



## **CURRICULUM VITAE.**

### **I. Identification.**

|                      |                                                                                       |
|----------------------|---------------------------------------------------------------------------------------|
| Name (First, Family) | Mesu'a-Kabwa, Luabeya                                                                 |
| Present address      | Centre Hospitalier Valida<br>Rue J Goffin, 182<br>1080 Berchem-ste-Agathe<br>Belgique |
| Private address      | Biesmuiterlaan 38<br>3090 Overijse<br>Belgium<br>mk.luabeya@gmail.com                 |
|                      | Phone : + 32.2. 767.65.77<br>Mobile: + 32 477 25 50 40                                |

### **II. Education.**

1. PhD in Biochemical pharmacology from Université catholique de Louvain (UCL), Belgium, 1985 ;
2. Neurologist from UCL, Belgium, 1984 ;
3. MD from Université nationale du Zaïre, 1977. Diploma recognized equivalent to the belgian MD degree by the Decree of the Government of the French Community of Belgium of January 27, 1995.

### **III. Employment record.**

1. General Director, Hospital « Centre neuropsychopathologique » (CNPP) Kinshasa University (Dec. 1989 to May 1991);
2. Vice-chancellor, Kinshasa University (Sept. 1990 to may 1993) ;
3. Chancellor a.i., Unikin (Nov. 1991 to may 1993);
4. Head, Division of infectious diseases, Dept of Neurology, CNPP (1990-) ;
5. World Health Organisation (WHO) temporary advisor (1989-1990).
6. Neurologist, Hôpital neuropsychiatrique Saint-Martin (Sept. 1999 -) ;

7. Head, Department of Neurology, Clinique Saint Etienne, Brussels (Sept. 1999 -).
8. Neurologist, Dept. Neurology Clinique saint Jean, Bruxelles (july 2008 -)
9. Chair of African Regional Committee (ARC) of International Brain Research Organization (IBRO). 2013-
10. Chair, Congolese League Against Epilepsy, LICOCE (2012)
10. Member of ILAE-Africa (2013- )

#### **IV. Research fields.**

1. NeuroAIDS;
2. Biochemical pharmacology;
3. Epilepsy.

#### **V. Teaching experience.**

1. Associate professor of neurology and neurophysiology (Kinshasa University, 1986);
2. Professor (Kinshasa University, 1991);
3. Ordinary professor (Kinshasa University, 1997).
4. Emeritus professor (Kinshasa University, 2017)
5. Invited professor, Haute Ecole province de Namur (Belgium), (2002 - 2017)

#### **VI. Fellowships.**

1. Awardee of the International Neurological Science Fellowship sponsored by the National Institute of Neurological Disorders and Stroke (NINDS) and WHO at the Division of Neuropathology, University of Pittsburgh, USA (August 1997-August 1998)

Topic : Neuropathogenesis of HIV encephalitis.

2. Fellow of the Université catholique de Louvain at the Laboratoire de Pharmacologie (April 1994-October 1996) and at the Service of Neurology (November 1996-August 1997).

#### **VII. Participation to workshops, symposia and congresses.**

1. Collegium Internationale Neuropsychopharmacologicum, Florence, Italy, 1984 ;
2. Tenth International meeting of the International Society for Neurochemistry, Italy 1985 ;
3. Congress of International League Against Epilepsy, Jerusalem, Israel, 1988 ;
4. Congress of World Federation of Neurology, New Dehli, India, 1989 ;
5. VIth International AIDS Congress, Montréal, Canada, 1989 ;
6. WHO Seminar on neuropsychiatric manifestations of AIDS, Atlanta, USA, November 1989 ;

7. WHO workshop on neuropsychiatric manifestations of AIDS, Geneva, Switzerland, 1990 ;
8. WHO workshop on neuropsychiatric manifestations of AIDS, Nairobi, Kenya, 1990 ;
9. VIIth International AIDS Congress, Florence, Italy, 1989 ;
10. VIIIth International AIDS Congress, Amsterdam, The Netherlands, 1992;
11. Second SONA International Conference, Marrakesh, Morocco, April 1995 ;
13. 3rd SONA International Conference, Cape Town, South Africa, April 1997.
14. Congress on ECTRIMS, Dublin, Ireland, 2001.
15. Collegium Internationale Neuropsychopharmacologicum (CINP), Montréal, Canada, june 2002;
16. 6<sup>th</sup> International Conference on Alzheimer Disease and Parkinson Disease, Seville, Spain, 2003 ;
17. 8th SONA Meeting, Kinshasa, DRC, 2007
18. 8th IBRO World Congress, Florence, Italy, 2011.
19. 21st World Congress of World Federation of Neurology, Marrakesh, 2011.
20. 30th Congress of International League Against Epilepsy, Montréal, 2013 ;
21. 9th IBRO World Congress, Rio Janeiro, Brazil, 2015
22. 31th International League Against Epilepsy Congress, Istanbul, 2015 ;

#### **VIII. Communications.**

1. Les tuberculomes cérébraux. A propos de deux observations. M.K. Luabeya, J. De Coster et E.C. Laterre. Société Belge de Neurologie 912 Décembre 1981).
2. Le récepteur aux benzodiazépines du cortex cérébral humain. M.K. Luabeya, J.M. Maloteaux, Y.J. Schneider, A. Trouet et E.C. Laterre. IIème reunion des Neurosciences, Louvain-la-Neuve, 26 Mai 1983.
3. Comparaison de la concentration sérique libre et de la concentration dans le liquide céphalorachidien de la diphenylhydantoïne. J.M. Maloteaux, M.K. Luabeya, P. Mahieu et E.C. Laterre. Journée scientifique de la Ligue Française contre l'Epilepsie, Paris, 28 Novembre 1983.

4. La sérotonine et son site d'action dans le cortex ceérébral humain. M.K. Luabeya, J.M. Maloteaux, E.C. Laterre, A. Trouet et P.M. Laduron. IIIème reunion des Neurosciences, Louvain-en-Woluwe, 1984.
5. Opiate receptor in human brain: properties and localization of 3H-lofentanil binding. J.M. Maloteaux, P.J. Pauwels, M.K. Luabeya, E.C. Laterre and A. Trouet. Fifth meeting of European Society for neurochemistry, Budapest, Hungary, 21-26 August 1984.
6. Laminar distribution of neuroreceptors in human temporal cortex. M.K. Luabeya, J.M. Maloteaux, E.C. Laterre and P.M. Laduron. Collegium Internationale Neuropsychopharmacologicum, Florence, Italy, 19-24 June 1984.
7. Different subcellular localization of S2-serotonergic, muscarinic and benzodiazepine receptors in rat, dog and human cortex. M.K. Luabeya, J.M. Maloteaux, A. Trouet et P.M. Laduron. Collegium Internationale Neuropsychopharmacologicum, Florence, Italy, 19-24 June 1984.
8. S2-serotonin receptors in frontal cortex of Parkinsonian patients. J.M. Maloteaux, M.K. Luabeya, E.C. Laterre, F. Javoy-Agid and P.M. Laduron. XIIIth World Congress of Neurology, Hambourg, RFA, 1-6 September 1985.
9. Manifestations neuropsychaitriques du Sida à Kinshasa. M.K. Luabeya, K.NT. Kayembe, M. Mussa, ND. Lombe and K. Kazadi. Ist International Congress of Tropical Neurology, Paris, France, april 1988.
10. A case definition of AIDS dementia complex for use in African patients. J. Perriens, R. Janssen, M. Mussa, M.K. Luabeya, K. Kayembe, R. Colebunders and K. Kapita. Vth International Conference on AIDS, Montreal, 4-9 june 1989. Abstract I-A-3.
11. Neuropsychiatric findings in HIV infected patients at an infectious disease clinic in Kinshasa. M.K. Luabeya, K. Kayembe, M. Mussa, Kal. Kayembe, K. Izzia, T.D. Kashala. Vth International Conference on AIDS, Montreal, 4-9 june 1989. Abstract Th, B.P. 221.
12. Incidence of mild neuropsychiatric abnormalities in HIV-infected patients in Kinshasa. M.K. Luabeya, K. Kayembe, M. Mussa and K. Kazadi. Vth International Conference on AIDS, Montreal, 4-9 june 1989. Abstract I.A.3.
13. The diagnostic pitfalls of mild neuropsychiatric manifestations in tropical areas. K. Kayembe, M.K. Luabeya, M. Mussa. Satellite Conference on neuropsychiatric manifestations of AIDS. Quebec, 30 May-3 June 1989.
14. AIDS neurologic disease in Africa. M.K. Luabeya. 2nd Sona International Conference, Marrakesh, Morroco, 17-24 April 95.

15. Neurology in Africa. M.K. Luabeya. Lecture at the Department of Neurology, University of Stellenbosch, Cape Town, South Africa, 23 June 1995.
16. Lack of recycling of internalized neurotensin receptors in primary cultured neurons. E. Hermans, M.A. Vanisberg, M.K. Luabeya, J.M. Maloteaux. 25th Annual meeting, Society for Neuroscience, 11-16 November, 1995, San Diego, California, USA.
17. Multiple sclerosis : a neglected disease among black africans. M.K. Luabeya and Tshala-Katumbayi. 7th Ibro World Congress of Neuroscience, Melbourne, Australia, 12 – 17 July 2007

## IX. Publications.

1. Identification et distribution des récepteurs dopaminergiques (S2) dans le, cerveau humain. M.K. Luabeya, J.M. Maloteaux, E.C. Laterre et P.M. Laduron. *Acta Neurologica Belgica*, 84, 46, 1984.
2. Localization du récepteur aux benzodiazépines dans le cortex cérébral humain. M.K. Luabeya, J.M. Maloteaux, J.M. Brucher, E.C. Laterre et P.M. Laduron. *Acta Neurologica Belgica*, 1, 45-46, 1984.
3. Subcellular distribution of muscarinic receptor in human frontal cortex. M.K. Luabeya, J.M. Maloteaux, A. Trouet et P.M. Laduron. *Archives Internationales de Physiologie et de Biochimie*. B43-44, 92, 1984.
4. Localisation subcellulaire des récepteurs sérotoninergiques dans le cortex cérébral humain. J.M. Maloteaux, M.K. Luabeya, E.C. Laterre et P.M. Laduron. *Acta Neurologica Belgica*, 1, 95-96, 1984.
5. Regional and cortical laminar distribution of serotonin-S2, benzodiazepine, muscarinic and dopamine-D2 receptors in human brain. M.K. Luabeya, J.M. Maloteaux et P.M. Laduron. *J. Neurochem.*, 43, 4, 1068-1071, 1984.
6. Human brain neuroreceptors with special reference to benzodiazepine binding sites. J.M. Maloteaux and M.K. Luabeya. *Physician India*, 2, 105-114, 1984.
7. Receptor studies in brain pathology. J.M. Maloteaux, M.K. Luabeya. *Progress in clinical Neurosciences*, 2, 137-142, 1985.
8. Different subcellular localization of muscarinic and serotonin-S2 receptors in human, dog and rat brain. M.K. Luabeya and J.M. Maloteaux, C. de Roe, A. Trouet and P.M. Laduron. *J. Neurochem.*, 46, 405-412, 1986.
9. Benzodiazepine receptors in normal human brain, in Parkinson's disease and in progressive supranuclear palsy. J.M. Maloteaux, M.K. Luabeya, M.A. Vanisberg, E.C. Laterre, P.M. Laduron, F. Javoy-Agid and Y. Agid. *Brain Res.*, 446, 321-332, 1988.

10. Troubles du rythme cardiaque dans les accidents vasculaires cérébraux.  
K. Malu, Longo-Mbenza, M.K. Luabeya. *Médecine d'Afrique Noire*, 36, 5, 1989.
11. The World Health Organisation's cross-cultural Study on the neuropsychiatric aspects of infection with the human immunodeficiency-virus (HIV-1).  
Preparation and pilot phase.  
M. Maj, R. Janssen, P. Salz, M. Zaudig, F. Starace, D. Boor, B.B. Sunghonghabiron, M.K. Luabeya, D. Ndeti, R. Reidel, G. Schulte and N. Sartorius. *British Journal of Psychiatry*, 159, 351-356, 1991.
12. Neurological complications of HIV-1 seropositive internal medicine inpatients in Kinshasa. J.H. Perriens, M. Mussa, M.K. Luabeya, K. Kayembe, B. Kapita, C. Brown, P. Piot and R. Janssen. *J. of AIDS*, 5, 333-340, 1992.
13. WHO Neuropsychiatric AIDS Study, cross-sectional phase I. Study design and psychiatric findings. M. Maj, R. Janssen, P. Salz, M. Zaudig, F. Starace, B. Sunghonghabiron, M.K. Luabeya, R. Riedel, D. Ndeti, G. Schulte and N. Sartorius. *Archives of General Psychiatry*, 51, 39-49, 1994.
14. Neurologic and psychiatric manifestations of HIV infection in Africa. W.P. Howlett, M.K. Luabeya, K. NT. Kayembe. In " AIDS in Africa". M. Essex, S. Mboup, P.J. Kanki, M.R. Kalengayi (Eds). Raven Press, 393-422, 1994.
15. Profil syndromique des manifestations neuropsychiatriques du Sida à Kinshasa. M.K. Luabeya, K. Tshala, M. Mussa, N.T. Kayembe. *Afr. J. Neuro/Sci.*, 13, 17-19, 1994.
16. Psychiatric aspects of HIV infection in Africa. K.T. Kayembe, M. Mussa, M.K. Luabeya. *J. Africain des Sciences Biomédicales*, 1, 11-14, 1994.
17. Subcellular distribution of receptor sites in human brain: differentiation between heavy and light structures of high and low density. J.M. Maloteaux, M.K. Luabeya, M.A. Vanisberg, A. Jeanjean, P. Baudhuin, D. Scherman and P.M. Laduron. *Brain Res.*, 687, 155-166, 1995.
18. Fractionation of human brain by differential and isopycnic centrifugation techniques. M.K. Luabeya, M.A. Vanisberg, A.P. Jeanjean, P. Baudhuin, P.M. Laduron and J.M. Maloteaux. *Brain Research Protocols*, 1, 83-90, 1997.
19. Blood-brain barrier in simian immunodeficiency virus encephalitis. M.K. Luabeya, C. Achim, L. Dallasta, C.A. Wiley and R. Hamilton. *Neuropathology and Applied Neurobiology*, 26, 454-462, 2000.
20. Cerebral arteriovenous malformation mimicking acute coronary syndrome. O. Noordally, D. Mircev and M.K. Luabeya. *Acta Neurologica Belgica*, 102, 36-38, 2002.

21. Aprones: Neurology research and education in the Democratic Republic of the Congo, Neurology, 80 :1806-7, 2013
22. Living with epilepsy in Lubumbashi (Democratic Republic of Congo) : epidemiology, risk factors and treatment gap. Béatrice Koba Bora, Didier Malamba Lez, Daniel Okitundu Luwa, Marcellin Bugeme Baguma, Désiré Tshala Katumbay, Tharcisse Kayembe Kalula, Pierre Luabeya Mesu'a Kabwa. The Pan African Medical Journal, 21:303, 2015
23. Neurocysticercosis and Epilepsy in sub-Saharan Africa. Brain Research Bulletin. Athanase Millogo, Alfred Kongnyu Njamnshi, Mesu'a Kabwa Pierre Luabeya, 145, 30-38, 2019

#### **IX. Book.**

1. L'Examen neurologique. M.K. Klatt, G. Dechef, K. Kazadi and M.K. Luabeya. Ed. La SEVE, 1990, Kinshasa, 242 pages.
2. AIDS in Africa, Eds M Essex, S Mboup, P.J. Kanki and M.R. Kalengayi ; Raven Press, 1994.
3. Une Jeunesse Congolaise. De Luluabourg à Kinshasa. Confidences d'un Enfant de l'Indépendance. L'Harmattan, Paris, 2014.

#### **XI. Language ability.**

1. Spoken and written fluently:
  - a) French
  - b) Zairean languages (Chiluba, Lingala and Swahili).
2. Good knowledge of English.

#### **XI. References.**

1. Prof J.M. Maloteaux  
 Laboratoire de Pharmacologie  
 Avenue Hippocrate 54 - UCL 5410  
 B- 1200 Bruxelles  
 Belgium  
  
 eMail: maloteaux@nchm.ucl.ac.be
2. Prof Clayton A. Wiley  
 Presbyterian University Hospital  
 Division of Neuropatholog  
 Room A-515  
 200 Lothrop St,  
 Pittsburgh, PA 1521  
 eMail: wiley@np.awing.upmc.edu