

# CURRICULUM VITAE MEDICAL

## DR BASEL ABU-SERIEH M.D

**POSITION : DOCTEUR EN NEUROCHIRURGIE**  
**CHEF DE CLINIQUE ADJOINT**  
**ATTACHE AU SERVICE D'ORTHOPEDIE**

HOPITAL MOLIERE LOMGCHAMP ET LES HOPITAUX DU RESEAU IRIS SUD  
 A BRUXELLES  
 RUE MARCONI 142  
 1090 BRUXELLES  
 TEL : 02/ 348 50 35  
 BELGIQUE

**CONSULTANT NEUROCHIRURGIEN**  
**UNITE DE NEUROCHIRURGIE**

CHU SAINT- PIERRE  
 RUE HAUTE 322  
 1000 BRUXELLES  
 TEL : 02/535 38 65  
 BELGIQUE

## LANGUES :

- 1- Arabe : langue maternelle
- 2- Français : parlé et écrit couramment
- 3- Anglais : parlé et écrit couramment
- 4- Roumain : parlé et écrit couramment
- 5- Néerlandais : parlé et écrit notion

## ETUDES :

	Diplômes	Résultats	Dates	Lieu (Etablissement)
<i>HUMANITES :</i>				
	<b>Sciences Fortes</b>	<b>95.5%</b>	<b>91-92</b>	<b>Abu Dhabi (Emirats Arabes)</b>
<i>UNIVERSITAIRES :</i>				
1ère Candidature	<b>Médecine</b>	<b>6.57</b>	<b>93-94</b>	<b>Université de Médecine (Bucarest – Roumanie)</b>
2ème Candidature	"	<b>7.50</b>	<b>94-95</b>	"
3ème Candidature	"	<b>7.40</b>	<b>95-96</b>	"
1er Doctorat	"	<b>7.44</b>	<b>96-97</b>	"
2ème Doctorat	"	<b>8.64</b>	<b>97-98</b>	"
3ème Doctorat	"	<b>7.33</b>	<b>98-99</b>	"

Diplôme en Médecine Générale par l'université Carol-Davila. Bucarest, Roumanie en juillet 1999.

## FORMATION POST-UNIVERSITAIRE :

- Service de Neurochirurgie, Cliniques Saint-Luc (Recherche Clinique 2000-2007)
- Formation à la lecture critique : synthèses méthodiques et méta-analyses (Centre Belge d'Evidence-Based Médecine-CEBAM), 9-11-2005.
- Formation en Neurochirurgie ULB Bruxelles (Master complémentaire) 2008- 2014.
- DU Pathologie Rachidienne à Lyon, Université Claude Bernard Lyon-1 2011-2012
- Titre de Mémoire du Pathologies Rachidienne « *Correlation between clinical presentation, neurophysiological data, and MRI findings, and their diagnostic and prognostic values in patients with cervical spondylotic myelopathy: A critical analysis of the recent literature* »
- Participation au “AO Spine Davos Courses” du 14 au 18 Décembre 2014 à Davos, Swiss.
- Course théorique “AO Spine Sciences Forum – Meet The Experts – Spinal Ostéotomies” les 20 et 21 mars 2015 à Barcelone.
- Garde aux Urgence au CHR HUY du 3/2009 au 9/2009.
- Garde Intramuros (Médecino-chirurgicale) CHR du NAMUR.
- Garde aux Urgence au CHPLT Verviers depuis 3/2010.
- Garde Aux Urgence à l'Hôpital St-Nicolas à Eupen depuis le 1/12/2009.

## ACTIVITES PROFESIONNELLES DEPUIS L'OBTENTION DU DIPLOME :

- *Chef de Clinique adjoint, Unité de Neurochirurgie au CHU St Pierre Bruxelles (Octobre 2014- Décembre 2017.*
- *Neurochirurgien, Hôpital Molière Longchamp et Responsable de chirurgie du Rachis au Hôpitaux d'iris sud à Bruxelles depuis décembre 2017-*
- *Consultant Neurochirurgien, Unité de Neurochirurgie au CHU St Pierre Bruxelles depuis Février 2020-*

## SPECIALITE :

- a- Myelopathies cervico-arthrosique
- b- Scoliose degenerative et idiopathies
- c- Pathologies intrarachidiens

## BOURSES OBTENUES:

Bourses Universitaires de Formation octroyées par le Faculté de Médecine (UCL) : sept 01- sept 03

## BIBLIOGRAPHIE :

### I. Full Papers :

#### a) Publications avec peer-review (National & International)

1. **Cat scratch disease presenting as meningomyeloradiculopathy**  
Hmaimess G, Kadhim H, Saint Martin C, *Abu Serieh B*, Mousny M, Sebire G.  
**Archives of Disease in Childhood** 2004 Jul;89(7):691-2. (IF 2003: 1.722)
2. **Memory and Mammillothalamic tract: Absence of memory dysfunction after bilateral MB/MTT DBS Lead implantation**  
Duprez T, *Abu Serieh B*, Raftopoulos C  
**American Journal of Neuroradiology**. 2005 Jan; 26(1):195-7; author reply 197-8 (IF 2003: 2.629)
3. **Deep EEG Recordings of the Mammillary Body in Epilepsy Patients**  
Kenou van Rijckevorsel, *Basel Abu Serieh*, Marianne de Tourtchaninoff, Christian Raftopoulos  
**Epilepsies** (Brief Communication). 2005 May;46(5):781-5. (IF 2003 : 3.549)
4. **Microsurgical results with large or giant vestibular schwannomas with preservation of facial and cochlear nerve function as the primary aim**  
C. Raftopoulos: *B. Abu Serieh* T. Duprez M.A. Docquier and J.M. Guérit  
**Acta Neurochirurgica**. (Full article). 2005 July;147(7):697-706. (IF 2003: 0.977)
5. **Epileptic Discharges in Mammillary Body of a Patient with Refractory Epilepsy**  
Raftopoulos C, van Rijckevorsel K, *Abu Serieh B*, de Tourtchaninoff M, Mary G, Grandin C, Duprez T, Ivanoiu A.  
**Neuromodulation (case report)**, 2005 October;8(4):236-240 (IF 2003: 0.875)
6. **Unusual CT/MR Features of Putative Ligamentum Flavum Ossification in a North African Woman**  
Imad Jaffan, *Basel Abu Serieh*, Thierry Duprez, Guy Cosnard, Christian Raftopoulos  
**British Journal of Radiology**. (Review). 2006 Aug, 79(944): e67-70. (IF: 1.232)
7. **Stereotactic Ventriculoperitoneal Shunting for Refractory Idiopathic Intracranial Hypertension.**  
*Basel Abu-Serieh*, Keyvan Ghassempour, Thierry Duprez, Christian Raftopoulos  
**Neurosurgery**. 2007 Jun ;60(6) :1039-44 (IF : 2.692)
8. **Postoperative Spinal adhesive arachnoiditis presenting with hydrocephalus and cauda equina syndrome. Case report and review of the literature.**  
Guus Koerts, Herbert Rooijackers, *Basel Abu-Serieh*, Guy Cosnard, Christian Raftopoulos.  
**Clinical Neurology and Neurosurgery**, 2008 Feb;110(2) :171-5 (IF: 1.506)
9. **Subdural Motor Cortex Stimulation for central and peripheral neuropathic pain: a long-term follow-up study in a series of eight patients.**  
Maxime Delavallee, *Basel Abu-Serieh*, Jean-Michel Guerit, Christian Raftopoulos.  
**Neurosurgery**, 2008 Jul ; 63(1) :101-8 (IF : 2.9)
10. **Shunting of Syringomyelic Cavities by Using a Myringotomy Tube: Technical Note and Long-Term Results.**  
Tassigny D, *Abu-Serieh B*, Fofe DT, Born J, Milbouw G.  
**World Neurosurgery**, 2017 Feb ; 98 :1-5.

#### b) Publications sans peer- review (National & International)

1. **Le traitement chirurgical de l'épilepsie réfractaire**  
*Abu Serieh B*, Vaz G, van Rijckevorsel K, Raftopoulos C.  
**Neurone**. Volume9, N°5, 2004 (138-141)

### III. Abstracts :

1. **Subthalamic Nucleus Stimulation Using a Simplified Anatomic Clinical Guided Electrode Implantation in Patients with Parkinson's Disease.**  
C. Raftopoulos, A. Jean jean, A. Collard, *B. Abu Serieh*, T. Duprez, M. Guerit, G. Cosnard, C. Thauvoy  
Stereotactic and Functional Neurosurgery 2001; 77: 141 (IF 2002: 0.672)
2. **Chronic Electrical Stimulation of the Mammillary Bodies and the Mammillothalamic Tracts in Chronic Refractory Epilepsy**  
Raftopoulos C, van Rijckevorsel K, *Abu Serieh B*, de Tourtchaninoff M, Ivanoiu A, Mary G, Grandin C, Duprez T  
Neuromodulation 2004 ;7: 148 (IF 2003 0.875)
3. **Anatomical Study of the Mammillothalamic Tract in Humans using 3D T1-Weighted SPGR MR Imaging.**  
*Abu Serieh B*, Duprez T, van Rijckevorsel K, Raftopoulos C.  
Acta Neurochirurgica. 2004;146 878 (IF 2003 0.977)
4. **Preliminary Results of Deep Brain Stimulation of the Mammillary Bodies and Mammillothalamic Tracts in Chronic Refractory Epilepsy.**  
Raftopoulos C, van Rijckevorsel K, *Abu Serieh B*, de Tourtchaninoff M, Ivanoiu A, Grandin C.  
Acta Neurochirurgica. 2004;146 885 (IF 2003 0.977)
5. **Deep EEG recordings in the mammillary body in humans.**  
De Tourtchaninoff M, *Abu Serieh B*, Van Rijckevorsel K, Raftopoulos C.  
Epilepsia. 2004 Numbers ; (IF 2003 3.549)
6. **Safety and tolerability of deep brain stimulation of mammillary bodies and mammillothalamic area in patients with refractory epilepsy**  
Kenou van Rijckevorsel, *Basel Abu Serieh*, Marianne de Tourtchaninoff, Gwenaëlle Mary, Adrian Ivanoiu, Cécile Grandin, Thierry Drupez, Christian Raftopoulos  
Epilepsia, Vol. 45, Suppl. 7, page 164. 2004 (IF 2003 3.549)
7. **Résultats préliminaires de la stimulation électrique chronique des corps mamillaires dans l'épilepsie Réfractaire chronique.**  
Raftopoulos C., Ivanoiu A., *Abu Serieh B.*, De Tourtchaninoff M., Duprez T., Grandin C., Van Rijckevorsel K.  
Neurochirurgie, 2004, 50, n° 5, 579 (IF 2003 0.248)
9. **The mammillary bodies and mammillothalamic tracts stimulation in patients with chronic refractory epilepsy: is it safe for memory? - experience in five cases –**  
Adrian Ivanoiu, Kenou van Rijckevorsel, *Basel Abu Serieh*, Marianne de Tourtchaninoff, Gwenaëlle Mary, Cécile Grandin, Thierry Duprez, Christian Raftopoulos.  
Neuromodulation, April 2006, Vol 9, No 2 (152-153)
10. **Long-term Safety of Deep Brain Stimulation of Mammillary Body and Mammillothalamic Tract in Patients with Refractory Epilepsy: Experience with Five Cases.**  
*Basel Abu-Serieh*, Adrian Ivanoiu, Kenou van Rijckevorsel, Gwenaëlle Mary, Marianne de Tourtchaninoff, Cécile Grandin, Thierry Duprez, Christian Raftopoulos.  
Acta Neurochirurgica, October 2006, Vol 148, No 10

### III. Posters et Communications

#### a) Posters:

1. **Subthalamic Nucleus Stimulation using a Simplified Electrode Implantation in Patients with Parkinson's Disease.**  
C. Raftopoulos, A. Jeanjean, A. Collard, *B. Abu Serieh*, T. Duprez, M. Guerit, G. Cosnard, C. Thauvoy  
International Congress of Stereotactic Functional Neurosurgery, Adelaide, Australia, September 2001.

2. **Complications Associated with Transylvian Approach of Dominant Hemisphere.**  
Christian Raftopoulos, Geraldo Ribeiro Vaz, Basel Abu Serieh, Xavier Wittebole, Jean-Louis Scholtes B Abu Serieh, CV. 5  
Congress of Neurological Surgeon, San Diego, USA, September 2001
3. **Tumeur Neuroectodermique Primitive Radiculaire Cervicale : A propos d'un cas et revue de la littérature.**  
A. Collard, C. Raftopoulos, B. Abu Serieh, G. Cosnard, C. Godfaind  
SNLF, Saint-Etienne, France, June 2002.
4. **Procédure Simplifiée de Revascularisation dans la Maladie de Moya-Moya.**  
A. Collard, C. Raftopoulos, B. Abu Serieh, A. Keyeux, T. Duprez, P. Goffette  
SNLF, Paris, France, Novembre 2002
5. **Subthalamic Nucleus Stimulation Using a Simplified Anatomic Clinical Guided Electrode Implantation in Patients with Parkinson's Disease.**  
C. Raftopoulos, A. Jeanjean, A. Collard, B. Abu Serieh, T. Duprez, M. Guerit, G. Cosnard, C. Thauvoy  
Quadrennial Meeting of American Society for Stereotactic and Functional Neurosurgery (ASSFN)  
New York, USA, 18-21 May, 2003
6. **New target for deep brain stimulation in chronic refractory epilepsy: preliminary data of 3 patients**  
van Rijckevorsel K, Raftopoulos C, Abu Serieh B, de Tourtchaninoff M, Ivanoiu A, Grandin C, Drupez T  
Seventh Eilat Conference on New Antiepileptic Drugs – Villasimius, Sardinia, Italy May 9-13, 2004
7. **Anatomical Study of the Mammillothalamic Tract in Humans using 3D T1-Weighted SPGR MR Imaging. (oral poster)**  
Abu Serieh B, Duprez T, van Rijckevorsel K, Raftopoulos C.  
16th Congress of the European Society for Stereotactic and Functional Neurosurgery (ESSFN), Vienna, Austria, June 23-26, 2004
8. **Safety and tolerability of deep brain stimulation of mammillary bodies and mammillothalamic area in patients with refractory epilepsy**  
Kenou van Rijckevorsel, Basel Abu Serieh, Marianne de Tourtchaninoff, Gwenaëlle Mary, Adrian Ivanoiu, Cécile Grandin, Thierry Drupez, Christian Raftopoulos. AMERICAN EPILEPSY SOCIETY 2004 ANNUAL MEETING – DECEMBER 3-7 – MORIAL CONVENTION CENTER, NEW ORLEANS, LA
9. **Effect of Sevoflurane or Propofol General Anesthesia on Electro-corticography during Multiple Subpial Transection**  
M-A, Docquier; S, Walckiers; M, Van Boven; G, van Rijckevorsel; B. Abu Serieh; C, Raftopoulos  
32nd Annual Meeting of the Society of Neurosurgical Anesthesia and Critical Care, Las Vegas, Nevada, October 22, 2004
10. **The mammillary bodies and mammillothalamic tracts stimulation in patients with chronic refractory epilepsy: is it safe for memory? - experience in five cases –**  
Adrian Ivanoiu, Kenou van Rijckevorsel, Basel Abu Serieh, Marianne de Tourtchaninoff, Gwenaëlle Mary, Cécile Grandin, Thierry Duprez, Christian Raftopoulos. Benelux Neuromodulation Society Meeting, Gent, Belgium November 2006
11. **Deep Brain Stimulation of the Mammillary Body and the Mammillothalamic Tract in Chronic Refractory Epilepsy: Is It Safe for Memory? Experience in Five Patients.**  
The Eighth Eilat Conference on New Antiepileptic Drugs. 10-14 September Sitges, Spain

### ***b) Communications Orales:***

1. **Technique simplifiée d'implantation de macroélectrode pour stimulation du noyau sous-thalamique dans la maladie de Parkinson.**  
A. Collard, C. Raftopoulos, A. Jeanjean, B. Abu Serieh, T. Duprez, M. Guérit, G. Cosnard  
Société de Neurochirurgie de Langue Française, Paris, November 2001
2. **Pseudotumor Cerebri.**  
C. Raftopoulos, B. Abu Serieh  
Association of French & Japanese Neurosurgeons, Paris, February 2000
3. **Faible Taux de Complications Associe à l'abord Transylvien de l'Hémisphère Gauche.**  
Geraldo Ribeiro Vaz, Christian Raftopoulos, Basel Abu Serieh, Xavier Wittebole, M-A Docquier  
SNLF, Saint-Etienne, France, June 2002

4. **Preliminary Results of Deep Brain Stimulation of the Mammillary Bodies and Mammillothalamic Tracts in Chronic Refractory Epilepsy.**  
Raftopoulos C, van Rijckevorsel K, *Abu Serieh B*, de Tourtchaninoff M, Ivanoiu A, Grandin C.  
16th Congress of the European Society for Stereotactic and Functional Neurosurgery (ESSFN), Vienna, Austria, June 23–26, 2004
5. **Deep EEG recordings in the mammillary body in humans.**  
De Tourtchaninoff M, *Abu Serieh B*, Van Rijckevorsel K, Raftopoulos C.  
6th European Congress on Epileptology 2004, Vienna May 30-June 3.
6. **Résultats préliminaires de la stimulation électrique chronique des corps mamillaires dans l'épilepsie réfractaire chronique.**  
Raftopoulos C., Ivanoiu A., *Abu Serieh B*, De Tourtchaninoff M., Duprez T., Grandin C., Van Rijckevorsel K.  
S.N.C.L.F. Réunion Annuelle de Paris, 21-24 novembre 2004
7. **Microsurgical results with large or giant vestibular schwannomas with preservation of facial and Cochlear nerve function as the primary aim**  
*B. Abu Serieh*, T. Duprez, M.A. Docquier and J.M. Guérit, C. Raftopoulos  
Belgian Association of Neuro-oncology (BANO-meting), Leuven 23 September 2005, Belgium
8. **Long-term Safety of Deep Brain Stimulation of Mammillary Body and Mammillothalamic Tract in Patients with Refractory Epilepsy: Experience with Five Cases.**  
*Basel Abu-Serieh*, Adrian Ivanoiu, Kenou van Rijckevorsel, Gwenaëlle Mary, Marianne de Tourtchaninoff, Cécile Grandin, Thierry Duprez, Christian Raftopoulos.  
17th Congress of the European Society for Stereotactic and Functional Neurosurgery (ESSFN), Montreux, Switzerland, October 4–7, 2006
9. **TRAITEMENT DES CAVITES SYRINGOMYELIQUES PAR DRAIN TRANS-TYMPANIQUE : résultats radio-cliniques sur une série de 11 patients.**  
*B. ABU-SERIEH*, G.MILBOUW, J-M. REMACLE, J.D. BORN · Services de Neurochirurgie, CHR de la Citadelle (Liège) et CHR de Namur, Belgique.  
Congrès SNCLF Paris, France, Novembre 27-30, 2011.
10. **Place de l'abord chirurgical dans la prise de metastase cérébrales ; Troisième Symposium Pluridisciplinaire d'Automne en Oncologie Thoracique.**  
*B. ABU-SERIEH*, Oulad Ben TAIB. CHU St Pierre  
Palais de Congrès, Namur, Novembre 14, 2014.