EANO EUROPEAN ASSOCIATION OF NEURO-ONCOLOGY



ANNUAL REPORT 2019

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PREFACE

M. van den Bent

2019 has been a productive year for EANO. Under a new board the new committees have been remarkably productive, resulting in a several new European guidelines on brain tumors, and a splendid educational and annual meeting in Lyon. Moreover, the Youngster Committee is alive and kicking, and presents a great promise for the future of EANO.

At the EANO 2019 meeting in Lyon, we also had a first meeting with the gender of disparity group aiming to assess the effects of gender issues in our field. These gender issues are increasingly recognized and a first inventory circulated within the membership of EANO and EORTC BTG supports the existence of these issues in our field as well. Addressing these will help us to advance our society and EANO will establish a committee to face these challenges. 2019 has also been



the year of the launch of Neuro-Oncology Advances (https://academic.oup.com/noa), of which open access journal SNO and EANO are equal partners. Already with the first months after the launch we see an increasing number of submission, and we have full confidence this journal will very soon receive an impact factor.

2019 was also the year of the transition from an organization under Belgian law to an organization under Austrian law. Because of that transition, initiated to allow us to submit tax reports in the same country as the seat of the organization, we have also revised our statutes. We did that with transparency in mind while simultaneously outlining the duration of the board and committee chairs. EANO needs both experience and new, fresh blood. EANO is also less visible in southern and eastern parts of Europa, and we need to improve on that.

As first steps, the EANO winter school will this year be organized in Krakow, Poland, and in 2021 the EANO annual meeting will be held in Vienna. We invite EANO members from these area's to step forward and reach out to us, we will be happy to help advancing the field on neuro-oncology throughout Europe, which is in the end the reason for the existence of EANO!





SCIENTIFIC COMMITTEE

M. Platten

The Scientific Committee (Michael Platten (Chair), Florien Willemijn Boele, Elizabeth Cohen-Jonathan Moyal, Jaime Gállego Pérez de Larraya, Oliver Hanemann, Christian Mawrin, Emilie Le Rhun, Federico Pessina, Stephan Pfister, Manuel Valiente, Salvador Villà i Freixa) has - together with the Young EANO Committee and Executive Board Member(s) - successfully organized the scientific program of the EANO 2019 conference in Lyon with several structural changes that helped increasing the visibility of science within the association and liaising with other national and international Scientific Organizations. Workshops were integrated within the program and the new format of oral session allowed for more visibility of selected oral abstracts and basic science contributions. Dedicated joint sessions with the EANM, EAN and SNO showcased joint efforts with neighbouring societies. The Scientific Committee is looking forward to help organizing the 2020 EANO Congress in Glasgow including the joint EANO/SNO Basic and Translational Brain Tumor Research Dinner Meeting coordinated by Simone Niclou and Manuel Valiente.

EDUCATIONAL COMMITTEE

R. Soffietti

The Educational Committee organised the Education Day at the annual meeting of EANO in Lyon (Thursday, September 19) in cooperation with the EORTC Brain Tumor Group. Three tracks have been developed, one Clinical, One Basic/Translational and on for Nurses. Overall, the attendance of the Educational Day was in line with that of the last EANO congresses, and the comments from participants regarding structure, topics and speakers were generally positive.

One member of the Educational Committee participated at the meeting of SNOSSA (Sub-Saharian Society for Neuro-Oncology) in Cape Town on August 7-8 to discuss the promotion of Education in Neuro-Oncology in Africa.

Further on the Educational Committee is organising the upcoming EANO Winter School in Warsaw (Poland) on March 12-14, 2020 with the main topic "Advances in Neuro-Oncology: How to translate into clinic".

GUIDELINES COMMITTEE

M. Weller

The preparation of guidelines has a very high priority for EANO. Accordingly, a dedicated EANO Guidelines Committee was formed in 2018. In 2019 new guidelines for schwannoma and medulloblastoma (in cooperation with EURACAN) were prepared and accepted for publication in *Neuro-Oncology* and *Lancet Oncology*. In cooperation with ESMO, guidelines for neurological complications of cancer treatment were prepared. Current plans for 2020 include revisions of the guidelines on glioma and primary CNS lymphoma as well as a further joint guideline project on brain metastases from solid tumors together with ESMO.

www.eano.eu/publications/eano-guidelines/

YOUNGSTERS COMMITTEE

A. Berghoff

The EANO Youngsters Committee:

Anna Berghoff (Medical University Vienna, Austria)
Tobias Weiss (University Hospital Zurich, Switzerland)
Aleksandar Stanimirović (Clinical Center Belgrade, Serbia)
Alessia Pellerino (Neurology, University Turin, Italy)
Amelie Darlix (Montpellier Cancer Institute, France)
Asgeir Jakola (Sahlgrenska University Hospital,
Gothenburg, Sweden)

Helen Benghiat (University Hospitals Birmingham, United Kingdom)

Anastasia Vernadou (Sismanoglio Hospital Athens, Greece)
Marjolein Geurts (The Brain Tumor Center at Erasmus MC
Cancer Institute, Rotterdam, the Netherlands)
Carina Thomé (German Cancer Research Center,
Heidelberg, Germany)

EANO Youngsters Mentor: Matthias Preusser (Medical University Vienna, Austria)





ACTIVITIES OF THE EANO YOUNGSTERS INITIATIVE IN 2019

- Actively participating in the EANO Summer School July 25th 27th in Berlin with the topic "Essential (molecular) neuropathology for neuro-oncologists", many Youngsters presented their research and work and participated in workshops. See report below.
- Organization and actively participation of the Youngsters during the 14th EANO conference in Lyon, September 19th 22nd 2019
 - ♦ Second official meeting of EANO youngsters committee
 - ♦ Youngsters Networking Event September 19th: meet discuss collaborate The EANO youngsters networking during EANO 2019 was again well attended. Lively discussion was going on. The current EANO president Martin van den Bent gave a welcome introduction.
 - ♦ Survey during Youngsters Networking event



- ♦ Poster walks during the poster sessions
- ♦ Actively participation of Youngsters during sessions, session chairs, and workshop leaders
- ♦ EANO Youngsters Session on September 22nd
 - » How to write a successful paper Matthias Preusser (Vienna, AT)
 - » Dos and Don'ts in basic science how to make your basic science project count Michael Platten (Mannheim, DE)
 - » What to expect and not to except from your PostDoc time Georg Widhalm (Vienna, AT)
 - » Why Neuro-Oncology has a great work life balance Jacoline Bromberg (Rotterdam, NL)
 - » Highlight: Mentoring session The EANO Youngsters established a mentoring session during the EANO 2019 meeting. 6 mentoring groups headed by 6 senor scientists were open for pre-registration. All groups were well attended, and lively discussion was going on. The feedback for the session was very positive.
- Representatives on the EANO Committees:
 - ♦ Educational Committee (Winter/Summer School): Amélie Darlix
 - ♦ Scientific Committee: Tobias Weiss
 - ♦ Guidelines Committee: Alessia Pellerio
 - ♦ SNO Youngsters Interactions: Marjolein Geurts
 - ♦ Women in Neuro-Oncology: Marjolein Geurts
 - ♦ WFNOS website content: Marjolein Geurts
 - ♦ Board: Anna Berghoff / Matthias Preusser
- EANO Youngsters Facebook Group with currently 213 members: postings on conferences, publications, scientific matters etc.
- Regular telephone conferences with the mentor to discuss and organize the activities
- EANO Youngster Standard Operating Procedure (SOP)
 - The EANO Youngsters updated the SOP. A new procedure to include new members based on a project orientated applications was established. Further, representatives of the EANO youngsters are now in all EANO committee to increase the collaborations and address the specific questions and needs of the Youngsters.
- Outlook for 2020:
 - ♦ Call for new members: Spring 2020
 - \Diamond $\,$ EANO Winter School March $12^{th}-14^{th}$ 2020, Warsaw, Poland
 - ♦ 15th EANO Meeting September 10th 13th 2020, Glasgow, United Kingdom





EANO SUMMER SCHOOL 2019

M. Mair

The EANO Summer School 2019 on "Essential (molecular) neuropathology for neuro-oncologists" took place at the Langenbeck-Virchow-Haus in Berlin on July $25^{th} - 27^{th}$, 2019. Endorsed by the European Confederation of Neuropathological Societies (EURO-CNS), the programme aimed to provide an overview on established molecular markers and future perspectives in the field.

Reflecting the multidisciplinary nature of neuro-oncology, the faculty encompassed renowned speakers from various backgrounds, including neurologists, medical and radio-oncologists, neurosurgeons and - due to the scope of the meeting most prominently - neuropathologists from many European centres. So were the participants, which included youngsters working in different medical specialties, but also students and basic scientists with a focus on neuro-oncology.

The well-conceived programme was divided into a plenary lecture part and interactive workshops. Instructive talks on the 2016 WHO classification, cIMPACT-NOW statements and state-of-the-art testing algorithms helped a lot to catch up with knowledge on molecular tests and the latest developments in tumor classification. Tumor board cases illustrated how molecular markers translate to clinical practice and pave the way for innovative treatment approaches. Further outlooks on DNA/RNA sequencing, DNA methylation, proteomics and immuno-neuro-oncology rounded off the plenary part of the meeting.

The interactive workshops gave us the possibility to share experiences from our own institutions and to discuss day-to-day practice and research issues. Most importantly, the smaller group sizes allowed for a lively discussion on different thoughts and approaches, despite the sweltering heat in Berlin (and it was not noticeably cooler at the venue).

Personally, I left the meeting with a significant increase in knowledge and many ideas to follow in my own research projects. But most valuably, the EANO Summer School (with its social evening in Clärchens Ballhaus!) was an inspiring forum to meet and network with experts and peers from all over Europe, whom I am happy to meet again at future EANO meetings.

In the end, I would like to express my thanks to the organizers of the EANO Summer School and I am looking forward to further educational activities of the EANO Youngsters!

Maximilian Mair Medical University of Vienna





REVIEW EANO 2019 MEETING

J. Honnorat

Thank you very much for being with us in Lyon for attending the EANO 2019

Dear friends and colleagues,

It was a great pleasure to welcome all of you in Lyon and make the EANO 2019 a great meeting, increasing our knowledge to take care of patients with brain tumors. More than 750 participants from 50 different countries and from all the continents participated to the 14th EANO meeting. All the specialties were equally represented with a good percentage of nurses. The scientific presentations showed up a large variety of important subjects in the field of neuro-oncology and was the opportunity to listen to high level lectures about



immunology, low-grade glioma, omics in neuro-oncology, microenvironment, neurological complications of cancer or brain lymphoma. It was also wonderful to see the involvement of young neuro-oncologists in the EANO meeting and organization. The diversity of age and origin of the participants is really a good sign that EANO annual meetings have become a meeting for everybody and is able to attract colleagues from all continents.

The 14th EANO meeting was also the opportunity to discover Lyon, a European city at the crossroads of Europe, listed by UNESCO as a world heritage site with the remains of 20 centuries of History. The participants discovered the high level of gastronomy of the city with its 14 star restaurants and to the typical and charming bistros called "Bouchons". The networking evenings have been the opportunity to visit the City Hall and to have a wonderful cruse with a seated dinner on the Rhone and the Saone.

We were very happy when France and Lyon were given the responsibility for EANO 2019, and it has been a real pleasure to interact with all the members of the EANO executive Board and the EANO scientific committee to develop the program and to organize the meeting.

Many thanks for your contribution and I will be very happy to meet you in Glasgow in September 2020.

Jérôme Honnorat, President EANO 2019 meeting Professor in Neuro-Oncology University Claude Bernard Lyon 1, France







WFNOS

M. Theodorou

The World Federation of Neuro-oncology Society (WFNOS) Magazine has been managed from January 2019 by the two new Managing Editors, Roy Strowd from North Carolina, USA for SNO and Marilena Theodorou from Cyprus for EANO. A great thanks to the previous Managing Editors Roberta Rudà from Torino (EANO) and Nicholas Butowski from San Francisco (SNO) for their hard and excellent work and efforts to transfer the Magazine into the new WFNOS website (www.wfnos.org).

The Magazine has managed to transfer into the website in order to attract national and international societies with the aim of a Global-Neuro-Oncology to recur types of articles with a case presentation and have authors from different regions of the world to describe how they would approach it. This would highlight practice patterns differences, engage global members, and raise questions about better approach for the treatment of brain tumors. The papers are based on published studies, new therapies, and molecular classifications. With the website we are looking forward to growing the neuro-oncology societies and to join the different neuro-specialisations in order to have a common line in the pathway of neuro-oncology.



EANO MATTERS

EANO Young Investigator Awards for EANO 2020

One of the goals of the EANO is to broaden the network of Neuro-Oncology and to support Neuro-Oncologists in their (international research projects.

We are pleased to be able to offer 2020 again several scholarship and award opportunities:

- Young Investigator Travel Scholarships for the EANO 2020 Meeting
- EANO Poster Awards for the best posters presented
- Vienna Medical Academy Award for the best oral presentation for clinical
- EANO Presentation Awards for best oral presentations
- Young Investigator Travel Scholarships to attend the SNO Meeting
- Call for application via the EANO Meeting abstract submission (SNO meeting abstract submission)
 will open beginning of 2020

www.eano.eu/members/eano-youngsters/travel-scholarships/

Congratulation Young Investigator Travel Scholarships 2019

For the EANO 2010 Meeting, we supported nine EANO members with free registration for the meeting, as well as reimbursement for travel and accommodation with up to EUR 800,- Congratulation to the EANO Young Investigator Travel Scholarship receivers 2019: Joanna Bogusiewicz, Yunni Diansari, Antonio Fuentes-Fayos, Alexander Köpp, Virginia Laspidea Ustes, Alberto Picca, Palavalasa Sravya, Matthijs van der Meulen (YITS of Excellence) and Tali Wagner.









EANO also welcomed a delegation of the Asian Society of Neuro-Oncology during the EANO 2019 and is delighted to having supported the following five young delegates with a travel scholarship: Liu Baohui, Aden Chan, Weitao Man, Xiang-Rong Ni and Ji Shi.

EANO also welcomed a delegation of the Chinese Society of Neuro-Oncology during the EANO 2019 and is delighted to having supported the following five young delegates with a travel scholarship: Liu Baohui, Aden Chan, Weitao Man, Xiang-Rong Ni and Ji Shi. In return EANO was very pleased that the CSNO invited three senior EANO members to contribute to their annual meeting taking place in October in Shenyang, China to continue the exchange and friendship.

Congratulation Awards EANO 2019 Meeting

Congratulations to Nadia Younan, awarded for the best oral presentation clinical aspect on the topic of "Radiomics analysis of lower-grade gliomas, a POLA Network study"; Anna Golebiewska awarded for the best, oral presentation pre-clinical aspects on the topic of "Intrinsic tumor plasticity in Glioblastoma allows for recreation of stem like-states and efficient tumor cell adaptation to new microenvironments" and Matthijs van der Meulen awarded for the best oral presentation nursing perspective on the topic of "Impact of the addition of Rituximab to standard therapy with high dose methotrexate on health-related quality of life in primary central nervous system lymphoma patient".

Congratulation Young Investigator Travel Scholarships to attend the SNO annual meeting

Congratulations to EANO Member Johnny Duerinck travel scholarship receiver to attend the annual SNO Meeting in Phoenix, Arizona, US.

First of all, it was already a great honor for me to be able to present our work on immune therapy in glioblastoma on such an important stage. To receive the SNO/EANO scholarship on top of that was a wonderful addition. The SNO Annual conference is always of a very high standard, and this year was no different. There was a large focus on anti-tumor immunity and immune therapy, and I was pleased to see that the work that we are doing in our center, combining surgery and local administration with systemically administered immune therapy, is in line with what the international community is doing, albeit with some unique differences. This award and presentation has been a validation for us and will stimulate us to pursue our quest for adequate treatment for glioblastoma.

Best regards, and thanks to EANO for this opportunity, Johnny Duerinck





FORTHCOMING EVENTS

EANO Meeting 2020

Dear friends and colleagues,

It is an honour and a great pleasure to invite you to join us in Glasgow for the 15^{th} annual EANO meeting which will take place from 10 - 13 September 2020.

The Scientific Committee has paid close attention to feedback from previous meetings and to the rapidly evolving landscape of neuro-oncology research to develop a highly multi-disciplinary programme that we are confident will be of interest to the full spectrum of EANO members. As usual, the conference will kick off with an Education Day on 10^{th} September and the main program will commence on Friday 11^{th} September.

Invited speakers from across the globe will present the latest clinical trial outcomes and highlight key advances in basic and translational science. Key clinical themes of the Glasgow 2020 meeting will include experimental and combination therapies, the latest radiation oncology technologies, neurosurgical precision tools and advanced imaging modalities. These will synergise with our scientific themes, which include experimental models, radiation biology, advanced imaging, multilayer diagnostics and tumour heterogeneity.



Glasgow is now firmly established as a 'first choice' city for international conferences and events. Boasting a rich heritage of science, medicine and innovation, the city is also steeped in history and culture and in 2019 was named as the 'Cultural and Creative Capital of the UK' by the European Commission. The same report also rated Glasgow as the best UK city for 'openness, tolerance and trust'. Home to Scottish Opera, the Royal Scottish National Orchestra, Scottish Ballet, Glasgow is a UNESCO City of Music as well as an international leader in contemporary art and design.

The city is on the doorstep of some of the world's most beautiful scenery, with tranquil lochs, towering mountains, ancient castles, world renowned golf courses, captivating whisky distilleries and scenic Hebridean islands all within an hour's journey from the city. Within the city you will find elegant Victorian, Art Nouveau and modernist architecture; verdant parks, gardens and rivers; and a wealth of affordable, atmospheric and innovative restaurants and bars.

We are delighted to welcome you to EANO 2020 and hope you will take the opportunity to extend your stay and experience a magical and memorable taste of Scotland.

Anthony Chalmers, President EANO 2020 Meeting Martin van den Bent, President EANO

WINTER SCHOOL 2020

EANO 2020 WINTER SCHOOL Advances in Neuro-Oncology: how to translate into clinic MARCH 12 - 14, 2020 WARSAW / POLAND The END Water Stand aim to provide an update of the recent advanced in the pathogeness and the recent advanced of the recent advanced

EANO 2021



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