Youssoufa MAIGA M.D, MSc, PhD

Date of birth: 25/ 12/ 1972.
Nationality: Malian; West Africa
Married, father of 4 children.

POSITION TITLE
Head of Neurology Department, Teaching Hospital Gabriel Touré, (Mali)
Professor of Neurology, University of Bamako (Mali)
Secretary General of the Malian League against Epilepsy

EDUCATION/TRAINING

| INSTITUTION AND LOCATION                        | DEGREE     | YEAR(s) | FIELD OF STUDY                                |
|------------------------------------------------|------------|---------|-----------------------------------------------|
| Faculté de Médecine (Mali)                     | M.D.       | 1998    | General Medicine                              |
| University of Cocody (Côte d’Ivoire)          | M.D.       | 2001    | Neurology                                     |
| University of Nantes (France)                  | Postdoc    | 2002-2006 | Neurology                                    |
| University of Nantes (France)                  | Certificate| 2005    | Pain management                               |
| University of Bordeaux II (France)             | Master     | 2013    | Neurobiology                                 |
| The National Institutes of Health (USA)        | Certificate| 2013    | Certificate of training course « Protecting Human Research Participants ». |
| Council for African and Malagasy Higher Education (CAMES) | Postdoc | 2014    |                                               |
| University of Nantes France.                   | PhD        | 2021    | Neuroscience                                 |

Positions and Honors

Positions:
1999-2002  Resident, Neurology, Teaching Hospital of Cocody (Abidjan)
2002-03   Resident, Neurology and Functional Exploration, Teaching Hospital Nantes (France)
2004-05   Clinical Research Assistant, Neurology, Teaching Hospital Nantes (France)
2006-present  Chief, Department of Neurology, Teaching Hospital Gabriel Touré, (Mali)
2008-2010  Assistant, University of Bamako (Mali)
2011- 2014  Assistant Professor, University of Bamako (Mali)
2014-present  Professor of Neurology, University of Bamako (Mali)

Other experiences

2008-present  Reviewer of Mali Medical journal.
2011-  Reviewer of Present Journal of Pediatric Epilepsy
2011- present  Reviewer of the North African and Middle East Epilepsy Journal
Membership

- General Secretary of the Malian League against Epilepsy.
- Member of the European epilepsy academy (EUREPA).
- Tutor of EUREPA.
- Member of the French Society of Neurology.
- Member of French-African group for the management of neuro-vascular pathology.
- Member of Pan African Association of Neurological science
- Focal Point of French-African group for the management of neuro-vascular pathology in Mali.

MAJOR CONTRIBUTIONS:

We have been coordinating the training of Neurologists in Mali since 2014.
We are founding members and secretary of the Malian League against Epilepsy since 2009.
We have been a member of the health council of the government of Mali since 20015. This structure is responsible for advising the ministry of health on certain technical files.
We are expert in the Drog Committee of the Ministry of Health of Mali since 2014.

Clinical Research Activities

The mapping of epilepsy in 12 health districts of Mali (University of Mali, Faculty of Medicine of Bamako)

The burden of headaches in Mali (/ Fa International Headache Society/ Faculty of Medicine of Bamako)

We are co-investigator in two research protocols Neurogenetics:
"Clinical and genetic study of hereditary neurological diseases in Mali" under number 1U01HG007044-01A1

"Clinical and Molecular Neurologic Manifestations of Inherited Disorders" under the NS002974-13 in collaboration with the Neurogenetics Branch of Neurological Disorders and Stroke, (INH, USA)

2002: Laboratory of Neurological Functional explorations (Professor Yann Pereon)
reference center for rare neuromuscular diseases Neuromuscular Nantes-Angers, CHU Nantes (France).

2003. « Multiple-dose, randomized, three way crossover study of effect of SCH 420814 on the blood pressure in subject with Parkinson’s disease receiving Dopaminergic therapy ».

Selected publications relevant to this application

We are Authors and co-authors of more than 150 publications and communications. We also participated in the writing of Neurology book. The list of some publications.

Maiga, Y., Soumaïla, B., N'Drainy Cissoko, L., Sangaré, M., Diallo, S. H., Diallo, S., Camara, M., Sogoba, Y., Coulibaly, Y. A., Sylla, F., Traoré, F. D., & Sidibé, O. (2017).
Epidemiology of migraine among students in Mali. *eNeurologicalSci*, 7, 32–36. https://doi.org/10.1016/j.ensci.2017.04.001

Simo N, Kuate-Tegueu C, NgankouTchankeu S, Doumbe J, Maiga Y, Cesari M, et al. (2020) Correlates of diabetic polyneuropathy of the elderly in Sub-Saharan Africa. *PLoS ONE* 15(10): e0240602. https://doi.org/10.1371/journal.pone.0240602

Fatoumata dite Nènè Konipo, Housseini Dolo, Mariam Daou, Yaya Ibrahim Coulibaly, Hassane Diallo, Moussa Sangare, Siaka Yamoussa Coulibaly, Modibo Sangare, Seydou Doumbia, Youssouf Maiga. Using community health workers as an alternative approach for epidemiological research on epilepsy in six health districts in Mali. *Epilepsy & Behavior* 117 (2021) 107842

Najib Kissani, Sanaa Nafia, Abdelati El Khiat, Noureddine Bengamara, Youssoufa Maiga. Epilepsy surgery in Africa: state of the art and challenges. *Epilepsy & Behavior* 118 (2021) 107910

Maiga, Youssoufa et al. “Neuropathic pain in Mali: The current situation, comprehensive hypothesis, which therapeutic strategy for Africa?.” *eNeurologicalSci* vol. 22 100312. 9 Jan. 2021, doi:10.1016/j.ensci.2021.100312

Maiga Y, Diallo S, Konipo FDN, et al. Diabetic polyneuropathy with/out neuropathic pain in Mali: A cross-sectional study in two reference diabetes treatment centers in Bamako ( Mali), Western Africa. *PLoS One*. 2020;15(11):e0241387. Published 2020 Nov 9. doi:10.1371/journal.pone.0241387

Sangare, M., Doumbia, F., Sidibe, O., Oumar, A. A., Bah, S., Kouyate, M., Diakite, S. S., Traore, K., Karembe, A., Haidara, M. S., Coulibaly, S. P., Coulibaly, S., Togora, A., Dolo, H., Traore, D., Doumbia, S., Diakite, M., Maiga, Y., Diawara, A., Kuate, C., … Awandare, G. A. (2020). Epilepsy Research in Mali: A Pilot Pharmacokinetics Study on First-Line Antiepileptic Drug Treatment. *Journal of epilepsy research*, 10(1), 31–39. https://doi.org/10.14581/jer.20006

Landouré G, Maiga Y, Samassékou O, Nimaga K, Traoré M, Fischbeck KH. Epilepsy genetics in Africa: challenges and future perspectives. *North Afr Middle East Epilepsy J*. 2014;3(3):5-7.

Youssoufa, Maïga et al. “Occipital lobe epilepsy secondary to posterior reversible encephalopathy syndrome (PRES) during a post-partum eclampsia in Mali (West Africa).” *BMC research notes* 2013 ; 321, doi:10.1186/1756-0500-6-321

Youssoufa MAIGA, Mohamed ALBAKAYE, Lanssana Laho DIALLO, Broulaye TRAORE, Yacouba CISSOKO, Seybou HASSANE, Sara DIAKITE, K. Clare McCaughey, Najib KISSANI, Valeria DIACONU, Danielle BUCH, Kassim Kayentoa, Lionel CARMANT. Current beliefs and attitudes regarding epilepsy in Mali. *Epilepsy & Behavior* 2014; 33: 115–121
Sangaré M, Hendrickson B, Sango Ha, Chen K, Nofziger J, Amara A, Dutra A, Shindler Ab, Guindo A, Traoré M, Harmison G, Yaro Fn, Bricceno K, Grunseich C, Chen G, Boehm M, Zukosky K, Bocoum N, Meilleur Kg, Daou F, Bagayogo K, Coulibaly Yi, Diakité M, Fay Mp, Lee Hs, Saad A, Gribaa M, Singleton Ab, **MAIGA Y**, Auh S, Landouré G, Fairhurst Rm, Burnett Bg, Scholl T, Fischbeck Kh. Genetics of low spinal muscular atrophy carrier frequency in Sub-Saharan Africa. Ann Neurol 2014; 75(4):525-32.

**KUATE C, MAIGA Y, MOTAH M, SINI V, DOUMBE J.** Crises d’Épilepsie Révélatrices d’un Diabète de Type2 : Cas Cliniques et Revue de la Littérature. Health Sci. Dis 2013; 14: 1-5.

**GUILLON B, MAIGA Y, DESAL H.** Dissections artérielles cervicales et intracrâniennes. Rev Prat 2013 ; 63 : 939-946.

Djibo Douma MAIGA, Hamid ASSADEK, **Youssoufa MAIGA**. Soumaïla BOUBACAR, ADEHOSSI Eric Omar. Obstacles à l’intégration de la prise en charge de l’épilepsie dans le paquet minimum d’activités (PMA) des centres de santé intégrés (CSI) au Niger. North Africa and Middle East Epilepsy Journal 2013; 2: 4-6.

**Youssoufa MAIGA**, Isac SIDIBE, Christian NAPON, Moussa DIALLO, Sara DIAKITE, Youssouf Sogoba, Boubacar M Keita, Traoré Hamar A. Épilepsie et permis de conduire au Mali: Connaissances, attitudes et pratiques des moniteurs d’auto-écoles. Afr J Neurol Sci 2013; 32: 3-8.

**MAIGA Y, DAOU M, KUATE C, KAMATE B, SISSOKO M, DIAKITE S, SIDIBE I, COULIBALY A, BAH H, MINTA I, MAIGA MY, TRAORE HA.** Épilepsie du sujet âgé : Expérience du service de Neurologie du CHU Gabriel Touré de Bamako, Mali. North Africa and Middle East Epilepsy Journal 2013; 2: 27-30.

**ALBAKAYE M, MAIGA Y, KANIKOMO D, DJIBO D.** La dimension socioculturelle de l’épilepsie au Mali. North Africa and Middle East Epilepsy Journal 2012; 1(1): 14-18.

**MAIGA Y, ALBAKAYE M, KUATE C, NAPON C, KOUMARÉ B.** Épilepsie en Afrique Subsaharienne : Connaissances, Attitudes et Pratiques face à l’épilepsie. North Africa and Middle East Epilepsy Journal 2012 ; 4 : 16-19.

**MAIGA Y, CISSOKO Y, KEITA M, N’GUYEN ST, PÉREON Y, KANIKOMO D, LY O, TRAORÉ HA, BARRIER JH, DOUMBO O, KOUMARÉ AK.** Multimedia contribution (CDROM) in the learning of electroencephalography. Int. J. Med Med Sci 2012 ; 2 (10) : 193-196.
NAPON C, **MAIGA Y**, DIALLO O, KABORÉ J. Ventriculite infectieuse secondaire à une neurocysticercose au Burkina Faso. Rev Neurol 2011; 167: 632-634.

TOLOBA Y, DIALLO S, **MAIGA Y**, SISSOKO BF, OUATTARA K, SOUMARE D, SIDIBE S. Tuberculose vertébrale (Mal de Pott) : aspects épidémiologiques, radiologiques et évolutifs au CHU du Point G de Bamako. Mali Médical 2011 ; 26 (2) : 8-11.

**MAIGA Y**, NAPON C, DICKO F, FOYANA T, TRAORÉ B, SIDIBE LN, DIAKITÉ A, CISSOKO Y, SIDIBÉ T, MAIGA MY, TRAORÉ HA. Connaissances à propos de l’épilepsie et attitudes des parents d’enfant au Mali : étude communautaire. Mali Médical 2011 ; 26 (3) : 30-33.

DIANGO D, MOGHOMAYE M, **MAIGA Y**, BEYE S A, DEMBÉLÉ AS, COULIBALY Y, DIALLO A. Coma in the elderly: etiological factors, management and prognosis in the department of anesthesia and intensive care intensive care. Anesthesia: Essays and Researches 2011; 5 (2): 153-15

**MAIGA Y**, NAPON C, KUATE TEGUEU C, TRAORÉ Y, TEKETE I, MOUNKORO N, DOLO A, MAIGA MY, TRAORÉ HA. EPILEPSIE ET VIE DE LA FEMME : SPÉCIFICITÉ DE LA PRISE EN CHARGE. Revue de la littérature. Mali Medical 2010 ; 25 (3) : 1-9.

KUATE C T, **MAIGA Y**. Crises d’épilepsie associées à l’infection à VIH en Afrique. Épilepsies 2010 ; 22 (2) : 134-42.

KANIKOMO D, DIALLO O, DIALLO M, **MAIGA Y**, DIOP AA, SANGARÉ M, BA MC, SAKHO Y, BADAINÉ SB. HÉMATOME EXTRADURAL À PROPOS DE 75 CAS ENREGISTRÉS DANS LE CHU GABRIEL TOURÉ DE BAMAKO AU MALI. J Afr Churg 2010 ; 1 (1) : 86-90.

**MAIGA Y**, N’GUYEN THE TICH S, DICKO F, NOGUES B, SONAN T, DIAKITÉ A, PÉREON Y. L’enregistrement EEG de longue durée dans la surveillance des convulsions néonatales au CHU de Nantes (FRANCE). Afr J Neurol Sci 2009 ; 28 (2): 49-54.
MARJOLET M.
A propos d’un cas autochtone de neurocysticercose au Mali (premier cas de la littérature). Bull Soc Pathol Exot 2009; 102 (4) : 211-4.

MAIGA Y, KUATE C T, N’GUYEN THE TICH S, PÉREON Y, FARNARIER G, BARRIER JH.
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MAIGA Y, WIERTLEWSKI S, DESAL H, MARJOLET M, DAMIER P.
Toxocarose cérébrale révélée par une confusion mentale chez un adulte, cas clinique et revue de la littérature. Bull Pathol Exot 2007 ; 100 (2) : 101-104.

MAIGA Y, NOGUES B, GUILLON B.
Accentuation des crises tonico-cloniques sous Lamotrigine dans l’épilepsie myoclonique juvénile. Rev Neurol 2006 ; 162 (11) : 1125-1127.

MAIGA Y, YATIM D, GUILLON B.
Neuropaludisme d’importation. Rev Neurol ; 2005 ; 161 (1) : 122-125.