

# Stanford

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## Augustin Lecler

Postdoctoral Research Fellow, Radiological Sciences Laboratory

 Curriculum Vitae available Online

### Bio

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#### HONORS AND AWARDS

- Fulbright grant, Fulbright (2018)
- Best case of radiologic pathology correlation, AIRP (2013)
- Invest in the Youth, European Society of Radiology (2012)

#### PROFESSIONAL EDUCATION

- Bachelor, Lycee Henri IV (2002)
- MSc, Universite de Paris V (Rene Descartes) , Biomedical Imaging (2012)
- MD, Universite de Paris V (Rene Descartes) , Medicine (2014)
- PhD, Universite de Paris V (Rene Descartes) , Imaging (2018)

#### STANFORD ADVISORS

- Brian Rutt, Postdoctoral Faculty Sponsor

### Teaching

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#### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Bioengineering (Phd Program)
- Medicine (Masters Program)
- Neuroradiology (Fellowship Program)

### Publications

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#### PUBLICATIONS

- **Hemorrhagic transformation after stroke: Interrater and intrarater agreement.** *European journal of neurology*  
Guenego, A., Lecler, A., Raymond, J., Sabben, C., Khoury, N., Premat, K., Botta, D., Boisseau, W., Maier, B., Ciccio, G., Redjem, H., Smajda, S., Ducroux, et al  
2018
- **Multiparametric Imaging Improves Confidence in the Diagnosis of Multinodular and Vacuolating Neuronal Tumor of the Cerebrum.** *AJNR. American journal of neuroradiology*  
Lecler, A., Chauvet, D., Biassette, H. A., Savatovsky, J.  
2018; 39 (2): E32–E33
- **Central nervous system Aquaporin4 autoimmunity revealed by a single pseudotumoral encephalic lesion.** *Metabolic brain disease*  
Fargeot, G., Aboab, J., Savatovsky, J., Marignier, R., Lecler, A., Gout, O.

2018; 33 (1): 353–55

- **Breast tissue density change after oophorectomy in BRCA mutation carrier patients using visual and volumetric analysis.** *The British journal of radiology*  
Lecler, A., Dunant, A., Delalogue, S., Wehrer, D., Moussa, T., Caron, O., Balleyguier, C.  
2018; 91 (1083): 20170163
- **Optic Nerve Meningioma Mimicking Cavernous Hemangioma.** *World neurosurgery*  
Savignac, A., Lecler, A.  
2018; 110: 301–2
- **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*  
Fahed, R., Lecler, A., Sabben, C., Khoury, N., Ducroux, C., Chalumeau, V., Botta, D., Kalsoum, E., Boisseau, W., Duron, L., Cabral, D., Koskas, P., Benaïssa, et al  
2018; 49 (1): 223–27
- **Rituximab for corticosteroid-resistant relapsing IgG4-related intracranial pachymeningitis: report of two cases.** *Practical neurology*  
Mageau, A., Shor, N., Fisselier, M., Aboab, J., Lecler, A., Rebours, C., Adle-Biasette, H., Gout, O., Deschamps, R.  
2018; 18 (2): 159–61
- **In Response to the Letter to the Editor Regarding "Optic Nerve Meningioma Mimicking Cavernous Hemangioma".** *World neurosurgery*  
Lecler, A., Savignac, A.  
2018; 111: 436
- **Track-weighted imaging for neuroretina: Evaluations in healthy volunteers and ischemic optic neuropathy.** *Journal of magnetic resonance imaging : JMRI*  
Attyé, A., Jean, C., Remond, P., Peyrin, C., Lecler, A., Boudiaf, N., Aptel, F., Chiquet, C., Lamalle, L., Krainik, A.  
2018
- **Ophthalmic artery MRI in an arteritis-related central retinal artery occlusion.** *Neurology*  
Weisenburger-Lile, D., Obadia, M., Cahuzac, A., Lecler, A.  
2018; 90 (4): 188–89
- **Teaching NeuroImages: A diffuse infiltrating retinoblastoma.** *Neurology*  
Friang, C., Caputo, G., Freneaux, P., Lecler, A.  
2018; 90 (4): e357–e358
- **Magnetic resonance post-contrast vascular hyperintensities at 3 T: a new highly sensitive sign of vascular occlusion in acute ischaemic stroke.** *European radiology*  
Duron, L., Savatovsky, J., Obadia, M., Metten, M. A., Roux, P., Blanc, R., Sadik, J. C., Dhundass, S., Lecler, A.  
2018; 28 (7): 2903–13
- **Re: Chang et al.: Accuracy of diagnostic imaging modalities for classifying pediatric eyes as papilledema versus pseudopapilledema (Ophthalmology. 2017;124:1839-1848).** *Ophthalmology*  
Lecler, A., Gillard, P.  
2018; 125 (3): e23
- **Congenital Achromatopsia.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*  
Lecler, A., Attye, A., Edelson, C.  
2018; 38 (3): 344–46
- **Infraorbital Nerve Involvement on Magnetic Resonance Imaging in IgG4-Related Ophthalmic Disease: A Highly Suggestive Sign.** *Ophthalmology*  
Lecler, A., Zmuda, M., Deschamps, R.  
2018; 125 (4): 577
- **Increasing the Accuracy of Optic Nerve Measurement Using 3D Volumetry.** *AJNR. American journal of neuroradiology*  
Lecler, A., Savatovsky, J., Lamirel, C.  
2018; 39 (6): E80
- **Remote brain microhaemorrhages may predict haematoma in glioma patients treated with radiation therapy.** *European radiology*  
Lecler, A., Charbonneau, F., Psimaras, D., Metten, M. A., Gueguen, A., Hoang Xuan, K., Feuvret, L., Savatovsky, J.  
2018; 28 (10): 4324–33

- **Application of the DAWN clinical imaging mismatch and DEFUSE 3 selection criteria: benefit seems similar but restrictive volume cut-offs might omit potential responders.** *European journal of neurology*  
Ducroux, C., Khoury, N., Lecler, A., Blanc, R., Chetrit, A., Redjem, H., Ciccio, G., Smajda, S., Escalard, S., Desilles, J. P., Mazighi, M., Ben Maacha, M., Piotin, et al  
2018; 25 (8): 1093–99
- **Traumatic Optic Nerve Transection.** *JAMA ophthalmology*  
Lecler, A., Savatovsky, J., Cahuzac, A.  
2018; 136 (5): e180490
- **Introduction of the TIPIC syndrome in the next ICHD classification.** *Cephalalgia : an international journal of headache*  
Lecler, A., Obadia, M., Sadik, J. C.  
2018: 333102418780485
- **Improved Detection of New MS Lesions during Follow-Up Using an Automated MR Coregistration-Fusion Method.** *AJNR. American journal of neuroradiology*  
Galletto Pregliasco, A., Collin, A., Guéguen, A., Metten, M. A., Aboab, J., Deschamps, R., Gout, O., Duron, L., Sadik, J. C., Savatovsky, J., Lecler, A.  
2018; 39 (7): 1226–32
- **Acute idiopathic optic neuritis: not always benign.** *European journal of neurology*  
Deschamps, R., Gueguen, A., Lecler, A., Lecouturier, K., Lamirel, C., Bensa, C., Marignier, R., Vignal, C., Gout, O.  
2018; 25 (11): 1378–83
- **Lacrimal Gland Ischemia due to Giant Cell Arteritis.** *Ophthalmology*  
Heraud, A., Zmuda, M., Lecler, A.  
2018; 125 (8): 1233
- **MRI findings in orbital infarction syndrome.** *Revue neurologique*  
Fargeot, G., Lecler, A., Lamirel, C., Savatovsky, J., Obadia, M.  
2018; 174 (7-8): 571–73
- **Rosette-Forming Glioneuronal Tumor of Spinal Cord.** *World neurosurgery*  
Collin, A., Adle-Biassette, H., Lecler, A.  
2018; 119: 242–43
- **Quality-Control Assessment to Improve the Accuracy of Dynamic Contrast-Enhanced MR Imaging Perfusion.** *AJNR. American journal of neuroradiology*  
Lecler, A., Sadik, J. C., Savatovsky, J.  
2018; 39 (10): E107
- **Is the Association of Retinal Venous Malformations With Venous Malformations of the Brain Clinically Meaningful?** *JAMA ophthalmology*  
Lecler, A., Duron, L., Savatovsky, J.  
2018
- **Teaching NeuroImages: Morning glory disc anomaly.** *Neurology*  
Poillon, G., Gillard, P., Lecler, A.  
2018; 91 (15): e1457–e1458
- **Risk Factors for Aneurysm Recurrence: Response** *Radiology*  
Naggara, O. N., Edjlali, M., Ben Hassen, W., Lecler, A., Boulouis, G., Oppenheim, C.  
2017; 283 (3): 919–20
- **Usefulness of colour Doppler flow imaging in the management of lacrimal gland lesions.** *European radiology*  
Lecler, A., Boucenna, M., Lafitte, F., Koskas, P., Nau, E., Jacomet, P. V., Galatoire, O., Morax, S., Putterman, M., Mann, F., Héran, F., Sadik, J. C., Picard, et al  
2017; 27 (2): 779–89
- **Infraorbital nerve involvement on magnetic resonance imaging in European patients with IgG4-related ophthalmic disease: a specific sign.** *European radiology*  
Soussan, J. B., Deschamps, R., Sadik, J. C., Savatovsky, J., Deschamps, L., Puttermann, M., Zmuda, M., Heran, F., Galatoire, O., Picard, H., Lecler, A.  
2017; 27 (4): 1335–43

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- **Evisceration and ocular tumors: What are the consequences?** *Journal francais d'ophtalmologie*  
Lemaître, S., Lecler, A., Lévy-Gabriel, C., Reyes, C., Desjardins, L., Gentien, D., Zmuda, M., Jacomet, P. V., Lumbroso-Le Rouic, L., Dendale, R., Vincent-Salomon, A., Pierron, G., Galatoire, et al  
2017; 40 (2): 93–101
  - **Blood-Brain Barrier Leakage in Early Alzheimer Disease.** *Radiology*  
Lecler, A., Fournier, L., Diard-Detoeuf, C., Balvay, D.  
2017; 282 (3): 923–25
  - **Atypical intracranial artifacts caused by dreadlocks during brain Magnetic Resonance Imaging: Keep calm and recognize them.** *Journal of neuroradiology. Journal de neuroradiologie*  
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2017; 44 (1): 57–62
  - **Etiologies of acute demyelinating optic neuritis: an observational study of 110 patients.** *European journal of neurology*  
Deschamps, R., Lecler, A., Lamirel, C., Aboab, J., Gueguen, A., Bensa, C., Vignal, C., Gout, O.  
2017; 24 (6): 875–79
  - **TIPIC Syndrome: Beyond the Myth of Carotidynia, a New Distinct Unclassified Entity.** *AJNR. American journal of neuroradiology*  
Lecler, A., Obadia, M., Savatovsky, J., Picard, H., Charbonneau, F., Menjot de Champfleure, N., Naggara, O., Carsin, B., Amor-Sahli, M., Cottier, J. P., Bensoussan, J., Auffray-Calvier, E., Varoquaux, et al  
2017; 38 (7): 1391–98
  - **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. American journal of neuroradiology*  
Remond, P., Attyé, A., Lecler, A., Lamalle, L., Boudiaf, N., Aptel, F., Krainik, A., Chiquet, C.  
2017; 38 (7): 1411–15
  - **Coregistration and Fusion: An Easy and Reliable Method for Identifying Cranial Nerve IV on MRI.** *AJNR. American journal of neuroradiology*  
Lecler, A., Savatovsky, J., Audren, F.  
2017; 38 (10): E81–E82
  - **Repeatability of apparent diffusion coefficient and intravoxel incoherent motion parameters at 3.0 Tesla in orbital lesions.** *European radiology*  
Lecler, A., Savatovsky, J., Balvay, D., Zmuda, M., Sadik, J. C., Galatoire, O., Charbonneau, F., Bergès, O., Picard, H., Fournier, L.  
2017; 27 (12): 5094–5103
  - **Multinodular vacuolating and neuronal tumor of the cerebrum.** *Neurology*  
Badat, N., Savatovsky, J., Charbonneau, F., Collin, A., Lecler, A.  
2017; 89 (3): 304–5
  - **Open Globe Injury: Ultrasound First!** *AJNR. American journal of neuroradiology*  
Lecler, A., Pinel, A., Koskas, P.  
2017; 38 (11): E99–E100
  - **TIPIC syndrome.** *Neurology*  
Lecler, A., Obadia, M., Sadik, J. C.  
2017; 89 (15): 1646–47
  - **Response to characterization of orbital masses by multiparametric MRI.** *European journal of radiology*  
Lecler, A., Balvay, D., Fournier, L.  
2016; 85 (9): 1686–87
  - **Magnetic resonance imaging at one year for detection of postoperative residual cholesteatoma in children: Is it too early?** *International journal of pediatric otorhinolaryngology*  
Lecler, A., Lenoir, M., Peron, J., Denoyelle, F., Garabedian, E. N., Pointe, H. D., Nevoux, J.  
2015; 79 (8): 1268–74
  - **Massive biliary necrosis as a complication of a hereditary hemorrhagic telangiectasia.** *European journal of gastroenterology & hepatology*  
Lecler, A., Ronot, M., Durand, F., Paradis, V., Vilgrain, V.  
2015; 27 (4): 471–74

- **Intracranial Aneurysms: Recurrences More than 10 Years after Endovascular Treatment-A Prospective Cohort Study, Systematic Review, and Meta-Analysis.** *Radiology*  
Lecler, A., Raymond, J., Rodriguez-Régent, C., Al Shareef, F., Trystram, D., Godon-Hardy, S., Ben Hassen, W., Meder, J. F., Oppenheim, C., Naggara, O. N.  
2015; 277 (1): 173–80
  
- **Relationship between watershed infarcts and recent intra plaque haemorrhage in carotid atherosclerotic plaque.** *PloS one*  
Isabel, C., Lecler, A., Turc, G., Naggara, O., Schmitt, E., Belkacem, S., Oppenheim, C., Touzé, E.  
2014; 9 (10): e108712
  
- **Endovascular treatment of intracranial unruptured aneurysms: a systematic review of the literature on safety with emphasis on subgroup analyses.** *Radiology*  
Naggara, O. N., Lecler, A., Oppenheim, C., Meder, J. F., Raymond, J.  
2012; 263 (3): 828–35
  
- **Quality indicators for colonoscopy procedures: a prospective multicentre method for endoscopy units.** *PloS one*  
Coriat, R., Lecler, A., Lamarque, D., Deyra, J., Roche, H., Nizou, C., Berretta, O., Mesnard, B., Bouygues, M., Soupison, A., Monnin, J. L., Podevin, P., Cassaz, et al  
2012; 7 (4): e33957
  
- **Flexible sigmoidoscopy: an archaic tool for 40-50-year-old patients with fresh bleeding per rectum.** *Endoscopy*  
Barret, M., Coriat, R., Lecler, A., Deyra, J., Prat, F., Chaussade, S.  
2012; 44 (2): 217
  
- **Focal nodular hyperplasia.** *Clinics and research in hepatology and gastroenterology*  
Lecler, A., Arrivé, L.  
2011; 35 (3): 159–60