

Curriculum Vitae

Augustin Lecler (08/07/1985)

EDUCATION

Degrees earned

- 01/06/2018: **PhD Doctoral Thesis**: INSERM Unit UMR-S970, PARCC laboratory, Paris 5 University, Sorbonne Paris Cité.
- 01/11/2017: **National degree of neuro-ophthalmology** (Paris VI University, Paris)
- 01/11/2017: **Certificate of Business Administration** (Paris V University, Paris Sorbonne Cité University, Paris)
- 01/11/2016: **National degree of diagnostic and therapeutic neuroradiology** (Paris VI University, Paris) : Major of promotion
- 01/11/2014: **European degree of diagnostic and therapeutic radiology (EDIR)**
- 2014: **Four Week Radiologic Pathology Correlation Course - AIRP**: Washington D.C, USA
- 01/11/2014: **French National degree of diagnostic and therapeutic radiology**
- 01/11/2012: **Master 2 of BioMedical Imaging (Master's Degree in Science)**: INSERM UMR894 Paris V University, Paris Sorbonne Cité University, Paris
- 01/11/2011: **Medical Thesis**: Paris V University, Paris Sorbonne Cité University, Paris
- 01/07/2008: **French National Residency Examination (ECN)**: rank 18 / 7358
- 01/11/2005: **Master 1 of Physiology**: Paris V University, Paris Sorbonne Cité University, Paris
- 01/09/2003: **Medical School Entrance Exam**: Paris V University, Paris Sorbonne Cité University, Paris: rank 81 / 158
- 01/07/2002: **General Baccalauréat**: scientific section, with mention good: Henri IV high school, Paris.

Universities attended

- **2014-2016 Fellow** at the A. de Rothschild Foundation, Paris, Paris VII University.
- **2008 - 2014 Resident**: Paris University Hospitals (6 months each)
- **2002 - 2008 Medical Student**: Paris V University, Paris Sorbonne Cité University, Paris.

PROFESSIONAL POSITIONS HELD

- **2016-now: Attending neuroradiologist** at the A. de Rothschild Foundation, Paris.

COURSES TAUGHT / SERVICES TO THE STUDENTS AND HOME INSTITUTION

Courses taught to the students

- Weekly courses for radiology, neurology, head-and-neck and ophthalmology residents of the A. de Rothschild Foundation, Paris (Home institution)
- Quarterly courses for residents and medical students of the Paris VII-Diderot University (Home university)
- Annual courses for radiology residents of Paris (for the French National degree of diagnostic and therapeutic radiology)
- University annual courses:
 - University Degree of Vascular Neuroradiology (Paris V Descartes)
 - University Degree of Neuro-Ophthalmology (Paris VI Curie)
 - University Degree of Head-And-Neck (Paris V)

Refresher Courses organized

- 2014: Orbital imaging course (IMAGOPH)
- 2015: Ile-De-France Neuroradiological Refresher Course (SFR)
- 2016: Neuroradiological Imaging (AFIIM)
- 2016: Imaging of the visual pathways (AFIIM)

Participation at Congress Courses

- 2015, 2016, 2017: Doppler of supra aortic trunks and transcranial Doppler (French Congress of Radiology)
- 2016: Imaging of visual pathways (Israelian Congress of Radiology)
- 2016: Imaging of orbital tumors (Moroccan Congress of Radiology)
- 2016: Imaging of the oculomotricity (Moroccan Congress of Radiology)
- 2016: Loss of visual acuity (Moroccan Congress of Radiology)
- 2016 and 2017: Junior interpretation session (French Congress of Neuroradiology)
- 2017: Mydriasis (French Congress of Radiology)
- 2017: Young Adult Neuropathies (French Congress of Radiology)

Supervision and mentoring activities

- Supervision of 9 thesis of medicine
- Supervision and mentoring of 1 Master of Sciences
- Co-supervision of 1 PhD Doctoral Thesis

PUBLICATIONS

1. Weisenburger-Lile D, Obadia M, Cahuzac A, Lecler A. Ophthalmic artery MRI in an arteritis-related central retinal artery occlusion. *Neurology*. 2018 Jan 23;90(4):188-189. doi: 10.1212/WNL.0000000000004864.
2. Friang C, Caputo G, Freneaux P, Lecler A. Teaching NeuroImages: A diffuse infiltrating retinoblastoma. *Neurology*. 2018 Jan 23;90(4):e357-e358. doi: 10.1212/WNL.0000000000004855
3. Attyé A, Jean C, Remond P, Peyrin C, Lecler A, Boudiaf N, Aptel F, Chiquet C, Lamalle L, Krainik A Track-weighted imaging for neuroretina: Evaluations in healthy volunteers and ischemic optic neuropathy. *J Magn Reson Imaging*. 2018 Jan 2. doi: 10.1002/jmri.25941
4. Fargeot G, Aboab J, Savatovsky J, Marignier R, Lecler A, Gout O. Central nervous system Aquaporin4 autoimmunity revealed by a single pseudotumoral encephalic lesion. *Metab Brain Dis*. 2017 Oct 31. doi: 10.1007/s11011-017-0141-y

5. Lecler A, Dunant A, Delalogue S, Wehrer D, Moussa T, Caron O, Balleyguier C. Breast tissue density change after oophorectomy in BRCA mutation carrier patients using visual & volumetric analysis. *Br J Radiol*. 2017 Nov 28;20170163. doi: 10.1259/bjr.20170163. [Epub ahead of print]
6. Savignac A, Lecler A. An optic nerve meningioma mimicking a cavernous hemangioma. *World Neurosurg*. 2017 Nov 27. pii: S1878-8750(17)32039-9. doi: 10.1016/j.wneu.2017.11.107. [Epub ahead of print]
7. Fahed R, Lecler A, Sabben C, Khoury N, Ducroux C, Chalumeau V, Botta D, Kalsoum E, Boisseau W, Duron L, Cabral D, Koskas P, Benaissa A, Koulakian H, Obadia M, Maer B, Weisenburger-Lile D, Lapergue B, Wang A, Redjem H, Ciccio G, Smajda S, et al. DWI-ASPECTS (Diffusion-Weighted Imaging-Alberta Stroke Program Early Computed Tomography Scores) and DWI-FLAIR (Diffusion-Weighted Imaging-Fluid Attenuated Inversion Recovery) Mismatch in Thrombectomy Candidates: An Intrarater and Interrater Agreement Study. *Stroke*. 2017 Nov 30. pii: STROKEAHA.117.019508. doi: 10.1161/STROKEAHA.117.019508. [Epub ahead of print]
8. Mageau A, Shor N, Fisselier M, Aboab J, Lecler A, Rebours C, Adle-Biassette H, Gout O, Deschamps R. Rituximab for corticosteroid-resistant relapsing IgG4-related intracranial pachymeningitis: report of two cases. *Pract Neurol*. 2017 Dec 5. pii: practneurol-2017-001826. doi: 10.1136/practneurol-2017-001826. [Epub ahead of print]
9. Lecler A, Savignac A. Differentiating Optic Meningioma from Cavernous Hemangioma Using Multiparametric MRI. *World Neurosurg*. 2017 Dec 27. pii: S1878-8750(17)32244-1. doi: 10.1016/j.wneu.2017.12.128.
10. Lecler A. Multiparametric Imaging Improves Confidence in the Diagnosis of Multinodular and Vacuolating Neuronal Tumor of the Cerebrum. *AJNR Am J Neuroradiol*. 2017 Oct 19. doi: 10.3174/ajnr.A5425
11. Naggara ON, Edjlali M, Ben Hassen W, Lecler A. Risk Factors for Aneurysm Recurrence: Response. *Radiology*. 2017 Jun;283(3):919-920. doi: 10.1148/radiol.2017162628
12. Lecler A. TIPIC syndrome. *Neurology*. 2017 Oct 10;89(15):1646-1647. doi: 10.1212/WNL.0000000000004502.
13. Lecler A. Open Globe Injury: Ultrasound First! *AJNR Am J Neuroradiol*. 2017 Aug 17. doi: 10.3174/ajnr.A5282.
14. Badat N, Savatovsky J, Charbonneau F, Collin A, Lecler A. Multinodular vacuolating and neuronal tumor of the cerebrum. *Neurology*. 2017 Jul 18;89(3):304-305. doi: 10.1212/WNL.0000000000004123.
15. Lecler A. Repeatability of apparent diffusion coefficient and intravoxel incoherent motion parameters at 3.0 Tesla in orbital lesions. *Eur Radiol*. 2017 Jul 4. doi: 10.1007/s00330-017-4933-6.
16. Lecler A. Coregistration and Fusion: An Easy and Reliable Method for Identifying Cranial Nerve IV on MRI. *AJNR Am J Neuroradiol*. 2017 Oct;38(10):E81-E82. doi: 10.3174/ajnr.A5286.
17. Remond P, Attyé A, Lecler A. The Central Bright Spot Sign: A Potential New MR Imaging Sign for the Early Diagnosis of Anterior Ischemic Optic Neuropathy due to Giant Cell Arteritis. *AJNR Am J Neuroradiol*. 2017 Jul;38(7):1411-1415. doi: 10.3174/ajnr.A5205.
18. Lecler A. TIPIC Syndrome: Beyond the Myth of Carotidynia, a New Distinct Unclassified Entity. *AJNR Am J Neuroradiol*. 2017 Jul;38(7):1391-1398. doi: 10.3174/ajnr.A5214.
19. Deschamps R, Lecler A. Etiologies of acute demyelinating optic neuritis: an observational study of 110 patients. *Eur J Neurol*. 2017 Jun;24(6):875-879. doi: 10.1111/ene.13315.
20. Koulakian H, Savatovsky J, Breil S, Sadik JC, Trunet S, Lecler A. Atypical intracranial artifacts caused by dreadlocks during brain Magnetic Resonance Imaging: Keep calm

- and recognize them. *J Neuroradiol.* 2017 Feb;44(1):57-62. doi: 10.1016/j.neurad.2016.06.004.
21. Lecler A. Blood-Brain Barrier Leakage in Early Alzheimer Disease. *Radiology.* 2017 Mar;282(3):923-925. doi:10.1148/radiol.2017162578.
 22. Lemaître S, Lecler A. Evisceration and ocular tumors: What are the consequences? *J Fr Ophtalmol.* 2017 Feb;40(2):93-101. doi: 10.1016/j.jfo.2016.10.007.
 23. Soussan JB, Deschamps R, Sadik JC, Savatovsky J, Deschamps L, Puttermann M, Zmuda M, Heran F, Galatoire O, Picard H, Lecler A. Infraorbital nerve involvement on magnetic resonance imaging in European patients with IgG4-related ophthalmic disease: a specific sign. *Eur Radiol.* 2017 Apr;27(4):1335-1343. doi: 10.1007/s00330-016-4481-5.
 24. Lecler A. Response to characterization of orbital masses by multiparametric MRI. *Eur J Radiol.* 2016 Sep;85(9):1686-7. doi:10.1016/j.ejrad.2016.06.018.
 25. Lecler A. Usefulness of colour Doppler flow imaging in the management of lacrimal gland lesions. *Eur Radiol.* 2017 Feb;27(2):779-789. doi: 10.1007/s00330-016-4438-8
 26. Lecler A. Magnetic resonance imaging at one year for detection of postoperative residual cholesteatoma in children: Is it too early? *Int J Pediatr Otorhinolaryngol.* 2015 Aug;79(8):1268-74. doi: 10.1016/j.ijporl.2015.05.028.
 27. Lecler A. Intracranial Aneurysms: Recurrences More than 10 Years after Endovascular Treatment-A Prospective Cohort Study, Systematic Review, and Meta-Analysis. *Radiology.* 2015 Oct;277(1):173-80. doi: 10.1148/radiol.2015142496.
 28. Lecler A. Massive biliary necrosis as a complication of a hereditary hemorrhagic telangiectasia. *Eur J Gastroenterol Hepatol.* 2015 Apr;27(4):471-4. doi: 10.1097/MEG.0000000000000309.
 29. Isabel C, Lecler A. Relationship between watershed infarcts and recent intra plaque haemorrhage in carotid atherosclerotic plaque. *PLoS One.* 2014 Oct 1;9(10):e108712. doi: 10.1371/journal.pone.0108712.
 30. Naggara ON, Lecler A. Endovascular treatment of intracranial unruptured aneurysms: a systematic review of the literature on safety with emphasis on subgroup analyses. *Radiology.* 2012 Jun;263(3):828-35. doi: 10.1148/radiol.12112114.
 31. Coriat R, Lecler A. Quality indicators for colonoscopy procedures: a prospective multicentre method for endoscopy units. *PLoS One.* 2012;7(4):e33957. doi: 10.1371/journal.pone.0033957.
 32. Barret M, Coriat R, Lecler A. Flexible sigmoidoscopy: an archaic tool for 40-50-year-old patients with fresh bleeding per rectum. *Endoscopy.* 2012 Feb;44(2):217. doi: 10.1055/s-0030-1257047.
 33. Lecler A. Focal nodular hyperplasia. *Clin Res Hepatol Gastroenterol.* 2011 Mar;35(3):159-60. doi: 10.1016/j.clinre.2010.10.006.
 34. Duron L, Savatovsky J, Obadia M, Metten MA, Roux P, Blanc R, Sadik JC, Dhundass S, Lecler A. Magnetic resonance post-contrast vascular hyperintensities at 3 T: a new highly sensitive sign of vascular occlusion in acute ischaemic stroke. *Eur Radiol.* 2018 Feb 9. doi: 10.1007/s00330-018-5312-7
 35. Lecler A, Gillard P. Re: Chang et al.: Accuracy of diagnostic imaging modalities for classifying pediatric eyes as papilledema versus pseudopapilledema (*Ophthalmology.* 2017;124:1839-1848). *Ophthalmology.* 2018 Mar;125(3):e23. doi: 10.1016/j.ophtha.2017.09.025
 36. Congenital Achromatopsia. Lecler A, Attye A, Edelson C. *J Neuroophthalmol.* 2018 Mar 20. doi: 10.1097/WNO.0000000000000650
 37. Infraorbital Nerve Involvement on Magnetic Resonance Imaging in IgG4-Related Ophthalmic Disease: A Highly Suggestive Sign. Lecler A, Zmuda M, Deschamps R. *Ophthalmology.* 2018 Apr;125(4):577. doi: 10.1016/j.ophtha.2017.12.025
 38. Increasing the Accuracy of Optic Nerve Measurement Using 3D Volumetry. Lecler A, Savatovsky J, Lamirel C. *AJNR Am J Neuroradiol.* 2018 Apr 12. doi: 10.3174/ajnr.A5625

39. Remote brain microhaemorrhages may predict haematoma in glioma patients treated with radiation therapy. Lecler A, Charbonneau F, Psimaras D, Metten MA, Gueguen A, Hoang Xuan K, Feuvret L, Savatovsky J. *Eur Radiol*. 2018 Apr 12. doi: 10.1007/s00330-018-5356-8
40. Application of the DAWN clinical-imaging mismatch and DEFUSE 3 selection criteria: benefit seems similar but restrictive volume cut-offs might omit potential responders. Ducroux C, Khoury N, Lecler A, Blanc R, Chetrit A, Redjem H, Ciccio G, Smajda S, Escalard S, Desilles JP, Mazighi M, Ben Maacha M, Piotin M, Fahed R. *Eur J Neurol*. 2018 Apr 18. doi: 10.1111/ene.13660
41. Traumatic Optic Nerve Transection. Lecler A, Savatovsky J, Cahuzac A. *JAMA Ophthalmol*. 2018 May 10;136(5):e180490. doi: 10.1001/jamaophthalmol.2018.0490
42. Introduction of the TIPIC syndrome in the next ICHD classification. Lecler A, Obadia M, Sadik JC. *Cephalalgia*. 2018 Jan 1:333102418780485. doi: 10.1177/0333102418780485
43. Improved Detection of New MS Lesions during Follow-Up Using an Automated MR Coregistration-Fusion Method. Galletto Pregliasco A, Collin A, Guéguen A, Metten MA, Aboab J, Deschamps R, Gout O, Duron L, Sadik JC, Savatovsky J, Lecler A. *AJNR Am J Neuroradiol*. 2018 Jun 7. doi: 10.3174/ajnr.A5690
44. Acute idiopathic optic neuritis: not always benign. Deschamps R, Gueguen A, Lecler A, Lecouturier K, Lamirel C, Bensa C, Marignier R, Vignal C, Gout O. *Eur J Neurol*. 2018 Jul 13. doi: 10.1111/ene.13753
45. Lacrimal Gland Ischemia due to Giant Cell Arteritis. Heraud A, Zmuda M, Lecler A. *Ophthalmology*. 2018 Aug;125(8):1233. doi: 10.1016/j.ophtha.2018.04.032
46. MRI findings in orbital infarction syndrome. Fargeot G, Lecler A, Lamirel C, Savatovsky J, Obadia M. *Rev Neurol (Paris)*. 2018 Sep - Oct;174(7-8):571-573. doi: 10.1016/j.neurol.2017.07.015
47. Rosette-Forming Glioneuronal Tumor of the Spinal Cord. Collin A, Biassette HA, Lecler A. *World Neurosurg*. 2018 Aug 16. pii: S1878-8750(18)31817-5. doi: 10.1016/j.wneu.2018.08.035

OTHER PROFESSIONAL ACTIVITIES

- Reviewer for the following journals: *Investigative Radiology*, *Journal of Neuroradiology*, *Diagnostic and Interventional Imaging*, *Acta Neurologica Belgica*
- Publication of more than 10 books in Radiology and redaction of chapters in 4 books.

PROFESSIONAL HONORS, AWARDS AND FELLOWSHIPS

- 2012: Winner **“Invest in the Youth”**. European Society of Radiology
- 2013: Winner **for the best case of radiologic pathology correlation/Grant for AIRP**. French Society of Radiology (SFR)
- 2014: **Winner for the best case of radiologic pathology- AIRP**: Washington D.C
- 2018: US-state department Fulbright laureate.