

<p><b>Yousoufa MAIGA M.D, MSc, PhD</b></p> <p>Date of birth: 25/ 12/ 1972.</p> <p>Nationality: Malian; West Africa</p> <p>Married, father of 4 children.</p>	<p><b>POSITION TITLE</b></p> <p>Head of Neurology Department, Teaching Hospital Gabriel Touré, (Mali)</p> <p>Professor of Neurology, University of Bamako (Mali)</p> <p>Secretary General of the Malian League against Epilepsy</p>
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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 , **Youssoufa M. 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 , Abdelaati 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/without 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(5):5-7.

**Youssoufa, Maiga** 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 Type 2 : 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, **Yousoufa 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.

**Yousoufa MAIGA**, Isac SIDIBE, Christian NAPON, Moussa DIALLO, Sara DIAKITE, Youssouf Sogoba , Boubacar M Keita, Traoré Hamar A .Epilepsie 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. Epilepsie 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. Epilepsie 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 épidémio-clinique, radiologique et évolutif au CHU du Point G de Bamako. Mali Médical 2011 ; 26 (2) : 8-11.

**MAIGA Y**, NAPON C, DICKO F, FOFANA T, TRAORÉ B, SIDIBÉ 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, BADAINE 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.

**MAIGA Y**, DIALLO M, BOUTEILLE B, KONATÉ A, DIARRA M, MAIGA M,

**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.**

L'apprentissage de l'interprétation de l'électro-encéphalographie (EEG) avec l'aide d'un support multimédia. A partir d'une enquête auprès d'étudiants. Afr J Neurol Sci 2009 ; 28 (2) : 94-103.

**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.