

# Brain Research Africa Initiative (BRAIN)



[www.brainfrica.org](http://www.brainfrica.org)

## 4<sup>th</sup> Brain Week in Cameroon, CEMAC & CEEAC (BWC<sup>3</sup>): 22<sup>nd</sup> July & 22<sup>nd</sup> - 29<sup>th</sup> October 2022

*Under the distinguished patronage of H.E. The Prime Minister, Head of Government of  
Cameroon*

- World Brain Day: 22<sup>nd</sup> July 2022
- Advanced Neuroanatomy Course & Workshop: 24<sup>th</sup> & 25<sup>th</sup> October 2022
- Scientific Writing & Research Projects Workshop: 24<sup>th</sup> & 25<sup>th</sup> October 2022
- Stereology Course: 24<sup>th</sup> & 25<sup>th</sup> October 2022
- BRAIN Trust Tournament in Cameroon, CEMAC and CEEAC: 24<sup>th</sup> & 25<sup>th</sup> October 2022
- BRAIN-SCAN Congress 1.5: 26<sup>th</sup>–28<sup>th</sup> October 2022, FMBS-UY I
- Meeting (GA) of the Society of Cameroonian Neurologists (SCAN): 24<sup>th</sup> October 2022, FMBS-UY I
- Meeting of Cameroonian Neurosurgeons: 25<sup>th</sup> October 2022, FMBS-UY I
- Meeting of Cameroonian Psychiatrists: 25<sup>th</sup> October 2022, FMBS-UY I
- World Stroke Day: 29<sup>th</sup> October 2022

## **Theme:**

***Vascular Neurology in Sub Saharan Africa:  
Experiences, Challenges and Perspectives***

# Scientific Programme

**STROKE AWARENESS ACTIVITIES AND FREE CONSULTATIONS  
NATIONWIDE, 22<sup>nd</sup> – 29<sup>th</sup> October 2022**

**CULMINATING ON THE WORLD STROKE DAY**

**Pre-Congress EVENTS: 24<sup>th</sup> – 25<sup>th</sup> October 2022**

<b>E1-HOW TO WRITE A GOOD RESEARCH ARTICLE &amp; RESEARCH PROJECTS: Conception to Implementation</b>	<i>In collaboration with the Harvard University, Lancet and Science Publishing Groups (USA) and The University of Fribourg (CH):</i>
<b>E2-ADVANCED NEUROANATOMY COURSE: Non-cadaver neurosimulation course with UpSurgeOn</b>	<i>In collaboration with WFNS Young Neurosurgeons Forum</i>
<b>E3-STEREOLOGY COURSE: Methods and Applications in Basic and Clinical Neuroscience</b>	<i>In collaboration with the Turkish Society for Stereology</i>
<b>E4-BRAIN TRUST TOURNAMENT: Neuroscience Competition (medical student teams from CEMAC)</b>	<i>In collaboration with the Faculties of Medicine of CEMAC</i>



**TURKISH  
SOCIETY FOR  
STEREOLOGY**



**E1. HOW TO WRITE A GOOD RESEARCH ARTICLE & RESEARCH PROJECTS: Conception to Implementation**

24 <sup>th</sup> October 2022, Monday		25 <sup>th</sup> October 2022, Tuesday	
07:30-8:30	Registration	Module 3	Introduction, discussion, conclusion
08:35-9:00	Introduction	08:00-08:25	Introduction section
Module 1	Writing methodologies	08:30-08:55	Discussion and Conclusion sections
09:00-09:15	Welcome and introductions	09:00-10:20	Practical Exercise 4
09:15-09:30	What Makes a Great Paper? – Example of what top tier journal editors look for in a manuscript	10:25-10:40	Break
09:30-09:45	Elements of Writing Style – The golden rules of writing and structuring the text in your paper	10:40-11:15	Collective evaluation 3
09:45-10:00	Titles and Abstracts– How to create an engaging and brief Title and Abstract	11:20-12:15	Presentations by Publishing bodies & Journals
10:00-10:30	Practical Exercise 1: Writing a Title and abstract	12:20-13:30	LUNCH
10:30-10:45	Break	Module 4	Planning & Implementing Research Projects
10:45-11:00	From Introduction to Conclusion –A guide to structuring each part of the paper to facilitate clear writing	13:35-14:00	Scientific Research Planning
11:00-11:15	Figure Presentation – An interactive module on designing clear and informative figures & tables	14:05-14:30	Scientific Research Implementation
11:15-11:30	Authorship and Authors' Responsibilities – The contributing criteria for authorship and the responsibilities of an author	14:35-15:55	Practical Exercise 5
11:30-11:45	Practical Exercise 2: Who Should Be an Author?	16:00-16:50	Collective evaluation 4
11:45-12:00	Plagiarism and Other Ethical Issues – Why misconduct happens, what it looks like and what to do about it	16:55-17:30	Q&A and feedback
12:00-12:30	Q&A and feedback	17:35-18:00	Presentation of certificates
12:30-13:30	LUNCH		
Module 2	Data presentation and description		
13:35-14:00	Methods and Results sections		
14:05-14:30	How to design and export figures with MS PowerPoint		
14:35-15:55	Practical Exercise 3		
16:00-16:50	Collective evaluation 2		
16:55-17:30	Discussion & evaluation of training day 1		

Chairs: Pr. Jean Marie Annoni, University of Fribourg, CH	
Dr. Joelle Chabwine, University of Fribourg, CH / Dr. Lorella Vecchio, CSHD, Garoua & BRAIN, CMR	
Pr. Jean Marie Annoni, University of Fribourg, CH / Dr. Ignatius Esene Univ. Bamenda & BRAIN, CMR	
Participants and Faculty	
Participants and Faculty: Dr. Joseph Siewe, BRAIN	
Lancet, Science Publishing Groups, BRAIN Communications & Health Sciences and Disease	
Chair: Dr. Joelle Chabwine, University of Fribourg, CH	
Pr. Jean Marie Annoni, Univ. Fribourg, CH	
Dr. Joelle Chabwine University of Fribourg, CH	
Participants and Faculty	
Participants and Faculty: led by Dr. Joseph Siewe, BRAIN	

**E2. ADVANCED NEUROANATOMY COURSE: Non-cadaver neurosimulation course with UpSurgeOn**

24 <sup>th</sup> October 2022, Monday		25 <sup>th</sup> October 2022, Tuesday	
9:00-9:10	Introduction	Prof. J. Ze Minkande, Prof A. Njamnshi Pr. V. Eyenga & Prof. V. Djentcheu	Basic surgical approaches for medical residents: Experimental Neurosurgery Room of the Yaoundé General Hospital
9:10-9:30	How to Study Anatomy of Nervous System	Prof Edward Fomekong	
9:30-9:45	Overview of Nervous System Anatomy & Neuro-Simulation	Dr Ignatius Esene	
9:45-10:05	Surface anatomy of the Brain	Dr. Samuel Angwafor,	
10:05-10:25	Basal Ganglia	Prof. Seke Eiet PF	
10:25-10:45	Diencephalon	Dr. Roland Nchufor,	
10:45-11:05	Brain Stem I- Brainstem	Dr. Cyrille Duquesne Nkouonlack,	
11:05-11:25	Brain Stem I- CN	Prof Edward Fomekong	
11:25-11:45	Brain Stem II- Cerebellum	Dr. Ignatius Esene,	
11:45-12:00	Ventricular System/Meninges	Dr. Atangana Ernestine / Dr Figuim Bello	
<b>COFFEE BREAK</b>			
12:30-12:50	Arteries of the Brain	Dr. Leonard Ngarka	
12:50-13:10	Veins of the Brain	Dr. Alain Jibia	
13:10-13:30	The Nasal Cavity	Dr. Adele-Rose Nyeki-Belli/Prof Njock	
13:30-13:55	The Orbit	Prof. Viola Dohvoma/Prof Ebana Mvogo C.	
13:55-14:15	Neuro-anatomy for Psychiatrists	Dr. Christian Eyoum, / Prof Nlone	
14:15-14:35	Radiological Anatomy of the Brain	Dr. Maguy Mbede /Prof Ongolo	
14:35-14:45	Studying Neuroanatomy: Barriers and Challenges	Dr. Kelvine Nkenfou	
14:45-15:00	Overview of Skull Bones and Common Surgical Approaches to the Brain for Medical Students	Dr. Ignatius Esene	
<b>WORKSHOP</b>			
15:00-18:00	Virtual Reality	Faculty	

9:00-18:00	Faculty
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PART A- Lectures	TARGET	TIME	VENUE
PART A- Lectures	Medical Students Junior Doctors	9:00-15:00	FMBS Yaoundé
PART B- Virtual Reality	Medical Students Junior Doctors	15:00-18:00	Anatomy Lab, FMBS-UYI
PART B- Virtual Reality & Hands On	Residents (Neurology, Neurosurgery, Psychiatry, ENT, Ophthalmologists)	Day 2	Experimental Neurosurgery Room of the Yaoundé General Hospital



**E3. STEREOLOGY COURSE: Methods and applications in Basic and Clinical Neuroscience**

24 <sup>th</sup> October 2022, Monday		25 <sup>th</sup> October 2022, Tuesday	
13:30-15:25	<b>Module 1: Stereology in basic and clinical neuroscience</b>	09:15-11:10	<b>Module 3: Practical applications of stereology</b>
<b>Chaired by:</b>	<i>Pr Paul F. Seke Etef, University of Garoua &amp; BRAIN, Cameroon</i>	<b>Chaired by:</b>	<i>Pr Armel H. Nwabo Kamdje, University of Garoua &amp; BRAIN, Cameroon</i>
13:30-13:55	Introduction to Stereology and Sampling Strategy in Stereology	09:15-09:40	Evaluation of stereological data: Coefficient error and coefficient variation
	<i>Pr Suleyman Kaplan, Ondokuz Mays University, Turkey</i>		<i>Dr. Gamze Altun, Ondokuz Mays University, Turkey</i>
14:00-14:25	Stereology in neuroscience: Principles and practice	09:45-10:10	Calculation of grey and white matter volume in musicians and non-musicians using different SPM toolbox
	<i>Pr Berrin Z. Altunkaynak, Okan University, Turkey</i>		<i>Pr Suleyman Kaplan, Ondokuz Mays University, Turkey</i>
14:30-14:55	Stereological estimation of peripheral nerve fibers	10:15-10:40	The use of stereology in dentistry, clinical and research settings
	<i>Dr. Arife. Ahsen Kaplan, Istanbul Medipol University, Turkey</i>		<i>Dr. Abubaker Elhaj Farg, Ondokuz Mays University</i>
q	Discussion	10:45-11:10	Discussion
15:30-15:45	<b>COFFEE BREAK</b>	11:15-12:10	Basics on tissue staining, labelling, and analysis with brightfield microscopy
15:45-17:40	<b>Module 2: Particle number &amp; volume estimation methods</b>	12:15-13:25	<b>LUNCH</b>
<b>Chaired by:</b>	<i>Pr Sefir Djiogue, University of Yaoundé I, Cameroon</i>	13:30-15:25	<b>Module 4: Workshop</b>
15:45-16:10	Estimation of particle number on physical and optical sections: Physical and optical disector	13:30-15:25	<b>How to use free software for stereological counts of cells on stained tissue sections</b>
	<i>Dr. Kymet K. Tufekç, Kastamonu University, Turkey</i>		<i>Pr Paul F. Seke Etef, University of Garoua &amp; BRAIN, CMR</i>
16:15-16:40	Estimation of volume and volume fraction on macroscopic and radiological sections	15:30-15:55	Discussion
	<i>Dr. İşınsu Alkan, Nevşehir Hacı Bektaş University, Turkey</i>	16:00-16:40	<b>Presentation of certificates</b>
16:45-17:10	Estimation of particle number on physical and optical sections: Physical and optical fractionator		
	<i>Dr. Omur G. Deniz, Bolu Abant İzzet Baysal University, Turkey</i>		
17:15-17:40	Discussion		

**E4. BRAIN TRUST TOURNAMENT: Neuroscience Competition (15 medical student teams from CEMAC-CEEAC)**



**BRAIN**

**NEUROLOGIE VASCULAIRE EN AFRIQUE SUB-SAHARIENNE**  
*Expériences, Défis & Perspectives*

**BRAIN TRUST TOURNAMENT**

The **BRAIN Trust Tournament** is an initiative of **BRAIN**, organized as part of the pre-congress activities preceding the **BRAIN/SCAN Congress 1.5** in 2022 and as part of the **BRAIN Week** in Cameroon, CEMAC & CEEAC.

**Concept:** For us in **BRAIN**, our brains are our Trust as "our brains are our wealth". One of the ways of promoting brain health is through intellectual activity and educational theory informs us that: learning occurs best in a social interactive context.

**Goals:** Therefore, the **BRAIN Trust Tournament** is exciting and innovating intellectual exercise with the following objectives (**T.R.U.S.T.**):

- **Trace** and track hidden passion for brain science amongst the young generations
- **Render** accessible brain science information to African students
- **Unravel** and demystify the neurosciences in the minds of future healthcare providers
- **Stimulate** interest and create a passion amongst young medical students for the neurosciences
- **Train** and nurture future leaders in the field of neurosciences who will play a major role in the development of nation building in the African continent

**BRAIN TRUST TOURNAMENT**

**Scope:** **BRAIN Trust Tournament (BRAIN TT)** is an international competition involving teams of medical students from faculties of Medicine in the CEMAC-CEEAC region who will challenge one another in the fields of basic neuroscience, neurology, neurosurgery and psychiatry. Each faculty will be requested to provide a gender-balanced team of three students, one each from **L3, M1 and M2**. All teams will simultaneously compete in a two-rounds strictly online tournament, thus allowing for distant participation. List of team members is validated by Dean or Vice Dean for students' affairs of the Faculty.

The 1st round will hold on Monday 24th October from 12:30 and the competing teams will complete the online test comprising 30 multiple choice questions (MCQs) to be answered in an hour. The winners of this round will qualify for the finals which will take place on 25th October from 12:30-1:30pm, on a different set of MCQs.

Access to the competition platform will be through the **BRAIN** website [www.brainafrika.org](http://www.brainafrika.org). Access for the **BRAIN TT** will only be during the time frame allocated to the event. A good quality internet connection will thus be required to complete the competition. Team Captain's contacts will be required for access.

**Scores & Ceremony:** The best three teams by order of merit after evaluation by a multi-disciplinary and multi-faculty Jury will be solemnly announced and the awards presented to the winning faculty teams during the opening ceremony of the **BRAIN-SCAN congress 1.5** on the 26th October 2022.

Further details can be obtained from the congress secretariat: (+237 675005675 / +237 699519676) or from the **BRAIN** focal points in the different academic institutions.

*Plus d'information*

30 - 31 OCTOBRE 2022  
 FACULTÉ DE MÉDECINE ET DES SCIENCES BIOMÉDICALES / UST  
 CONGRESS@BRAINAFRICA.ORG +237 620-034-258 WWW.BRAINAFRICA.ORG

**INSCRIVEZ-VOUS SUR LE SITE WEB DE BRAIN**



**BRAIN-SCAN Congress 1.5, 26th to 28th October 2022**  
**26th October 2022, Wednesday**

07:30-9:00	Registration				
<b>09:15-10:20 OPENING CEREMONY</b>					
09:15-09:45	Speeches of the authorities				
09:45-09:50	The Monkosso-Muna BRAIN Lecture				
09:50-10:00	Plenary session 1: Title: Stroke stroke, to accelerate the economic development of Sub-Saharan Africa			By: Pr Pierre Ongolo-Zogo, Yaoundé, Cameroon	
10:00-10:20	Plenary session 2: Title Preventing stroke, heart disease, and dementia together			By: Pr Vladimir Hachinski, Ontario, Canada	
10:25-12:10	Stand visits				
12:15-13:25	LUNCH				
<b>SYMPOSIUM</b>					
<b>S1: The multidisciplinary approach in the management of stroke: The Swiss-Cameroon Collaboration</b>					
Chaired by:	Pr Roman Schätzl (Geneva, CH) & Pr Alfred K. Njami (Yaoundé, CMR)				
13:30-13:55	Management of stroke in the acute phase & setting stroke units in SSA	Pr Sjaziel R. (Geneva, CH) & Dr Chokole E. (Yaoundé, CMR)			
	Sleep and stroke: A bidirectional relation	Dr Peng S. (Geneva, CH) & Dr Mor L.N. (Yaoundé, CMR)			
14:00-14:25	Cerebral plasticity & post-stroke recovery	Pr Chazwira J. (Fribourg, CH) & Dr Njamshi W.Y. (Bournemouth, UK-Yob, CMR)			
	Stroke rehabilitation: bilingualism & neurorehabilitation in language recovery post-stroke	Pr Anzou J.M. (Fribourg, CH) & Dr Temgoua M. (Yaoundé, CMR)			
14:30-14:55	Current situation and challenges of setting stroke units in Sub-Saharan Africa	Pr Mepoure Y. (Douala, CMR) & Dr. Mengjo M.K. (Yaoundé, CMR)			
15:00-15:25	Discussion (practical perspectives: acute stroke and post stroke management and research)				
<b>COFFEE BREAK</b>					
15:30-15:45					
<b>S4: Stroke Mortality &amp; Vascular dementia in SSA</b>					
Chaired by:	Pr Kingue S. (Yaoundé, CMR) & Pr Koua P. (Libreville, Gabon)				
15:45-16:10	The burden of stroke mortality & Factors associated with in-hospital mortality	Pr Kouate K. & Dr Yeyijio F. (Yaoundé CMR)			
<b>S2: Drug addiction</b>					
	Pr Félixier More Enyeme (Yaoundé, CMR)				
	Epidemiology of psychoactive substances consumption in Cameroon	Dr Komagne T. (Douala, CMR)			
	Drug addiction: a real scourge in our society	Dr Kampa Olen J.P. (Yaoundé, CMR)			
	Response policy against drug addiction in Cameroon	Dr Menguena J.L. (Yaoundé, CMR)			
	Discussion				
<b>S3: Vascular and tumour neurosurgery</b>					
	Pr Vincent Djentcheu (Yaoundé, CMR), Pr Edward Fomekong (Brussels, Belgium)				
	Sub arachnoid haemorrhage	Dr Heman O. (Yaoundé, CMR)			
	Management of meningioma	Dr Mikele Messanga (Yaoundé, CMR)			
	Transphenoidal surgery for pituitary adenomas. Single centre experience and results with intraoperative magnetic resonance imaging	Pr Edward Fomekong (Brussels, Belgium)			
	The challenge of management of ruptured aneurysm in Cameroon	Pr Vincent Djentcheu (Yaoundé, CMR)			
	Discussion				
<b>S5: Violence and mental health</b>					
	Pr Njengue E. (Douala, CMR), Pr Kouate C. (Yob-CMR)				
	Violence at work in Cameroon	Dr Amougou Njigui M. (Douala, CMR)			
<b>S6: Spine diseases</b>					
	Pr Eyenga Victor & Pr Estiene Agnes (Yaoundé, CMR)				
	Spinopelvic parameters and their implications	Dr Ncholor R. (Bamenda, CMR)			



16:15-16:40	Reducing stroke mortality in sub-Saharan Africa: the 00's and don'ts	Pr Njannishi A (Yaoundé, CMR) & Dr Angwafor S. (Bamenda, CMR)	Violence and post-traumatic stress disorder in Cameroon	Dr Eyom C. (Douala, CMR)	Degenerative spine diseases and outcome measurement tools	Dr Figuim B. (Yaoundé, CMR)
16:45-17:10	Translational research on dementia in Lausanne: From understanding to diagnoses	Dr Kevin Richetin (Lausanne, CH) & Dr Luc Belinga Lausanne, CH & Yde, CMR.)	Promotion, protection of mental health: community-based psychiatry	Pr Nkone F. (Yaoundé, CMR)	Burden of spine diseases in Cameroon	Pr Eyenga V. (Yaoundé, CMR)
17:15-17:40	Discussion		Discussion		Discussion	

**27th October 2022**

08:00-09:10	Roundtable conference <u>in honour of Prof Guillaume ATCHOU</u> : Physical Activity/education & the Brain: Beyond Entertainment	
	Chaired by: Pr Ebouadi Ngoua, Pr Mouelle Kombi & H.E. Roger Milla Panellists: Dr Koelle Maryim F., Pr Assomo Mbemba P, Pr Mandengue S, Pr Njannishi A	

SYMPOSIA		
09:15-11:10	S7: Neurovascular pathology in paediatrics	
Chaired by:	Pr Obama-Ondou M.T. & Pr Nguifack S. (Yaoundé, CMR)	
09:15-09:40	Particularity of stroke of the child	Pr Mbonda E. (Yaoundé, CMR)
09:45-10:10	Infectious diseases and stroke	Pr Nguifack S. (Yaoundé, CMR)
10:15-10:40	Haematological pathologies and stroke	Pr Mbassi Awa & Pr Poudy A. (Yde, CMR)
10:45-11:10	Discussion	
11:15-12:10	POSTER SESSION	
12:15-13:25	LUNCH	
WORKSHOPS		
13:30-15:25	W1: Movement disorders	W2: Psychiatric observation

15:30-15:45	COFFEE BREAK	
ORAL PRESENTATIONS		
15:50-17:20	Group 1	
Chaired by:	Pr Mbassi Awa (Yaoundé, CMR) & Dr Joelle Chabwine (Fribourg, CH)	
15:50-16:00	Les accidents vasculaires cérébraux admis en réanimation à L'Hôpital d'Instruction des Armées Omar Bongo Ondimba : aspects épidémiologiques et pronostics	Pr Romain Tchoua, Gabon
Group 2		
Chaired by:	Pr Nguifack L. (Yaoundé, CMR) & Pr Mepoure Y. (Douala, CMR)	
15:50-16:00	Neurohobia among students of the Faculty of Medicine and Pharmaceutical Sciences of the University of Douang, Cameroon	Dr Yamouk Fongang, Cameroon
Group 3		
Chaired by:	Pr Agnes Esaine (Yde, CMR) & Pr Motah Mathieu (Douala, CMR)	
15:50-16:00	Adult and paediatric spinal deformities	Dr Ben Djoubairou, Cameroon



16:00-16:10	Infarctus protubéranti latéral gauche sur occlusion du tronc basilaire, thrombolysé et thrombectomisé d'évolution favorable	Dr Chermine Mbountou, Gabon	Usage des substances psychoactives chez les enfants de la rue de Yaoundé	Dr Varela Maboukoua, Cameroun	Results of lumbar spine stenosis surgery	Dr Bello Fiquin, Cameroun
16:10-16:20	Aspects sociodémographiques et cliniques des troubles bipolaires à l'hôpital Laquintine de Douala	Dr. Youomena Tsowa, Cameroun	Caractéristiques et comorbidités des usagers en consultation d'addictologie à l'hôpital Jamot de Yaoundé	Dr Guy C.V. Mbongo O, Cameroun	Result of surgery of rupture aneurysm in Cameroon	Dr Oumarou Haman, Cameroun
16:20-16:30	Stroke Associated with Covid-19 at the Yaoundé General Hospital, Cameroon: Series of 10 Cases	Dr Paul-Cédric Mbonda, Cameroun	Profil épidémiologique et clinique des consommateurs de cannabis au service de psychiatrie "X" de l'hôpital Jamot de psychiatrie	Dr Jonas Bassagun, Cameroun	Spinal injury	Dr Alain Jibia, Cameroun
16:30-16:40	Cost evaluation of the epilepsy management in patients following in Fann teaching hospital of Dakar (Senegal)	Dr Gueumekane Bia L.E., Cameroun	Development of an addicology care algorithm in a hospital in Sub-Saharan Africa - Experience of the Center for Life at the Yaoundé CH	Dr Marlène K. Kemme, Cameroun	Prevalence and risk factors of mental health disorders among inmates at the Bués central prison	Dr Lemoundem Eliaboh, Cameroun
16:45-17:20	Discussion		Discussion		Discussion	

**28<sup>th</sup> October 2022**

08:00-9:10	<b>Roundtable conference for staged national stroke recommendations</b>		<b>Title: Managing Stroke through a Primary Health Care lens</b>	
<b>Chaired by:</b>	Prs Ze Minkande, Njamshi, Djemitchou, Ongolo		<b>Panellists:</b> Dr Yeyiwo F. (Yaoundé, CMR) Dr Bergano R. (Yaoundé, CMR) Dr Tempoue (Yaoundé, CMR) Dr. Mehari Gebreyohannis (Texas, USA) Pr Stülzgen R. (Geneva, CH)	
<b>SYMPOSIA</b>				
<b>S10: Stroke prevention &amp; management: the potential of improved complementary and alternative medicine</b>				
<b>Chaired by:</b>	Pr Elisabeth Ngo Bum (Maroua, Cameroon)			
09:15-10:40	Nutritional potential for stroke prevention and management: contributions from nutritionists and dietitians	Mr Alishoung L. & Cameroon Association of Nutritionists (Yaoundé, CMR)	Introduction and classification of sleep disorders	Dr Mbr L. (Yaoundé, CMR)
10:45-11:10	The challenges of identifying and marketing herbal remedies in Cameroon	Pr Saka Etat P.F. (Garoua, CMR) & Pr Djogoue S. (Yaoundé, CMR)	Insomnias: From Diagnosis to management	Dr S. Perig (Geneva, CH),
11:15-11:40	Benefits and Challenges of Implementing Regular Physical Activity to Improve Quality of Life in Cameroon	Pr Assomo Ndemba P.B., (Yaoundé, CMR)	Hypertension: Diagnosis to Management: The Role of Sleep Patient Associations	Dr Poku V. (Yaoundé, CMR) Dr Mbr L. & Mrs Tchoufo M
11:45-12:10	Discussion			
12:15-13:25	<b>LUNCH</b>			
<b>S11: Sleep medicine</b>				
Dr Perig S. (Geneva, CH) & Pr Peñura E.W. (Yaoundé, CMR)				
<b>S12: Research in neurotraumatology</b>				
Pr Ze Minkande J. & Pr Eyenga V. (Yaoundé, CMR)				
Research in neurosurgery				
Dr Esene J. (Bamenda, CMR)				
Traumatic brain injury				
Pr Molah M. (Douala, CMR)				
Monitoring cerebral par échographie doppler transcrânien chez le patient neurologisé				
Dr Ego Willy G. (Libreville, Gabon)				
Reanimation for severe TBI				
Pr Owono Eloundi P. (Yaoundé, CMR)				
Discussion				

ORAL PRESENTATIONS	
13:30-14:45	<p><b>Group 4</b></p> <p><b>Chaired by:</b> Pr Assumpta Bella (Yde, CMR) &amp; Pr Jean M. Annoni (Fribourg, CH)</p> <p>13:30-13:40 Aspects épidémiologiques, cliniques et facteurs pronostiques des AVC chez le sujet âgé à Bobo-Doulasso, Burkina Faso Pr Mitogo Atinana, Burkina Faso</p> <p>13:40-13:50 Effect of Transcranial Direct Current Stimulation in a Patient with Chronic Post-Traumatic Encephalopathy Pr Jean Marie Annoni, Switzerland</p> <p>13:50-14:00 Profil métabolique des patients victimes d'accident vasculaire cérébral à Bangui Dr Pascal Mbelesso, RCA</p> <p>14:00-14:10 Health-related quality of life in post-stroke patients of the Buea regional hospital Dr Duquesne Mkouontack, Cameroon</p> <p>14:10-14:20 Stroke-related Mortality, Disability, and Associated Factors at The Beminda and Buea Regional Hospitals Dr David Ojong, Cameroon</p> <p>14:20-14:45 Discussion</p>
15:00-15:15	<p><b>COFFEE BREAK</b></p>
15:20-16:15	<p><b>ROUND TABLE CONFERENCE</b></p> <p><b>Chaired by:</b> Prof Modou Boniface, Zeh Fernande, and Mo'o Amvene Samuel (Yaoundé, CMR)</p> <p><b>Title: Appropriate use of Medical Imaging for Stroke Management in Sub-Saharan Africa</b></p> <p><b>Panelists:</b> Dr Ngarka (Yaoundé, CMR) Dr Mbona P. (Yaoundé, CMR) Dr Maguy Mbebe (Yaoundé, CMR) Pr Ongolo Zogo P. (CMR), Pr Yapo P. (CIV), Pr Diallo Ousseni (BFA) Pr Patrice Jissendji Tchuffo (Belgique)</p>
16:20-18:55	<p><b>CLOSING CEREMONY</b></p>
	<p><b>Group 5</b></p> <p>Pr Kwate C. &amp; Pr Younes Pefoura (Yaoundé, CMR)</p> <p>Pr Jephthé Lobe Mbangué</p> <p>Dr Constance Agbor, Cameroon</p> <p>Dr Bénédicte Njoboko, Gabon</p> <p>Dr Wanyu Bertrand Yuwong, Cameroon</p> <p>Dr Omouessi ST, Gabon</p> <p>Discussion</p>
	<p><b>Group 6</b></p> <p>Pr Fomskong E. (Bruxelles, BEL) &amp; Pr Eyenga V. (Yde, CMR)</p> <p>Quality of life after surgery for degenerative spine Dr Bello Figum, Cameroon</p> <p>Results of cervical spondylosic myelopathy surgery Dr Ben Djoubaino, Cameroon</p> <p>Successful intravenous thrombolyses for acute ischemic stroke: a case series from Cameroon. Dr Eric Chokote, Cameroon</p> <p>Anatomopathology of primitive tumour Dr Polho Tazo, Cameroon</p> <p>Percutaneous Proxide Screw Implantation without vs navigation in patients surgically treated for degenerative lumbar disc disease Pr Edward Fomskong, Belgium</p> <p>Discussion</p>



**World Stroke Day Celebration: 29<sup>th</sup> October 2022**  
**29<sup>th</sup> October 2022, Saturday**

- Media sensitization of general public of brain attacks
- Public Secondary School sensitisation on brain health

**BRAIN - SCAN CONGRESS 1.5**  
**NEUROLOGIE VASCULAIRE EN AFRIQUE SUBSAHARIENNE**  
*Expériences, Défis et Perspectives*  
**26 - 28 OCTOBRE 2022, YAOUNDE**  
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 Date limite de soumission des abstracts : 22 juin 2022  
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 Rencontrez les Experts Internationaux

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<b>PR. NJAMSHI ALFRED K.</b> Niger	<b>DR. WILFRED NOWA</b> USA	<b>DR. STEPHEN PERBIO</b> Niger
<b>DR. GEMMA ALDERTON</b> USA	<b>PR. E. FOMEKONG</b> France	<b>DR. JOELLE CHABWINE</b> Niger
<b>PR. DJENTCHEU VDP</b> Niger	<b>PR. K. STREATFIELD</b> Australia	<b>DR. GODWIN TATAN</b> France
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VASCULAIRE  
EN  
AFRIQUE SUB-  
SAHARIENNE**

EXPERIENCES, DÉFIS  
ET  
PERSPECTIVES

ÉVÈNEMENTS PRÉ-CONGRÈS  
(24 - 25 OCTOBRE)

Projets de recherche:  
+ De la conception à la Mise en œuvre;  
Rédaction Scientifique  
(Groupes d'édition LANCET & SCIENCE)

+ Stéréologie  
(Applications en Recherche Clinique)

+ Neuro-simulation UpSurgeOn  
(Formation pratique en neuro-Anatomie  
pour médecins généralistes et étudiants)

+ Tournoi BRAIN TRUST  
(Pour étudiants en médecine de la CEMAC)

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NEUROLOGY  
IN  
SUB-SAHARAN  
AFRICA**

EXPERIENCES, CHALLENGES  
AND  
PERSPECTIVES

PRE - CONGRESS EVENTS  
(24 - 25 OCTOBER)

+ Research Projects:  
Conception to Implementation;  
Scientific Writing  
(LANCET & SCIENCE Publishing Groups)

+ Stereology  
(Applications in Clinical Research)

+ UpSurgeOn Neuro-simulation Course  
(Hands-on Training in Neuro-anatomy  
for GPs and Students)

+ BRAIN TRUST Tournament  
(For Medical Students in CEMAC)

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EN  
AFRIQUE SUB-SAHARIENNE**

Expériences, Défis & Perspectives  
Rencontres des experts nationaux

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Neurologue

PR. NTOHE FELICIE  
Pédiatre

PR. PIERRE ONGOLO-ZOGO  
Neuro-radiologue

PR. NJAHNHSI ALFRED K.  
Neurologue  
BRAIN - CEO / SCAN - President

PR. NOUEFACK S.  
Neuro-pédiatre

PR. SEKE PAUL  
Neurochirurgien / Radiologue

PR. BELLA ASSUMPTA  
Neuro-ophtholmologue

PR. ZE MIKANDE JACQUELINE  
Neuro-écologiste

PR. KINGUE SAMUEL  
Cardiologue

PR. NJOCK RICHARD  
Neuro-otologue

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**VASCULAR NEUROLOGY  
IN  
SUB-SAHARAN AFRICA**

Experiences, Challenges and Perspectives  
Meet Some National Experts

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Neurologist

PR. NTOHE FELICIE  
Pediatrician

PR. PIERRE ONGOLO-ZOGO  
Neuro-radiologist

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PR. SEKE PAUL  
Neurosurgeon / Radiologist

PR. BELLA ASSUMPTA  
Neuro-ophthalmologist

PR. ZE MIKANDE JACQUELINE  
Neuro-ecologist

PR. KINGUE SAMUEL  
Cardiologist

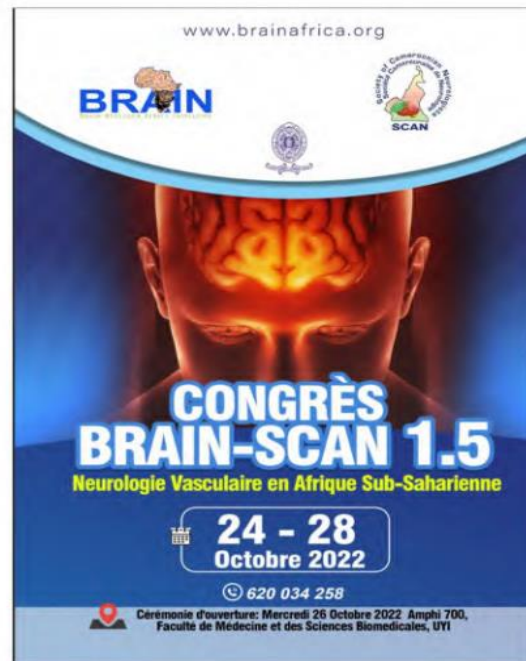
PR. NJOCK RICHARD  
Neuro-otologist

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**24<sup>th</sup>-25<sup>th</sup>  
October 2022**

**YAOUNDE,  
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**Global Training  
Project 2022**

UpSurgeOn Psychomotor  
Skill Training Course

The Global Training Project 2022 is a non-profit event organized by Young Neurosurgeons Forum and supported by UpSurgeOn

**Monday 24<sup>th</sup> - Tuesday 25<sup>th</sup> October 2022:** BRAIN-SCAN Congress  
FMBS (Faculty of Medicine and Biomedical Sciences),  
University of Yaounde 1, Cameroon

LOCAL FACULTY							INTERNATIONAL FACULTY
 Dr. Jean-François NDJOUANG Dean, FMBS Yaounde	 Prof. Pierre NKOMO President BRAIN-SCAN	 Prof. Jean-François NDJOUANG Chair, Scientific Committee	 Prof. Jean-François NDJOUANG Host, VGH	 Dr. Jean-François NDJOUANG World President of Young Neurosurgeons	 Prof. Jean-François NDJOUANG	 Prof. Jean-François NDJOUANG	 Prof. Marco CENZATO Niguarda Hospital Milan, Italy
 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Prof. Jean-François NDJOUANG Harvard Medical School, US
 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	 Dr. Jean-François NDJOUANG	

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