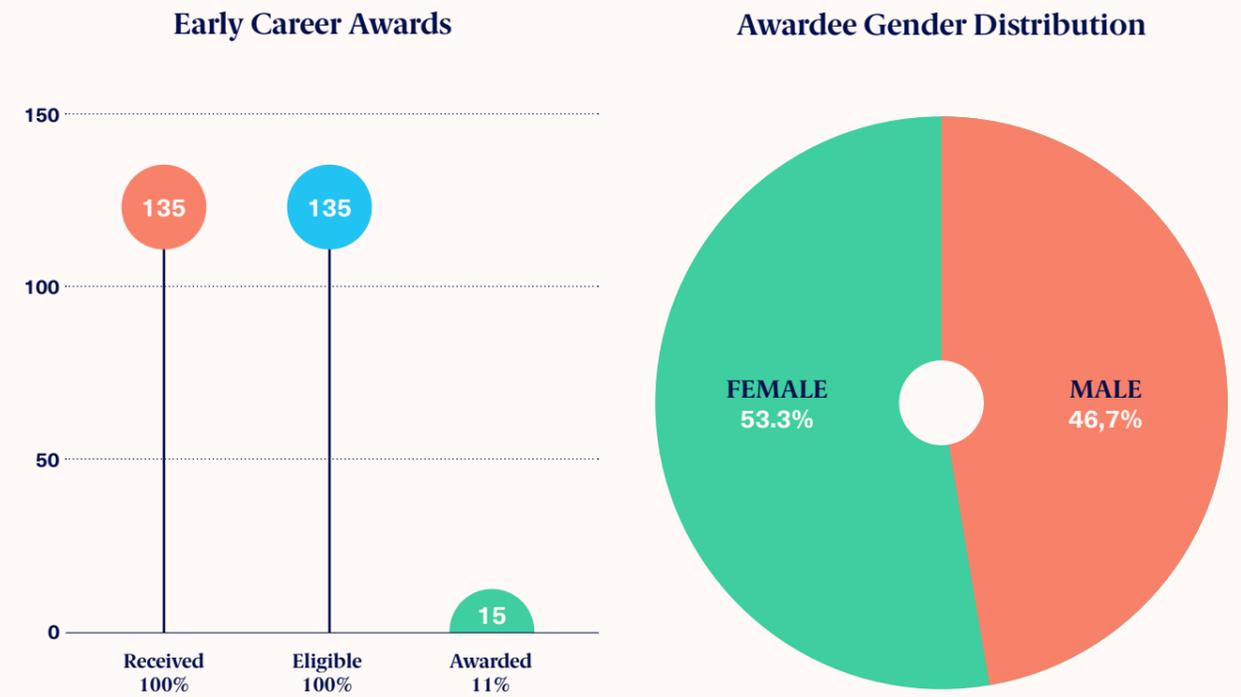
Total Gender Distribution of Awardees



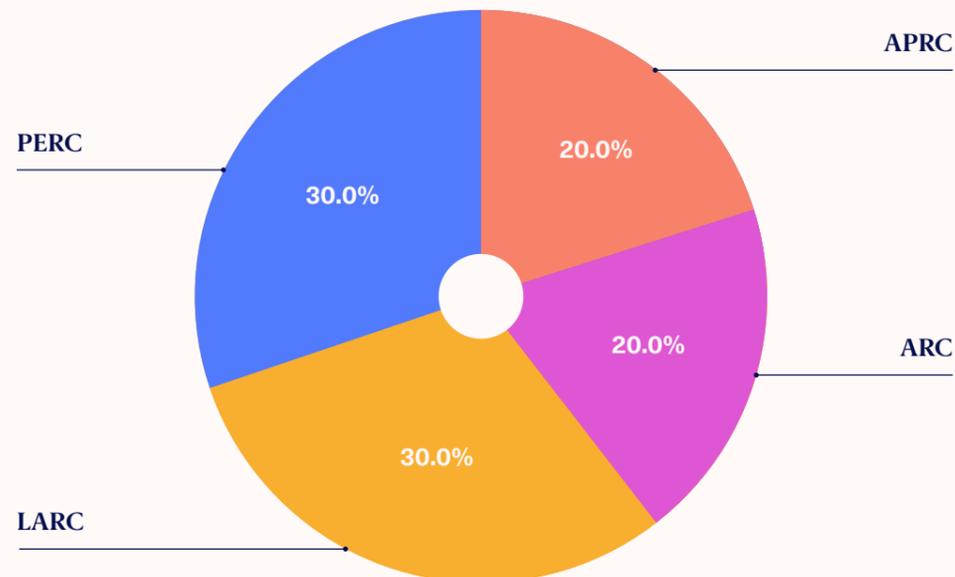
IMPACT METRICS RETURN HOME FELLOWSHIPS



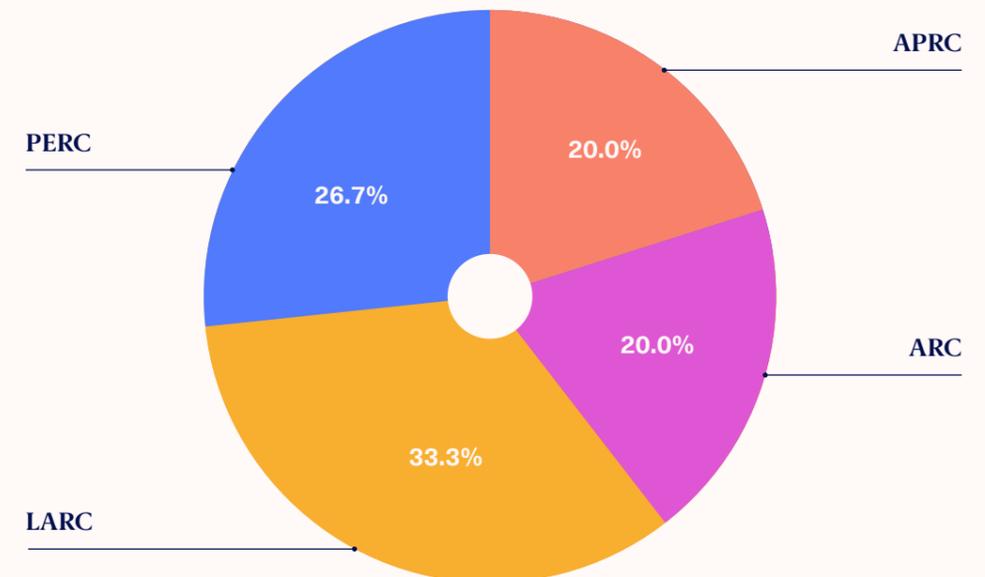
IMPACT METRICS EARLY CAREER AWARDS



Awardee Regional Distribution

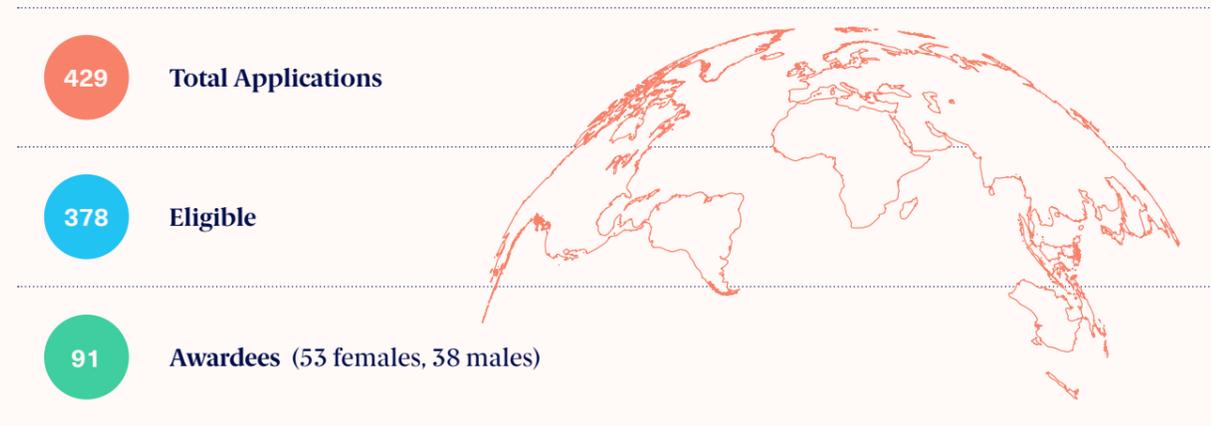


Awardee Regional Distribution

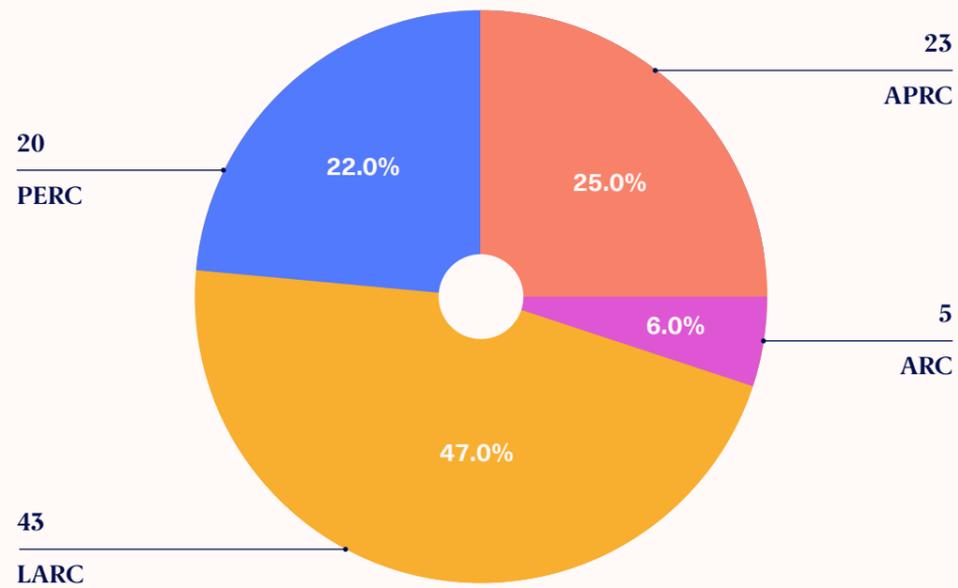


IMPACT METRICS TRAVEL GRANTS

International Travel Grants

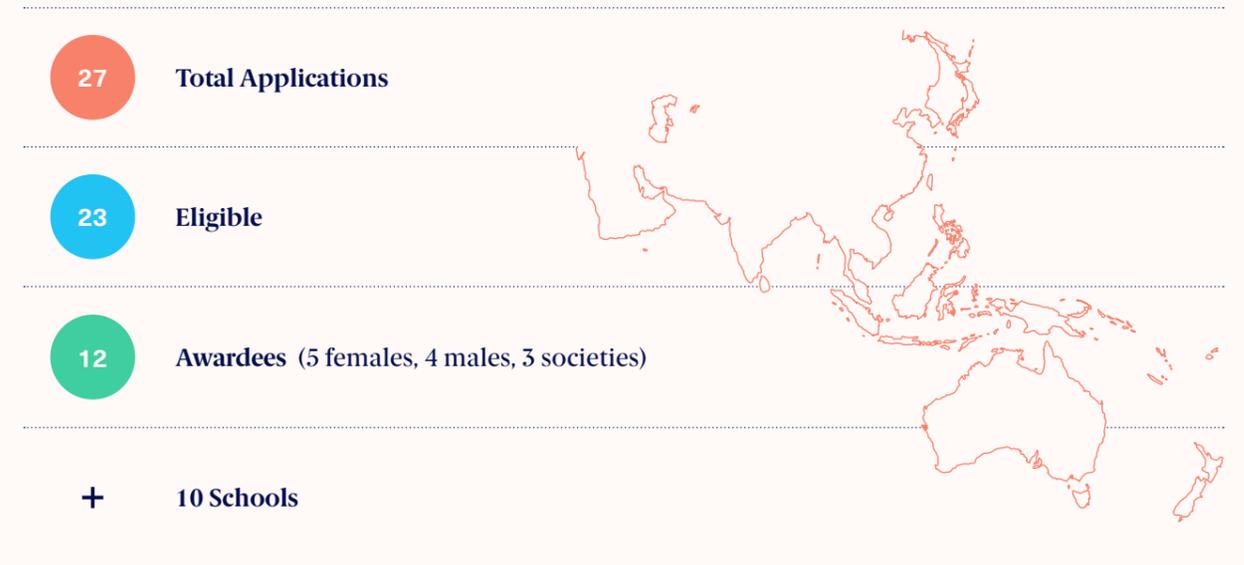


Regional distribution



IMPACT METRICS REGIONAL GRANTS

APRC Grants: Travel & Short Stay, Exchange Fellowships and Lecturer Exchange



ARC Grants: Bursaries



IMPACT METRICS REGIONAL GRANTS

LARC Grants: Exchange Fellowships Short Stays and Short Courses

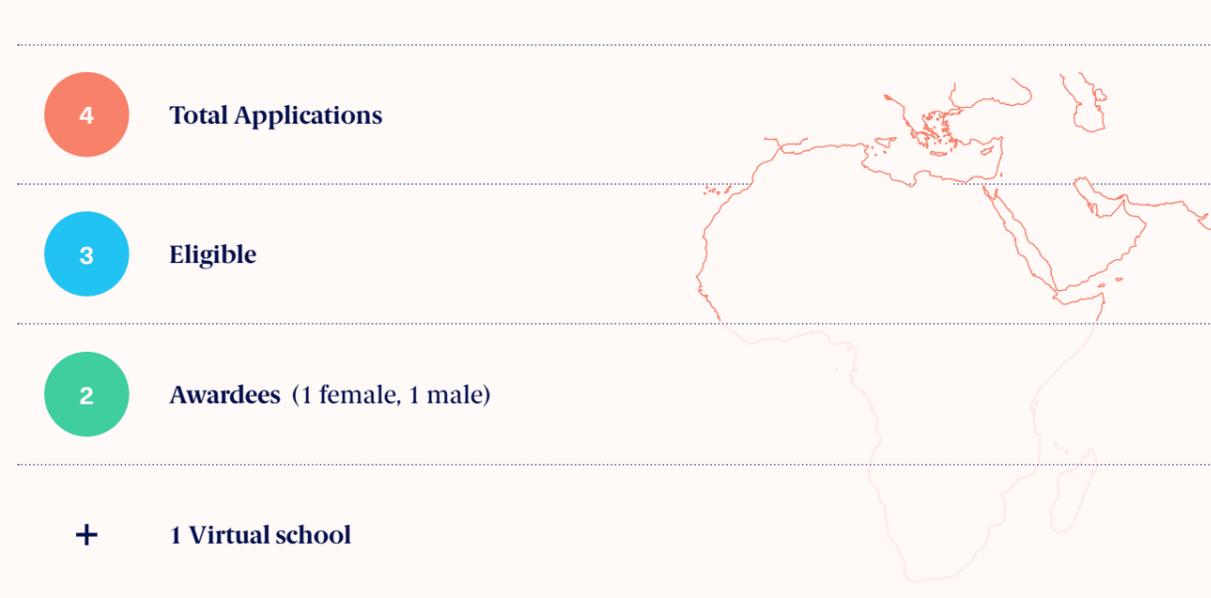


IMPACT METRICS REGIONAL GRANTS

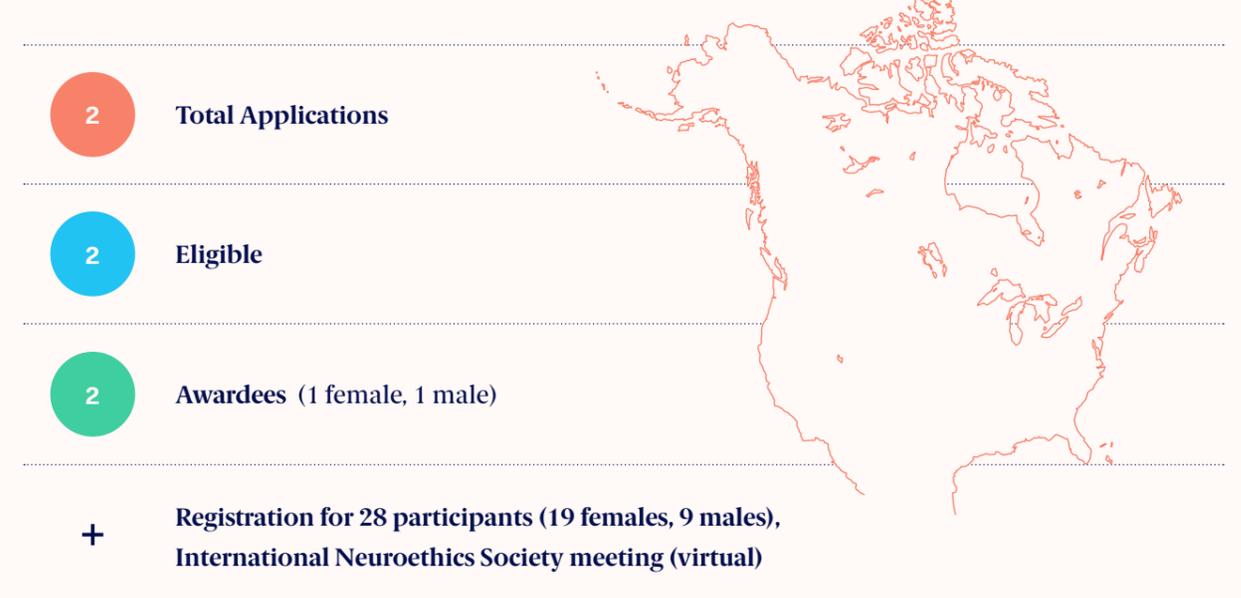
PERC Grants: Meetings Support, InEurope Short Stay Grants



MENA (Middle East/North Africa) Grants: Exchange Fellowships



USCRC Grants: NSP Scholars & Associate Fellowships



ACTION ONLINE

IBRO is active on all major social media - Facebook, Twitter, LinkedIn, Instagram and YouTube. On Facebook, IBRO has seven pages, one main IBRO page and six regional ones, including the Middle East/

North Africa (MENA) subregion. The table below shows all our social media accounts, the number of followers, and the posting frequency.¹

Social Media	Followers	Posting frequency
FACEBOOK	37,417	Daily
Main	25,388	Daily
ARC	2784	Daily
LARC	2287	Daily
APRC	2246	Daily
PERC	2120	Daily
MENA	1787	Daily
USCR	805	Daily
LINKEDIN	9373	Daily
TWITTER @ibroSecretariat	8080	Daily
INSTAGRAM @ibro_insta	5042	3x/week

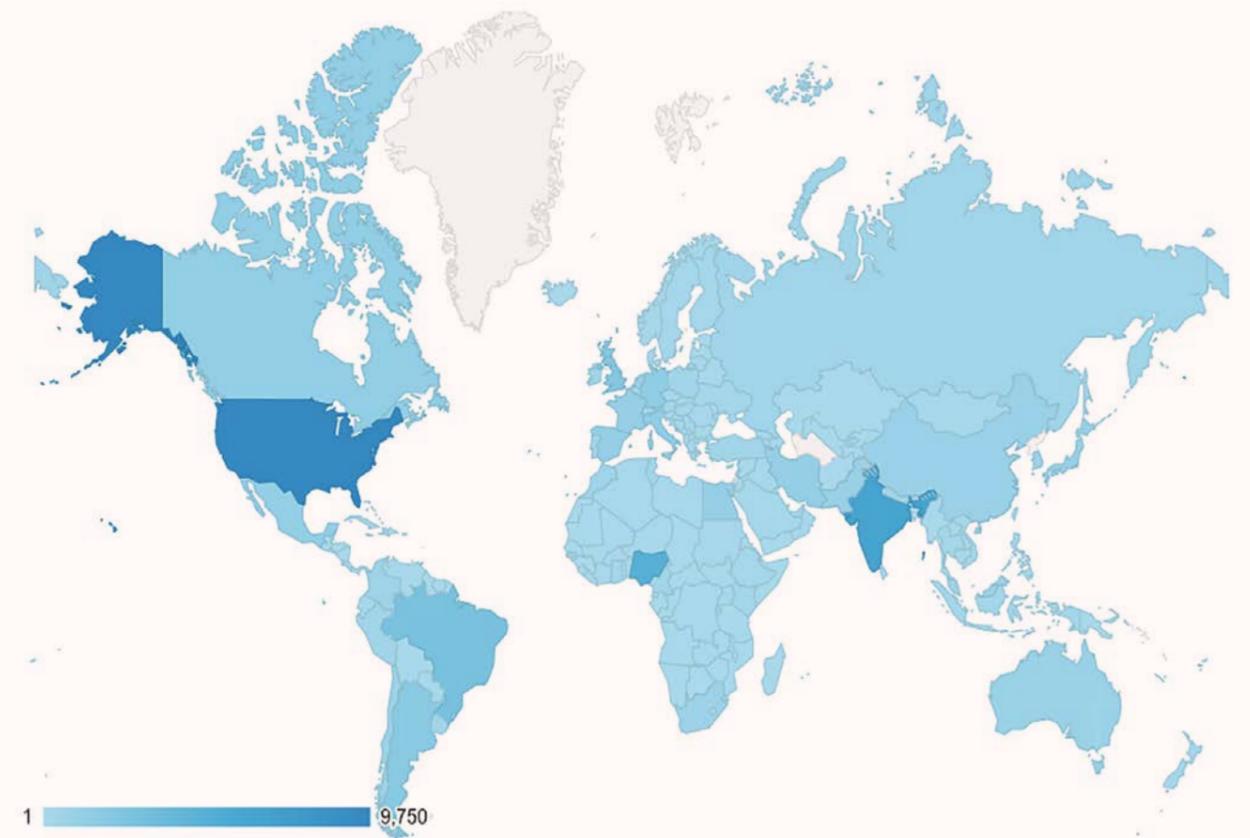
SOCIAL MEDIA ANALYTICS

As of 31 December 2020, IBRO had **59,912 followers** on social media, of which **58% was female** and **42% was male**. Throughout the year, IBRO **reached on average 156,528** people per month. There were also about **5,500 online interactions** per month where people liked, commented on and shared IBRO social media posts. In addition, **20% of traffic** to ibro.org came from IBRO social media sources

WEBSITE

In 2020, 60,263 users visited the IBRO website ibro.org, approximately 6,000 users per month and 5,000 of those were new users who had not visited before. On average, users stayed on the website for

two minutes and came from virtually every country in the world. The countries with the most users were India, USA, and Nigeria. The figure below shows the geographical distribution.



¹ Number of followers on 31 December 2020.

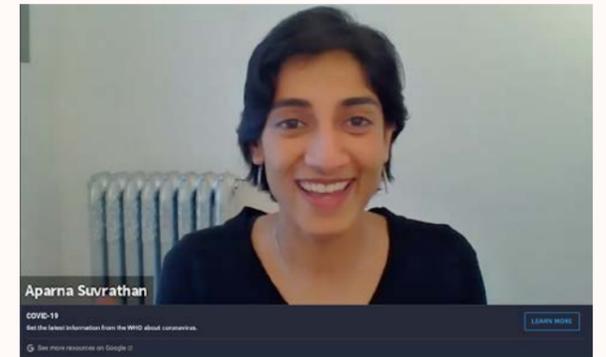
Most of the planned IBRO communications activities were moved online in 2020. In-person meetings and events were cancelled so the focus was shifted to virtual events, meetings and other opportunities. The main events that IBRO participated in were the FENS 2020 Virtual Forum from 11-15 July and the US-based BlackInNeuro launch from 27 July to 2 August. Both generated increased visibility for IBRO as well as new ways to interact online through different

seminar platforms, roll-calls, webinars and networking tools.

IBRO communications work aims to serve its community, including making a positive impact on individual scientists. During BlackInNeuro Week, for instance, IBRO featured black neuroscientists from around the world. One was Nigerian PhD student and IBRO alumnus, John C. Oyem. He was widely shared on Twitter and contributed to

some of IBRO's most-liked posts. As a young scientist and IBRO alumnus, IBRO was able to connect him and others to more than 11,000 people worldwide in a matter of days.

The 11-episode 'IBRO COVID-19 Series: Global Neuroscience Experiences' was launched in 2020 to capture what different brain researchers around the world were undergoing, featuring personal perspectives from the IBRO

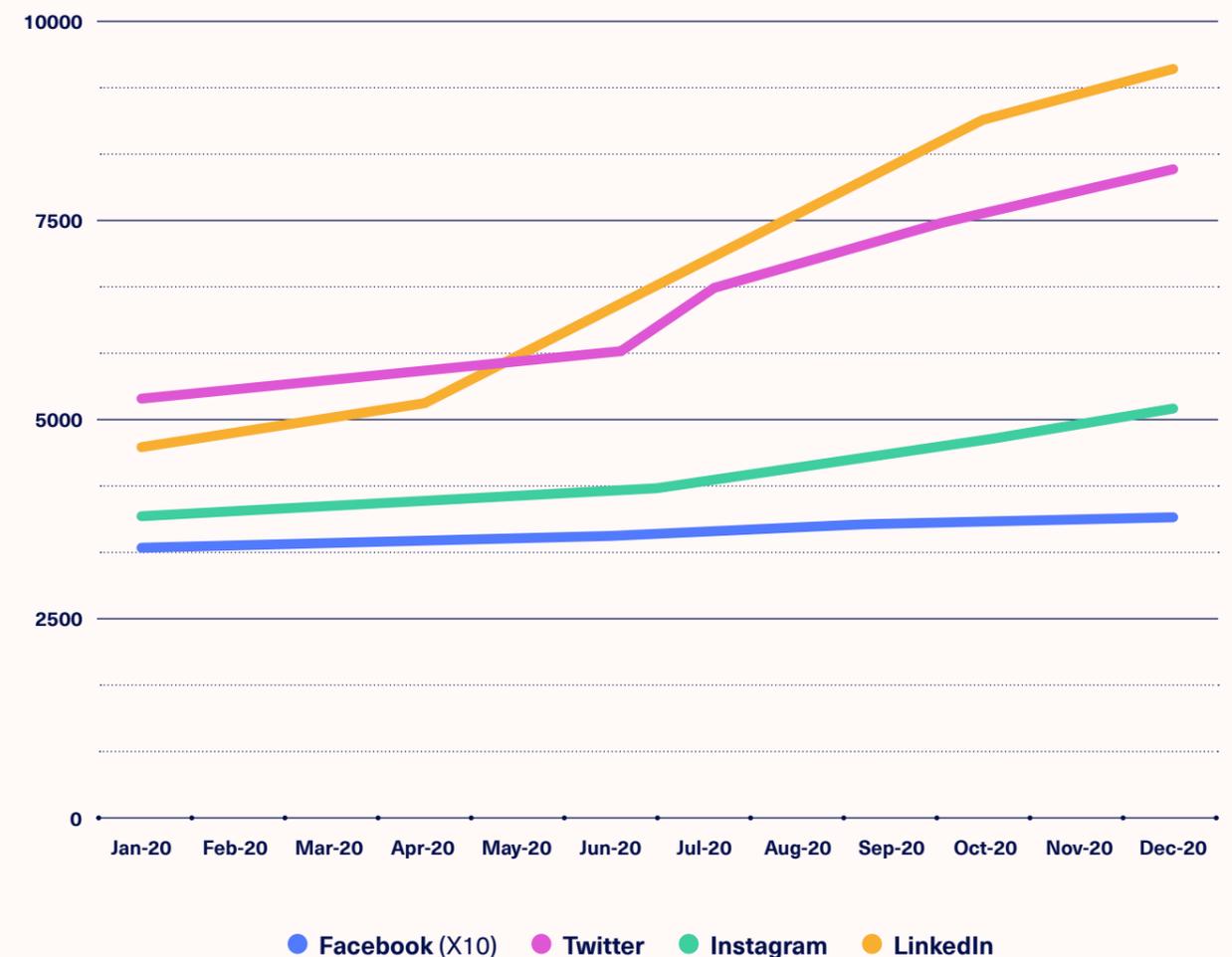


YOUNG IBRO MEMBER Aparna Suvrathan, IBRO COVID-19 Series.



JOHN C. OYEM (center) at the IBRO-UM5 Advanced School on Functional Neuroanatomy

FOLLOWERS

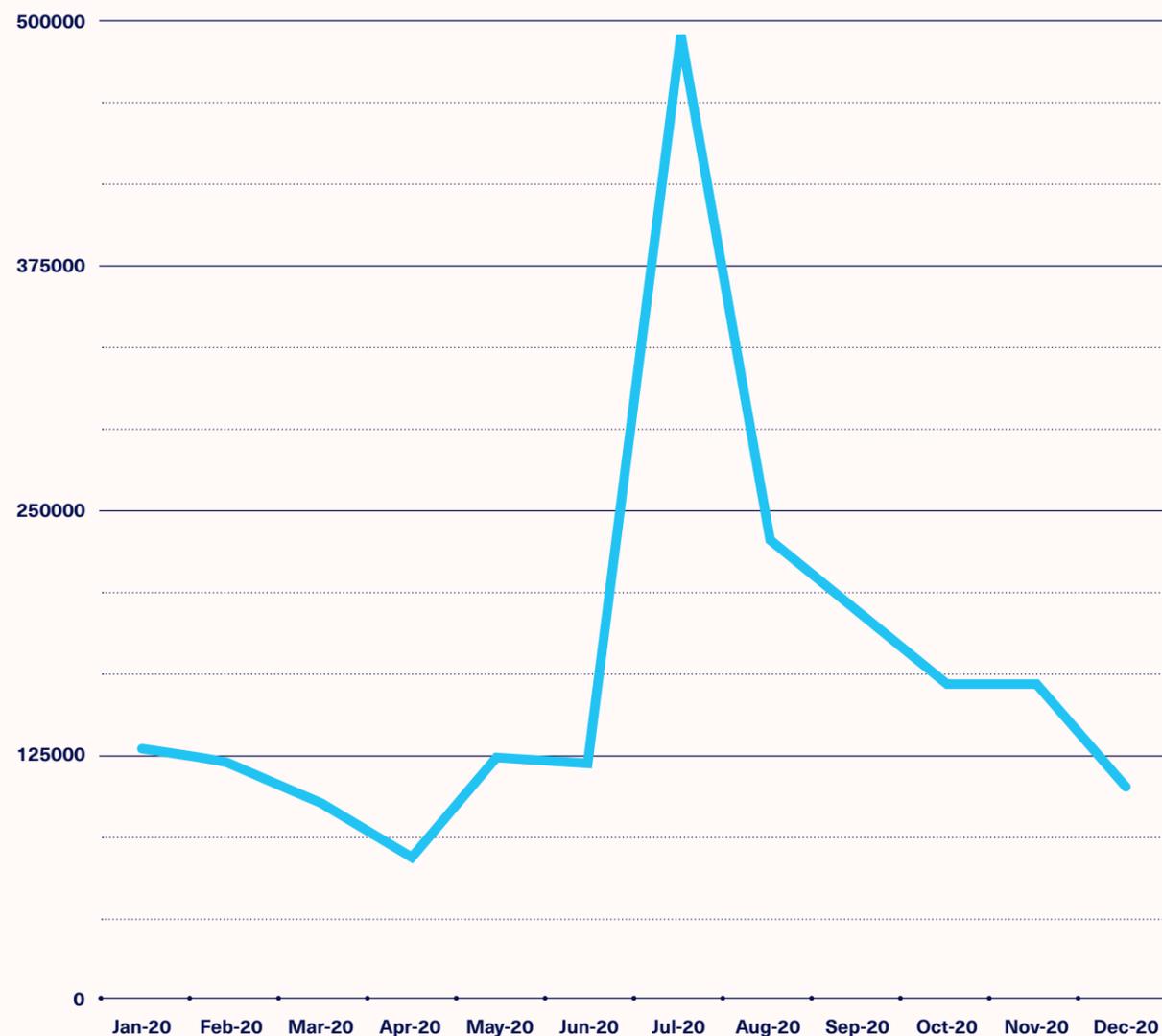


community. The videos that were posted on the IBRO website and shared on social media attracted positive responses from interviewees and audiences. IBRO-ARPC Member, Prof. Pike-See Cheah, even showed the videos to her students at Harvard University to give them a sense of how neuroscientists around the world were coping with the ongoing pandemic.

One of the metrics in which the impact and value of these events for IBRO can be measured is reach. Reach is the number of unique users that come in contact with IBRO content on social media. For example, IBRO's participation in the FENS2020 Virtual Forum and BlackInNeuro Week enabled the organization to connect with nearly half a million users in July.

IBRO On The Horizon

REACH



Throughout 2020, our global IBRO community has risen to tremendously difficult challenges and continued to engage and serve. We have proven that we can survive and thrive under adverse conditions because we are resilient, flexible and committed to identifying and serving the neuroscience needs that exist in the diverse regions of the world.

IBRO is not sustainable as a top-down organization, but rather must be an organization that belongs to its members and is responsive to the unique and specific needs of those members. 2020 has been a difficult year for everyone, but our most vulnerable and marginalized populations have been especially impacted. IBRO stands firm in our commitment to efforts focused on advocacy for and inclusion of these communities.

As we move into 2021, IBRO will reflect on its position of privilege and challenge its community with tough questions for how we have contributed to the improvement of neuroscience training, research and education, and resource availability around the world, but especially for low-resourced and struggling areas. Inclusivity and equity. Let that be the bar we hold ourselves to in 2021. With your continued engagement, IBRO is positioned to lead global neuroscience in this critical mission. We are better when we all have a seat at the table.

Prof. Tracy L. Bale
IBRO President

IBRO Leadership

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University of Maryland School of Medicine
Baltimore, Maryland
USA

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Secretary General
RIKEN Brain Science Institute
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Jerome Sanes (2020-2022)

Treasurer
Brown University
Providence, Rhode Island
USA

Sung-Jin Jeong (2020-2024)

Secretary General Elect
Korea Brain Research Institute
Daegu, South Korea

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Khouribga, Morocco

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Cape Town, South Africa

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Sciences
Kampala, Uganda

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Psychiatrique Saint-Martin
Kinshasa, Democratic Republic of Congo;
Dave, Belgium

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University of Ibadan
Ibadan, Nigeria

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University of Ghana
Accra, Ghana

Desiré Tshala-Katumbay (2019-21)

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Science University
Kinshasa, Democratic Republic of Congo;
Portland, USA

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Alexandria University
Alexandria, Egypt

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Selangor, Malaysia

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Curtin University
Perth, Australia

Aurnab Ghose (2019-21)
India Institute of Science Education and
Research
Pune, India

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Kyoto University
Kyoto, Japan

Bong-Kiun Kaang (Chair, 2016-2020)
Seoul National University
Seoul, South Korea

Battuvshin Lkhagvasuren (2019-21)
Mongolian National University of Medical
Sciences
Ulaanbaatar, Mongolia

Yun Wang (2019-21)
Neuroscience Research Institute,
IDG/McGovern Institute
Peking University
Beijing, China

Wing-Ho Yung (2019-21)
Chinese University of Hong Kong
Hong Kong, China

LATIN AMERICA
Regional Committee

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Instituto de Investigaciones Bioquímicas
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Natal, Brazil

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Institute of Physiology and Biophysics
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School of Medicine & CONICET
Buenos Aires, Argentina

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Clemente Estable
Montevideo, Uruguay

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Mongi Ben Hamida National Institute of
Neurology
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Beirut, Lebanon

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Sultan Qaboos University
Muscat, Oman

Mohamed Herzallah (2018-21)
Al-Quds University
Abu Dis

Hilal A. Lashuel (2014-21)
L'École Polytechnique Fédérale de
Lausanne
Lausanne, Switzerland

Mohamed Salama (2018-21)
Mansoura University
Mansoura, Egypt

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IRCCS Fondazione Istituto Neurologico
Nazionale C. Mondino
Pavia, Italy

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Mainz, Germany

Herta Flor (2018-21)
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Heidelberg, Germany

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Center for Applied Medical Research,
University of Navarra
Pamplona, Spain

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Comenius University in Bratislava
Bratislava, Slovakia

Marina Pizzi (2018-21)
Università degli Studi di Brescia
Brescia, Italy

Emmanuel Valjeant (2020-22)
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Fonctionnelle (IGF)
Montpellier, France

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Pharmacy
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Montreal, Canada

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Montreal, Canada

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New York, USA

Michela Fagiolini (2018-21)
Boston Children's Hospital
Boston, USA

Charles Gilbert (2018-21)
The Rockefeller University
New York, USA

Kurt Haas (2018-21)
University of British Columbia
Vancouver, Canada

Julie Lefebvre (2020-22)
Hospital for Sick Children Research Institute
Toronto, Canada

Ramesh Raghupathi (2020-22)
Drexel University
Philadelphia, USA

Young IBRO
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University of Cape Town
Cape Town, South Africa

Sunday Bisong
University of Calabar
Calabar, Nigeria

ASIA/PACIFIC

Hyoung F. Kim
Sungkyunkwan University
Seoul, South Korea

Liming Wang
Zhejiang University
Hangzhou, China

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Agustin Anastasia
Universidad Nacional de Córdoba
Córdoba, Argentina

Amaicha Mara Depino
University of Buenos Aires
Buenos Aires, Argentina

PAN-EUROPE

Zeljka Krsnik (Chair)
Croatian Institute for Brain Research
Zagreb, Croatia

Urte Neniskyte
Vilnius University
Vilnius, Lithuania

US/CANADA

Arjun Krishnaswamy
McGill University
Montréal, Canada

Aparna Suvrathan
McGill University
Montréal, Canada

IBRO

Member Societies

AFRICA

Association pour la Promotion des Neurosciences (APRONES)

Represented by Dr. Jean-Marie Kashama wa Kashama since 2020

Egyptian Network for Neurodegenerative Disorders (ENND)

Represented by Dr. Mohamed Mosaad Salama since 2019

Ghana Neuroscience Society

Represented by Dr. Patrick Amoateng since 2019

Kenya Society for Neurosciences

Represented by Dr. Nilesh Patel since 2010

Malian Society of Neuroscience

Represented by Dr. Zeinab Kone since 2019

Moroccan Association for Neuroscience

Represented by Dr. Mohammed Bennis since 2009

Neuroscience Group of Egypt

Represented by Dr. Yasser El Wazer since 2017

Neuroscience Society of Nigeria

Represented by Dr. Nuhu Danjuma Mohammed since 2012

Society of Neuroscientists of Africa (SONA)

Represented by Dr. Amadi O. Ihunwo since 2017

Southern African Neuroscience Society (SANS)

Represented by Dr. Fleur Howells since 2018

ASIA/PACIFIC

Australasian Neuroscience Society

Represented by Dr. Cliff Abraham since 2019

Beijing Society for Neuroscience

Represented by Dr. Albert Cheung-Hoi Yu since 2010

Chinese Neuroscience Society

Represented by Dr. Xu Zhang since 2020

Federation of Asian-Oceanian Neuroscience Societies (FAONS)

Represented by Dr. Adhi Wibowo Nurhidayat since 2020

Hong Kong Society of Neurosciences

Represented by Dr. Wing-Ho Yung since 2013

Indian Academy of Neurosciences

Represented by Dr. Prahlad Seth since 2009

Iranian Neuroscience Society

Represented by Dr. Saeed Semnani since 2010

Japan Neuroscience Society

Represented by Dr. Michisuke Yuzaki since 2020

Korea Brain Research Institute

Represented by Dr. Pann-Ghill Suh since 2019

Korean Society for Brain and Neural Science

Represented by Dr. Jeong Eun Lee since 2020

Malaysian Society of Neurosciences

Represented by Dr. Mustapha Muzaimi since 2019

Mongolian Neuroscience Society

Represented by Dr. Battuvshin Lkhagvasuren since 2015

Neuroscience Society of Nepal

Represented by Sunil Dhungel since 2016

Neuroscience Society of Sri Lanka

Represented by Dr. Ranil De Silva since 2016

Pakistan Society of Basic & Applied Neurosciences (PASBAN)

Represented by Dr. Kaneez Fatima Shad since 2009

Philippine Society for Neuroscience

Represented by Dr. Cesar Borlongan since 2010

Singapore Neuroscience Association

Represented by Dr. S. Thameem Dheen since 2009

LATIN AMERICA

Academia de Ciencias de América Latina (ACAL)

Represented by Dr. Horacio Vanegas since 2020

Sociedad Argentina de Investigacion en Neurociencias

Represented by Dr. Liliana Cancela since 2019

Sociedade Brasileira de Neurociencias e Comportamento

Represented by Dr. Anderson Herculano since 2017

Sociedad Chilena de Neurociencia

Represented by Dr. Christian Gonzalez-Billault since 2020

Colegio Colombiano de Neurociencias (COLNE)

Represented by Dr. Zulma Janeth Dueñas Gómez since 2020

CONICET

Represented by Dr. Alejandro Ceccatto since 2017

Cuban Neuroscience Society

Represented by Dr. Carlos Santos-Anzorandia since 2010

Federation of Neuroscience Societies of Latin America and the Caribbean (FALAN)
Represented by Dr. Elaine Del-Bel since 2018

Sociedad Mexicana de Ciencias Fisiológicas
Represented by Dr. Daniel Ortuño since 2020

Society for Neuroscience of Peru (SONEP)
Represented by Dr. Martín Arturo Tipismana Barbarán since 2019

Sociedad de Neurociencia del Uruguay
Represented by Dr. Daniel Olazábal since 2019

Sociedad Venezolana de Ciencias Fisiológicas
Represented by Dr. Horacio Vanegas since 2009

MIDDLE EAST

Ageing and Dementia Research Group (ADRG), Sultan Qaboos University, Oman
Represented by Dr. Mohamed Essa since 2019

Neuroscience Group, United Arab Emirates
Represented by Dr. Abdu Adem since 2009

PAN-EUROPE

Armenian IBRO Association
Represented by Dr. Naira M. Ayvazyan since 2013

Austrian Academy of Sciences
Represented by Dr. Friedrich Barth since 2009

British Neuroscience Association
Represented by Dr. Annette Dolphin since 2019

Bulgarian Neuroscience Society
Represented by Dr. Ivan Milanov since 2014

Croatian Society for Neuroscience
Represented by Dr. Milos Judas since 2013

Czech Neuroscience Society
Represented by Dr. Jiří Paleček since 2017

Danish Society for Neuroscience
Represented by Dr. Jens Bo Nielsen since 2019

Dutch Neurofederation
Represented by Dr. Guus Smit since 2010

European Brain and Behaviour Society
Represented by Dr. Mathias Schmidt since 2019

European Society for Neurochemistry
Represented by Dr. Ago Rincken since 2018

Federation of European Neuroscience Societies (FENS)
Represented by Dr. Jean-Antoine Girault since 2020

Brain Research Society of Finland
Represented by Dr. Pirta Hotulainen since 2020

Société des Neurosciences
Represented by Dr. Luc Buee since 2019

Georgian Neuroscience Association
Represented by Dr. Temur Naneishvili since 2017

German Neuroscience Society
Represented by Dr. Albert C. Ludolph since 2019

Hellenic Society for Neuroscience
Represented by Dr. Kiriaki Sidiropoulou since 2020

Hungarian Neuroscience Society
Represented by Dr. Zoltan Nusser since 2013

Israel Academy of Sciences & Humanities
Represented by Dr. Bob Lapidot since 2015

Israel Society for Neuroscience
Represented by Dr. Gabi Amitai since 2010

Italian Association of NeuroImmunology
Represented by Dr. Carlo Avolio since 2010

Italian Society for Neuroscience
Represented by Dr. Paolo Calabresi since 2020

Lithuanian Neuroscience Association
Represented by Dr. Inga Griskova-Bulanova since 2017

Mediterranean Neuroscience Society
Represented by Dr. Giuseppe Di Giovanni since 2019

Neuroscience Ireland
Represented by Dr. Eilis Dowd since 2017

Norwegian Neuroscience Society
Represented by Clive Bramham since 2017

Polish Neuroscience Society
Represented by Dr. Małgorzata Skup since 2015

Sociedade Portuguesa de Neurociencias
Represented by Dr. Ana Cristina Rego since 2019

National Neuroscience Society of Romania
Represented by Dr. Mihai Moldovan since 2012

Russian Academy of Sciences
Represented by Dr. Vladimir Fortov since 2013

Serbian Neuroscience Society
Represented by Dr. Selma Kanazir since 2016

Slovak Academy of Sciences
Represented by Dr. Nadežda Lukáčová since 2013

Slovak Society for Neuroscience
Represented by Dr. Michael Novak since 2008

Slovenian Neuroscience Association
Represented by Dr. Blaz Koritnik since 2012

Sociedad Española de Neurociencia
Represented by Dr. Joan Comella since 2019

Trisomy 21 Research Society (T21RS, Spain)
Represented by Dr. Maria Martínez since 2020

Royal Swedish Academy of Sciences
Represented by Dr. Cecilia Lundberg since 2013

Swiss Society for Neuroscience
Represented by Dr. Anita Lüthi since 2020

Brain Research Society (BARD) in Turkey
Represented by Dr. Ertas Yurdakos since 2014

Neuroscience Society of Turkey (TUBAS)
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National Academy of Sciences of Ukraine
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US/CANADA

Canadian Association for Neuroscience
Represented by Dr. Charles Bourque since 2020

Canadian Institute of Neuroscience, Mental Health & Addiction (INMHA)
Represented by Dr. Samuel Weiss since 2017

National Academy of Sciences (US)
Represented by Dr. John Hildebrand since 2010

Society for Neuroscience
Represented by Dr. Ramesh Raghupathi since 2018

INTERNATIONAL

The Dana Foundation
Represented by Barbara Gill since 2012

International Behavioral Neuroscience Society (IBNS)
Represented by Dr. Jared Young since 2019

International League Against Epilepsy (ILAE)
Represented by Dr. Edward Bertram since 2017

International Neuroethics Society (INS)
Represented by Dr. Judy Illes since 2017

International Neuroinformatics Coordinating Facility (INCF)
Represented by Dr. Maryann Martone since 2019

International Regulatory Peptide Society (IRPS)
Represented by Dr. Lee Eiden and Dr. Limei Zhang since 2019

International Society of Neuropathology (ISN)
Represented by Dr. Seth Love since 2019

International Society of Psychoneuroendocrinology (ISPNE)
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International Union of Physiological Sciences (IUPS)
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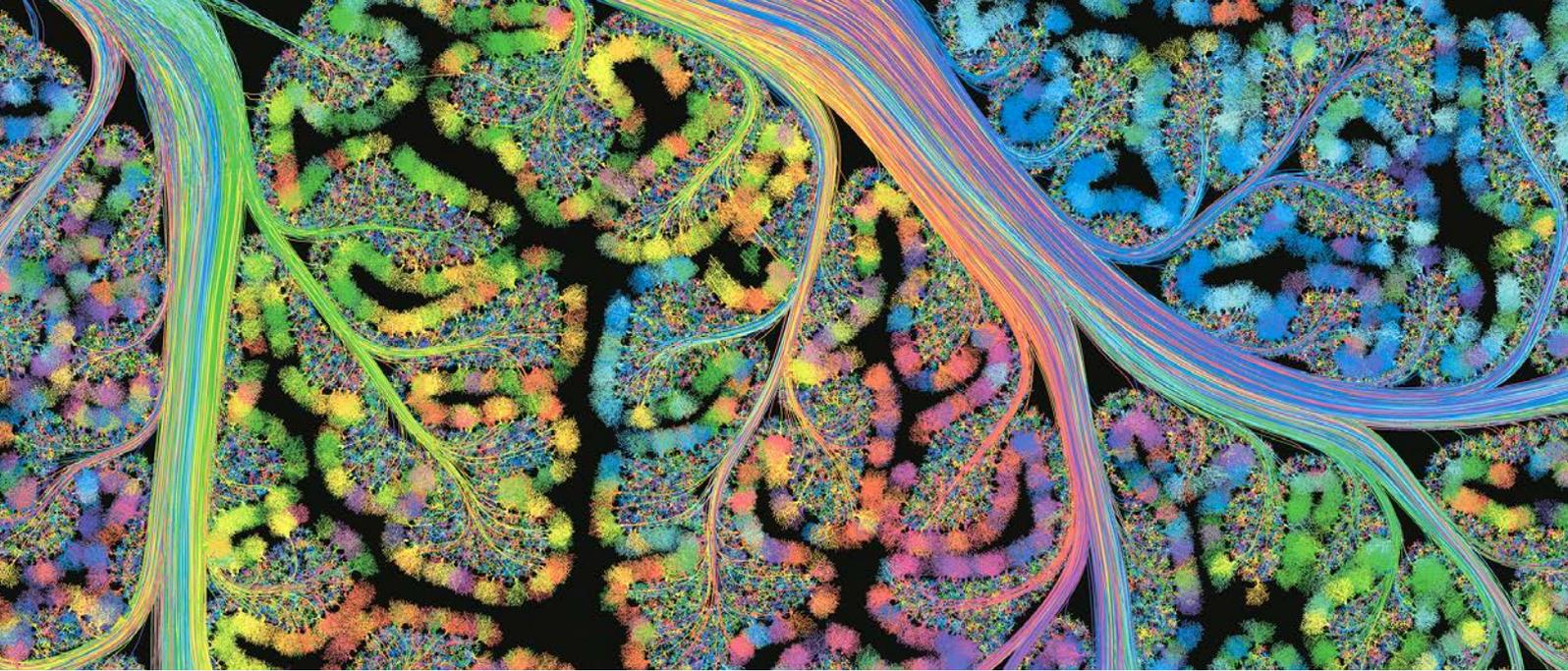
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