

Listing des publications 2021 de l'IPNP

1. Adenis L, Plaszczynski S, Grammaticos B, **Pallud J**, Badoual M. [The Effect of Radiotherapy on Diffuse Low-Grade Gliomas Evolution: Confronting Theory with Clinical Data](#). J Pers Med. 2021 Aug 21;11(8). doi: 10.3390/jpm11080818. PubMed PMID: 34442462; PubMed Central PMCID: PMC8401413. **OPEN ACCES**. **Download from [HAL-INSERM](#)**
2. Airagnes G, du Vaure CB, Galam E, Bunge L, **Hoertel N**, **Limosin F**, Jaury P, **Lemogne C**. [Personality traits are associated with cognitive empathy in medical students but not with its evolution and interventions to improve it](#). J Psychosom Res. 2021 May;144:110410. doi: 10.1016/j.jpsychores.2021.110410. Epub 2021 Feb 26. PMID: 33676151 Clinical Trial. **Download from [HAL-INSERM](#)**
3. Alexandre C, **Di Lodovico L**, Szöke A, Schürhoff F. [\[Social defeat and schizophrenia: Hypotheses, arguments, mechanisms\]](#). Encephale. 2021 Jun;47(3):238-245. doi: 10.1016/j.encep.2020.07.005. Epub 2020 Dec 8. PMID: 33308864 Review. French.
4. **Androuin A**, **Verweij FJ**, **van Niel G**. [Zebrafish as a preclinical model for Extracellular Vesicle-based therapeutic development](#). Adv Drug Deliv Rev. 2021 Sep;176:113815. doi: 10.1016/j.addr.2021.05.025. Epub 2021 May 29. Review. PubMed PMID: 34058284. **Download from [HAL-INSERM](#)**
5. Arnaud C, Boulanger M, Lorthioir A, Amar L, Azarine A, Boyer L, Chatellier G, Di Monaco S, Jeunemaitre X, Kastler A, Mousseaux E, **Oppenheim C**, Thony F, Persu A, Olin JW, Azizi M, Touzé E. [Male Sex Is Associated With Cervical Artery Dissection in Patients With Fibromuscular Dysplasia](#). J Am Heart Assoc. 2021 Jun;10(11):e018311. doi: 10.1161/JAHA.120.018311. Epub 2021 May 17. PubMed PMID: 33998257. **OPEN ACCES**. **Download from [HAL-INSERM](#)**
6. **Baron JC**. [Nerinetide: A Potential Neuroprotectant as Adjunct to Thrombectomy for Acute Stroke](#). Can J Neurol Sci. 2021 Jan;48(1):138. doi: 10.1017/cjn.2020.183. Epub 2020 Aug 20. PMID: 32814602 No abstract available **Download from [HAL-INSERM](#)**
7. **Baron JC**. [The core/penumbra model: implications for acute stroke treatment and patient selection in 2021](#). Eur J Neurol. 2021 Aug;28(8):2794-2803. doi: 10.1111/ene.14916. Epub 2021 Jun 18. PMID: 33991152 Review.
8. **Bécot A**, **Corona ML**, **van Niel G**. [\[In vivo imaging: An essential tool to better understand the biology of extracellular vesicles\]](#). Med Sci (Paris). 2021 Dec;37(12):1108-1115. doi: 10.1051/medsci/2021210. Epub 2021 Dec 20. PubMed PMID: 34928213. **OPEN ACCES**. **Download from [HAL-INSERM](#)**
9. **Ben Hassen W**, **Touloupas C**, **Benzakoun J**, **Boulouis G**, Bretzner M, Bricout N, **Legrand L**, **Rodriguez C**, Le Berre A, **Seners P**, **Turc G**, Cordonnier C, **Oppenheim C**, Henon H, **Naggara O**. [Impact of Repeated Clot Retrieval Attempts on Infarct Growth and Outcome After Ischemic Stroke](#). Neurology. 2021 Jun 23;. doi: 10.1212/WNL.0000000000012321. [Epub ahead of print] PubMed PMID: 34162721.
10. Benaissa H, Ounoughi K, Aujard I, Fischer E, Goïame R, **Nguyen J**, Tebo AG, Li C, Le Saux T, Bertolin G, Tramier M, **Danglot L**, Pietrancosta N, Morin X, Jullien L, Gautier A. [Engineering of a fluorescent chemogenetic reporter with tunable color for advanced live-cell imaging](#). Nat Commun. 2021 Nov 30;12(1):6989. doi: 10.1038/s41467-021-27334-0. PubMed PMID: 34848727; PubMed Central PMCID: PMC8633346. **OPEN ACCES**. **Download from [HAL-INSERM](#)**
11. **Benzakoun J**, **Charron S**, **Turc G**, **Hassen WB**, **Legrand L**, **Boulouis G**, **Naggara O**, **Baron JC**, Thirion B, **Oppenheim C**. [Tissue outcome prediction in hyperacute ischemic stroke: Comparison of machine learning models](#). J Cereb Blood Flow Metab. 2021 Nov;41(11):3085-3096. doi: 10.1177/0271678X211024371. Epub 2021 Jun 23. PMID: 34159824.
12. Berendsen S, Kapitein P, Schirmbeck F, van Tricht MJ, McGuire P, Morgan C, Gayer-Anderson C, Kempton MJ, Valmaggia L, Quattrone D, di Forti M, van der Gaag M, Kirkbride JB, Jongsma HE, Jones PB, Parellada M, Arango C, Arrojo M, Bernardo M,

- Sanjuán J, Santos JL, Szöke A, Tortelli A, Llorca PM, Tarricone I, Tripoli G, Ferraro L, La Cascia C, Lasalvia A, Tosato S, Menezes PR, Del-Ben CM, Nelson B, Riecher-Rössler A, Bressan R, Barrantes-Vidal N, **Krebs MO**, Nordentoft M, Ruhrmann S, Sachs G, Rutten BPF, van Os J, Velthorst E, de Haan L. [Pre-training inter-rater reliability of clinical instruments in an international psychosis research project](#). Schizophr Res. 2021 Apr;230:104-107. doi: 10.1016/j.schres.2020.08.001. Epub 2020 Nov 24. PubMed PMID: 33243716.
13. Berge E, Whiteley W, Audebert H, Marchis GM, Fonseca AC, Padiglioni C, de la Ossa NP, Strbian D, Tsvigoulis G, **Turc G**. [European Stroke Organisation \(ESO\) guidelines on intravenous thrombolysis for acute ischaemic stroke](#). Eur Stroke J. 2021 Mar;6(1):I-LXII. doi: 10.1177/2396987321989865. Epub 2021 Feb 19. PubMed PMID: 33817340; PubMed Central PMCID: PMC7995316. **OPEN ACCES**. [Download from HAL-INSERM](#)
 14. Bergeret S, Queneau M, Rodallec M, Curis E, Dumurgier J, Hugon J, Paquet C, Farid K, **Baron JC**. [\[¹⁸F\]FDG PET may differentiate cerebral amyloid angiopathy from Alzheimer disease](#). Eur J Neurol. 2021 May;28(5):1511-1519. doi: 10.1111/ene.14743. Epub 2021 Feb 3. PMID: 33460498
 15. Bergeret S, Queneau M, Rodallec M, Landeau B, Chetelat G, Hong YT, **Dumurgier J, Hugon J, Paquet C, Farid K, Baron JC**. [Brain Glucose Metabolism in Cerebral Amyloid Angiopathy: An FDG-PET Study](#). Stroke. 2021 Apr;52(4):1478-1482. doi: 10.1161/STROKEAHA.120.032905. Epub 2021 Feb 22. PubMed PMID: 33611942. **OPEN ACCES**. [Download from HAL-INSERM](#)
 16. Bersano A, Scelzo E, Pantoni L, Morotti A, Erbetta A, Chiapparini L, Vitali P, Giaccone G, Caroppo P, Catania M, Obici L, Di Fede G, Gatti L, Tinelli F, Di Francesco JC, Piazza F, Ferrarese C, Gasparini M, Adobbati L, Bianchi-Marzoli S, Tremolada G, Sacco S, Mancuso M, Zedde ML, Godani M, Lanfranconi S, Pareyson D, Di Girolamo M, Motto C, Charidimou A, **Boulouis G**, Parati EA. [Discovering the Italian phenotype of cerebral amyloid angiopathy \(CAA\): the SENECA project](#). Neurol Sci. 2020 Aug;41(8):2193-2200. doi: 10.1007/s10072-020-04306-8. Epub 2020 Mar 12. PubMed PMID: 32166471.
 17. Bertolo A, Nouhoum M, Cazzanelli S, Ferrier J, **Mariani JC, Kliewer A**, Belliard B, Osmanski BF, Deffieux T, Pezet S, **Lenkei Z**, Tanter M. [Whole-Brain 3D Activation and Functional Connectivity Mapping in Mice using Transcranial Functional Ultrasound Imaging](#). J Vis Exp. 2021 Feb 24;(168). doi: 10.3791/62267. PubMed PMID: 33720137. **OPEN ACCES**. [Download from HAL-INSERM](#)
 18. Borne L, Rivière D, **Cachia A, Roca P, Mellerio C, Oppenheim C**, Mangin JF. [Automatic recognition of specific local cortical folding patterns](#). Neuroimage. 2021 Jun 2;238:118208. doi: 10.1016/j.neuroimage.2021.118208. [Epub ahead of print] PubMed PMID: 34089872. **OPEN ACCES**. [Download from HAL-INSERM](#)
 19. **Bouchereau E, Sharshar T**, Legouy C. [Delayed awakening in neurocritical care](#). Rev Neurol (Paris). 2021 Aug 12;. doi: 10.1016/j.neurol.2021.06.001. [Epub ahead of print] Review. PubMed PMID: 34392974.
 20. Browning M, Bilderbeck AC, Dias R, Dourish CT, Kingslake J, Deckert J, Goodwin GM, **Gorwood P**, Guo B, Harmer CJ, Morriss R, Reif A, Ruhe HG, van Schaik A, Simon J, Sola VP, Veltman DJ, Elices M, Lever AG, Menke A, Scanferla E, Stäblein M, Dawson GR. [The clinical effectiveness of using a predictive algorithm to guide antidepressant treatment in primary care \(PReDicT\): an open-label, randomised controlled trial](#). Neuropsychopharmacology. 2021 Jun;46(7):1307-1314. doi: 10.1038/s41386-021-00981-z. Epub 2021 Feb 26. PubMed PMID: 33637837. **OPEN ACCES**. [Download from HAL-INSERM](#)
 21. Cataldo A, **Dupin L**, Gomi H, Haggard P. [Sensorimotor signals underlying space perception: an investigation based on self-touch](#). Neuropsychologia. 2021 Jan 22;151:107729. doi: 10.1016/j.neuropsychologia.2020.107729. Epub 2020 Dec 17. PubMed PMID: 33346045.
 22. **Causeret F, Moreau MX, Pierani A**, Blanquie O. [The multiple facets of Cajal-Retzius neurons](#). Development. 2021 Jun 1;148(11):dev199409. doi: 10.1242/dev.199409. Epub 2021 May 28. PubMed PMID: 34047341. Review. [Download from HAL-INSERM](#)

23. Chantran Y, Capron J, Doukhi D, Felix J, Férout M, Kruse F, Chaigneau T, Dorothée G, Allou T, Ayrygnac X, Barrou Z, de Broucker T, Cret C, **Turc G**, Peres R, Wacongne A, Sarazin M, Renard D, Cordonnier C, Alamowitch S, Aucouturier P. [Letter to the editor: Serum anti-Aβ antibodies in cerebral amyloid angiopathy](#). *Autoimmun Rev*. 2021 Aug;20(8):102870. doi: 10.1016/j.autrev.2021.102870. Epub 2021 Jun 10. PMID: 34118456. [Download from HAL-INSERM](#)
24. Chen BK, **Le Pen G**, **Eckmier A**, Rubinstenn G, **Jay TM**, Denny CA. [Fluoroethylnormemantine, a novel derivative of memantine, facilitates extinction learning without sensorimotor deficits](#). *Int J Neuropsychopharmacol*. 2021 Jul 14;24(6):519-531. doi: 10.1093/ijnp/pyab007. PubMed PMID: 33631001. [OPEN ACCES](#). [Download from HAL-INSERM](#)
25. **Clarke J**, Peyre H, Alison M, Bargiacchi A, Stordeur C, Boizeau P, Mamou G, Crépon SG, Alberti C, Léger J, Delorme R. [Abnormal bone mineral density and content in girls with early-onset anorexia nervosa](#). *J Eat Disord*. 2021 Jan 10;9(1):9. doi: 10.1186/s40337-020-00365-6. Review. PubMed PMID: 33423687. [OPEN ACCES](#). [Download from HAL-INSERM](#)
26. Dabertrand F, Harraz OF, Koide M, Longden TA, Rosehart AC, Hill-Eubanks DC, **Joutel A**, Nelson MT. [PIP₂ corrects cerebral blood flow deficits in small vessel disease by rescuing capillary Kir2.1 activity](#). *Proc Natl Acad Sci U S A*. 2021 Apr 27;118(17). doi: 10.1073/pnas.2025998118. PubMed PMID: 33875602.
27. de Marcellus C, Dupic L, Roux CJ, El Aouane El Ghomari I, Parize P, Luscan R, Moulin F, **Kossorotoff M**. [Case Report: Cerebrovascular Events Associated With Bacterial and SARS-CoV-2 Infections in an Adolescent](#). *Front Neurol*. 2021 Apr 8;12:606617. doi: 10.3389/fneur.2021.606617. eCollection 2021. PubMed PMID: 33897582. [OPEN ACCES](#). [Download from HAL-INSERM](#)
28. Demyttenaere K, Kiekens G, Bruffaerts R, Mortier P, **Gorwood P**, Martin L, Di Giannantonio M. [Outcome in depression \(I\): why symptomatic remission is not good enough](#). *CNS Spectr*. 2021 Aug;26(4):393-399. doi: 10.1017/S1092852920001418. Epub 2020 May 19. PubMed PMID: 32423510.
29. Demyttenaere K, Kiekens G, Bruffaerts R, Mortier P, **Gorwood P**, Martin L, Di Giannantonio M. [Outcome in depression \(II\): beyond the Hamilton Depression Rating Scale](#). *CNS Spectr*. 2021 Aug;26(4):378-382. doi: 10.1017/S109285292000142X. Epub 2020 May 19. PubMed PMID: 32423491.
30. Di Lodovico L, Duquesnoy M, Dicembre M, Ringuenet D, Godart N, **Gorwood P**, Melchior JC, Hanachi M. [What distinguish patients with compulsory treatment for severely undernourished anorexia nervosa](#). *Eur Eat Disord Rev*. 2021 Jan;29(1):144-151. doi: 10.1002/erv.2790. Epub 2020 Aug 31. PMID: 32865866.
31. Di Lodovico L, Hatteea H, Couton C, **Duriez P**, Treasure J, **Gorwood P**. [Physical exercise-related endophenotypes in anorexia nervosa](#). *Int J Eat Disord*. 2021 Mar 12;. doi: 10.1002/eat.23503. Online ahead of print PubMed PMID: 33710637. [Download from HAL-INSERM](#)
32. Di Lodovico L, Mondot S, Doré J, Mack I, Hanachi M, **Gorwood P**. [Anorexia nervosa and gut microbiota: A systematic review and quantitative synthesis of pooled microbiological data](#). *Prog Neuropsychopharmacol Biol Psychiatry*. 2021 Mar 2;106:110114. doi: 10.1016/j.pnpbp.2020.110114. Epub 2020 Sep 22. PMID: 32971217
33. Dickens AM, Sen P, Kempton MJ, Barrantes-Vidal N, Iyegbe C, Nordentoft M, Pollak T, Riecher-Rössler A, Ruhrmann S, Sachs G, Bressan R, **Krebs MO**, Amminger GP, de Haan L, van der Gaag M, Valmaggia L, Hyötyläinen T, Orešič M, McGuire P. [Dysregulated Lipid Metabolism Precedes Onset of Psychosis](#). *Biol Psychiatry*. 2021 Feb 1;89(3):288-297. doi: 10.1016/j.biopsych.2020.07.012. Epub 2020 Jul 25. PMID: 32928501. [OPEN ACCES](#). [Download from HAL-INSERM](#)
34. Dobre D, Schwan R, Jansen C, Schwitzer T, Martin O, Ligier F, Rolland B, Abdel-Ahad P, Capdevielle D, Corruble E, Delamilleure P, Dollfus S, Drapier D, Bennabi D, Joubert F, Lecoeur W, Massoubre C, Pelissolo A, Roser M, Schmitt C, Teboul N, **Vansteene C**, Yekhlief W, Yrondi A, Haoui R, Gaillard R, Leboyer M, Thomas P, **Gorwood P**, Laprevote

- V. [Clinical features and outcomes of COVID-19 patients hospitalized for psychiatric disorders: a French multi-centered prospective observational study](#). Psychol Med. 2021 Apr 27;:1-29. doi: 10.1017/S0033291721001537. [Epub ahead of print] PubMed PMID: 33902760. **OPEN ACCES**. [Download from HAL-INSERM](#)
35. Docteur A, **Gorwood P**, Mirabel-Sarron C, Kaya Lefèvre H, Sala L, **Duriez P**. [Mindfulness-based cognitive therapy efficacy in reducing physiological response to emotional stimuli in patients with bipolar I disorder and the intermediate role of cognitive reactivity](#). J Clin Psychol. 2021 Nov;77(11):2442-2454. doi: 10.1002/jclp.23243. Epub 2021 Sep 13. PMID: 34517435. **OPEN ACCES**. [Download from HAL-INSERM](#)
36. Dominguez I, **Cruz-Gamero JM**, Corasolla V, **Dacher N**, Rangasamy S, Urbani A, Narayanan V, **Rebholz H**. [Okur-Chung neurodevelopmental syndrome-linked CK2α variants have reduced kinase activity](#). Hum Genet. 2021 May 4;: doi: 10.1007/s00439-021-02280-5. [Epub ahead of print] PubMed PMID: 33944995.
37. **Duriez P**, Guy-Rubin A, Kaya Lefèvre H, **Gorwood P**. [Morphing analysis of facial emotion recognition in anorexia nervosa: association with physical activity](#). Eat Weight Disord. 2021 Jul 2;: doi: 10.1007/s40519-021-01254-w. [Epub ahead of print] PubMed PMID: 34213746.
38. **Duriez P**, Kaya Lefèvre H, **Di Lodovico L**, **Viltart O**, **Gorwood P**. [Increased cognitive flexibility mediates the improvement of eating disorders symptoms, depressive symptoms and level of daily life functioning in patients with anorexia nervosa treated in specialised centres](#). Eur Eat Disord Rev. 2021 Jul;29(4):600-610. doi: 10.1002/erv.2829. Epub 2021 Apr 14. PMID: 33851482. [Download from HAL-INSERM](#)
39. Fernández-Aranda F, Treasure J, Paslakis G, Agüera Z, Giménez M, Granero R, Sánchez I, Serrano-Troncoso E, **Gorwood P**, Herpertz-Dahlmann B, Bonin EM, Monteleone P, Jiménez-Murcia S. [The impact of duration of illness on treatment nonresponse and drop-out: Exploring the relevance of enduring eating disorder concept](#). Eur Eat Disord Rev. 2021 May;29(3):499-513. doi: 10.1002/erv.2822. Epub 2021 Feb 18. PMID: 33599348.
40. Figueiredo T, Mendes APD, Moreira DP, Goulart E, Oliveira D, Kobayashi GS, Stern S, Kok F, Marchetto MC, **Santos R***, Gage FH*, Zatz M*. [Inositol monophosphatase 1 \(IMPA1\) mutation in intellectual disability patients impairs neurogenesis but not gliogenesis](#). Mol Psychiatry. 2021 Jul;26(7):3558-3571. doi: 10.1038/s41380-020-00862-9. Epub 2020 Aug 24. PubMed PMID: 32839513. *These authors contributed equally. [Download from HAL-INSERM](#) https://www.nature.com/articles/s41380-020-00862-9.epdf?sharing_token=Q8lpW6t0GDhdqUxyF-khStRgN0jAjWeI9jnR3ZoTv0M89EaNKtLbCT8dDnFnig3ee2iYQ6nYWPa6n88smnSw12yONRyIDX1WfFVmbZrSjQ0z3LAsO_tAqFDvr0-cScw01bcHBLJX450ZHYS2GxIUbMA0MExE_18kYsp6dc_FTO4%3D
41. Forestier G, de Beaurepaire I, Bornet G, **Boulouis G**. [Cytotoxic lesion of the corpus callosum as presenting neuroradiological manifestation of COVID-2019 infection](#). J Neurol. 2021 May;268(5):1595-1597. doi: 10.1007/s00415-020-10166-1. Epub 2020 Aug 18. PubMed PMID: 32809155; PubMed Central PMCID: PMC7433278. **OPEN ARCHIVE**.
42. **Frajerman A**, Scoriels L, **Kebir O**, **Chaumette B**. [Shared Biological Pathways between Antipsychotics and Omega-3 Fatty Acids: A Key Feature for Schizophrenia Preventive Treatment?](#) Int. J. Mol. Sci. 2021 Jun 26;22(13):6881. doi: 10.3390/ijms22136881. Review. **OPEN ACCES**. [Download from HAL-INSERM](#)
43. Galderisi S, De Hert M, Del Prato S, Fagiolini A, **Gorwood P**, Leucht S, Maggioni AP, Mucci A, Arango C. [Identification and management of cardiometabolic risk in subjects with schizophrenia spectrum disorders: A Delphi expert consensus study](#). Eur Psychiatry. 2021 Jan 8;64(1):e7. doi: 10.1192/j.eurpsy.2020.115. PMID: 33413701. **OPEN ACCES**. [Download from HAL-INSERM](#)
44. Geoffroy PA, Oquendo MA, Courtet P, Blanco C, Olfson M, Peyre H, Lejoyeux M, **Limosin F**, **Hoertel N**. [Sleep complaints are associated with increased suicide risk independently of psychiatric disorders: results from a national 3-year prospective study](#).

- Mol Psychiatry. 2021 Jun;26(6):2126-2136. doi: 10.1038/s41380-020-0735-3. Epub 2020 Apr 30. PubMed PMID: 32355334.
45. Gerschenfeld G, Smadja D, **Turc G**, Olindo S, Laborne FX, Yger M, Caroff J, **Gonçalves B**, **Seners P**, Cantier M, L'Hermitte Y, Aghasaryan M, Alecu C, Marnat G, **Ben Hassen W**, Kalsoum E, Clarençon F, Piotin M, Spelle L, Denier C, Sibon I, Alamowitch S, Chausson N. [Functional Outcome, Recanalization, and Hemorrhage Rates After Large Vessel Occlusion Stroke Treated With Tenecteplase Before Thrombectomy.](#) Neurology. 2021 Nov 30;97(22):e2173-e2184. doi: 10.1212/WNL.0000000000012915. Epub 2021 Oct 11. PubMed PMID: 34635558. [Download from HAL-INSERM](#)
 46. Gocko X, Tattevin P, **Lemogne C**. [Genesis and dissemination of a controversial disease: chronic Lyme.](#) Infect Dis Now. 2021 Feb;51(1):86-89. doi: 10.1016/j.medmal.2020.09.026. Epub 2020 Oct 10. PMID: 33045319 [OPEN ACCES](#). [Download from HAL-INSERM](#)
 47. Godin O, Gaube G, Olié E, Belzeaux R, Bellivier F, Loftus J, Courtet P, **Dubertret C**, Llorca PM, Gard S, Henry C, Schwan R, Passerieux C, Polosan M, Samalin L, Leboyer M, Etain B. [Childhood maltreatment and metabolic syndrome in bipolar disorders: In search of moderators.](#) Psychoneuroendocrinology. 2021 Sep;131:105327. doi: 10.1016/j.psyneuen.2021.105327. Epub 2021 Jun 15. PMID: 34182249.
 48. Godin O, Leboyer M, Belzeaux R, Bellivier F, Loftus J, Courtet P, **Dubertret C**, Gard S, Henry C, Llorca PM, Schwan R, Passerieux C, Polosan M, Samalin L, Olié E, Etain B. [Non-Alcoholic Fatty Liver Disease in a sample of individuals with Bipolar Disorders: Results From the FACE-BD Cohort.](#) Acta Psychiatr Scand. 2021 Jan;143(1):82-91. doi: 10.1111/acps.13239. Epub 2020 Nov 24. PubMed PMID: 33011976. [Download from HAL-INSERM](#)
 49. **Gorwood P**, Benichou J, Moore N, Álvarez Martínez E, Mertens J, Aguglia E, Figueira ML, Falkai P, Olivier V, Watez M, Picarel-Blanchot F, de Bodinat C. [The safety of agomelatine in standard medical practice in depressed patients: A 26-week international multicentre cohort study.](#) Hum Psychopharmacol. 2021 Jan;36(1):1-11. doi: 10.1002/hup.2759. Epub 2020 Sep 25. PMID: 32976677. [OPEN ACCES](#). [Download from HAL-INSERM](#)
 50. **Gorwood P**, Fiorillo A. [One year after the COVID-19: what have we learnt, what shall we do next?.](#) Eur Psychiatry. 2021 Feb 15; 1-5. doi: 10.1192/j.eurpsy.2021.9. [Epub ahead of print] PubMed PMID: 33583453. [OPEN ACCES](#). [Download from HAL-INSERM](#)
 51. Grall-Bronnec M, Guillou-Landreat M, Caillon J, **Dubertret C**, **Romo L**, Codina I, Chereau-Boudet I, Lancon C, Auriacombe M, Hardouin JB, Challet-Bouju G. [Five-year follow-up on a sample of gamblers: predictive factors of relapse.](#) J Behav Addict. 2021 Apr 1;10(1):42-54. doi: 10.1556/2006.2021.00009. PubMed PMID: 33793415. [OPEN ACCES](#). [Download from HAL-INSERM](#)
 52. **Habermacher C**, **Manot-Saillet B**, **Ortolani D**, Ortiz FC, **Angulo MC**. [Optogenetics to Interrogate Neuron-Glia Interactions in Pups and Adults.](#) Methods Mol Biol. 2021;2191:135-149. doi: 10.1007/978-1-0716-0830-2_9. PubMed PMID: 32865743.
 53. **He Q**, **Jantac Mam-Lam-Fook C**, Chaignaud J, **Danset-Alexandre C**, **Iftimovici A**, Gradels Hauguel J, Houle G, Liao C, Dion PA, Rouleau GA, **Kebir O**, **Krebs MO**, **Chaumette B**. [Influence of polygenic risk scores for schizophrenia and resilience on the cognition of individuals at-risk for psychosis.](#) Transl Psychiatry. 2021 Oct 9;11(1):518. doi: 10.1038/s41398-021-01624-z. PubMed PMID: 34628483. [OPEN ACCES](#). [Download from HAL-INSERM](#)
 54. **Heo P**, Coleman J, Fleury JB, Rothman JE, Pincet F. [Nascent fusion pore opening monitored at single-SNAREpin resolution.](#) Proc Natl Acad Sci U S A. 2021 Feb 2;118(5) : e2024922118. doi: 10.1073/pnas.2024922118. PubMed PMID: 33495324. [OPEN ARCHIVE](#). [Download from HAL-INSERM](#)
 55. **Hewlett B**, **Pratap Singh N**, **Vannier C**, **Galli T**. [ER-PM Contact Sites – SNARING Actors in Emerging Functions.](#) Front. Cell Dev. Biol. 2021. Feb 11;9:635518. doi: 10.3389/fcell.2021.635518. eCollection 2021. [OPEN ACCES](#). [Download from HAL-INSERM](#) Review Article

56. **Hoertel N**, Blachier M, Sánchez-Rico M, **Limosin F**, Leleu H. [Impact of the timing and adherence to face mask use on the course of the COVID-19 epidemic in France.](#) J Travel Med. 2021 Feb 23;28(2). doi: 10.1093/jtm/taab016. PubMed PMID: 33506243; PubMed Central PMCID: PMC7928721. **OPEN ARCHIVE. Download from HAL-INSERM**
57. **Hoertel N**, Rotenberg L, Blanco C, Camus V, **Dubertret C**, Charlot V, Schürhoff F, Vandel P, **Limosin F**. [A comprehensive model of predictors of quality of life in older adults with schizophrenia: results from the CSA study.](#) Soc Psychiatry Psychiatr Epidemiol. 2021 Aug;56(8):1411-1425. doi: 10.1007/s00127-020-01880-2. Epub 2020 May 15. PMID: 32415431. **Download from HAL-INSERM**
58. **Hoertel N**, **Sánchez-Rico M**, Gulbins E, Kornhuber J, Carpinteiro A, Lenze EJ, Reiersen AM, **Abellán M**, **De La Muela P**, Vernet R, Blanco C, Cougoule C, Beeker N, Neuraz A, **Gorwood P**, Alvarado JM, Meneton P, **Limosin F**. [Association between FIASMA and Reduced Risk of Intubation or Death in Individuals Hospitalized for Severe COVID-19: an observational multicenter study.](#) Clin Pharmacol Ther. 2021 Dec;110(6):1498-1511. doi: 10.1002/cpt.2317. Epub 2021 Jul 2. PubMed PMID: 34050932. **OPEN ACCES. Download from HAL-INSERM**
59. Hybbinette H, Schalling E, Plantin J, Nygren-Deboussard C, Schütz M, Östberg P, **Lindberg PG**. [Recovery of Apraxia of Speech and Aphasia in Patients With Hand Motor Impairment After Stroke.](#) Front Neurol. 2021 Mar 31;12:634065. doi: 10.3389/fneur.2021.634065. eCollection 2021. PubMed PMID: 33868144; PubMed Central PMCID: PMC8044583. **OPEN ACCES. Download from HAL-INSERM**
60. Icick R, Gard S, M'Bailara K, Biseul I, Samalin L, Brousse G, Flaudias V, Llorca PM, Loftus J, Cussac I, Aubin V, Schwan R, Roux P, Polosan M, Courtet P, Olié E, Henry C, **Mazer N**, Haffen E, Etain B, Leboyer M, Bellivier F, Belzeaux R, Godin O, Guillaume S. [The course of bipolar disorder as a function of the presence and sequence of onset of comorbid alcohol use disorders in outpatients attending the Fundamental Advanced Centres of Expertise.](#) J Affect Disord. 2021 May 15;287:196-203. doi: 10.1016/j.jad.2021.03.041. Epub 2021 Mar 19. PubMed PMID: 33799038. **Download from HAL-INSERM**
61. Katsanos A, **Turc G**, Psychogios M, Kaesmacher J, Palaiodimou L, Stefanou MI, Magoufis G, Shoamanesh A, Themistocleous M, Sacco S, Fiehler J, Gralla J, Strbian D, Alexandrov AV, Fischer U, Tsvigoulis G. [Utility of Intravenous Alteplase Prior to Endovascular Stroke Treatment: A Systematic Review and Meta-analysis of RCTs.](#) Neurology. 2021 Aug 24;97(8):e777-e784. doi: 10.1212/WNL.0000000000012390. Epub 2021 Jun 18. PMID: 34144996
62. Katsanos AH, Palaiodimou L, Zand R, Yaghi S, Kamel H, Navi BB, **Turc G**, Romoli M, Sharma VK, Mavridis D, Shahjouei S, Catanese L, Shoamanesh A, Vadikolias K, Tsioufis K, Lagiou P, Alexandrov AV, Tsiodras S, Tsvigoulis G. [The Impact of SARS-CoV-2 on Stroke Epidemiology and Care: A Meta-Analysis.](#) Ann Neurol. 2021 Feb;89(2):380-388. doi: 10.1002/ana.25967. Epub 2020 Dec 9. PubMed PMID: 33219563; PubMed Central PMCID: PMC7753413. **OPEN ACCES. Download from HAL-INSERM**
63. Katsanos AH, Palaiodimou L, Zand R, Yaghi S, Kamel H, Navi BB, **Turc G**, Benetou V, Sharma VK, Mavridis D, Shahjouei S, Catanese L, Shoamanesh A, Vadikolias K, Tsioufis K, Lagiou P, Sfrikakis PP, Alexandrov AV, Tsiodras S, Tsvigoulis G. [Changes in Stroke Hospital Care During the COVID-19 Pandemic: A Systematic Review and Meta-Analysis.](#) Stroke. 2021 Nov;52(11):3651-3660. doi: 10.1161/STROKEAHA.121.034601. Epub 2021 Aug 4. PubMed PMID: 34344166. **OPEN ACCES. Download from HAL-INSERM**
64. Katsanos AH, Safouris A, Nikolakopoulos S, Mavridis D, Goyal N, Psychogios MN, Magoufis G, Krogias C, Catanese L, Van Adel B, Raphaeli G, Sarraj A, Themistocleous M, Kararizou E, **Turc G**, Arthur A, Alexandrov AV, Tsvigoulis G. [Endovascular Treatment for Basilar Artery Occlusion: A Systematic Review and Meta-analysis.](#) Eur J Neurol. 2021 Jun;28(6):2106-2110. doi: 10.1111/ene.14751. Epub 2021 Feb 12. PMID: 33482047.
65. **Kerleroux B**, **Benzakoun J**, Janot K, Dargazanli C, Eraya DD, **Ben Hassen W**, Zhu F, Gory B, Jean-Francois H, Perot C, Detraz L, Bourcier R, Aymeric R, Forestier G, Marnat G, Gariel F, Mordasini P, Seners P, **Turc G**, Kaesmacher J, **Oppenheim C**, **Naggara O**,

- Boulouis G. [Relevance of Brain Regions' Eloquence Assessment in Patients With a Large Ischemic Core Treated With Mechanical Thrombectomy](#). *Neurology*. 2021 Nov 16;97(20):e1975-e1985. doi: 10.1212/WNL.0000000000012863. Epub 2021 Oct 14. PMID: 34649871. [Download from HAL-INSERM](#)
66. **Kerleroux B**, Boulouis G. [Core penumbral mismatch: an independent predictor of stroke poorer outcome](#). *Ann Neurol*. 2021 Nov;90(5):855. doi: 10.1002/ana.26229. Epub 2021 Oct 2. PubMed PMID: 34562040.
67. Khayachi A, Ase A, Liao C, Kamesh A, Kuhlmann N, Schorova L, **Chaumette B**, Dion P, Alda M, Séguéla P, Rouleau G, Milnerwood A. [Chronic lithium treatment alters the excitatory/ inhibitory balance of synaptic networks and reduces mGluR5-PKC signalling in mouse cortical neurons](#). *J Psychiatry Neurosci*. 2021 Jun 2;46(3):E402-E414. doi: 10.1503/jpn.200185. PubMed PMID: 34077150. [OPEN ACCES](#). [Download from HAL-INSERM](#)
68. Kokkinidis DG, Katsanos AH, Giannakoulas G, Singh HS, **Turc G**, Thijs V. [Editorial: Patent Foramen Ovale \(PFO\) Closure for Prevention of Stroke](#). *Front Neurol*. 2021;12:718457. doi: 10.3389/fneur.2021.718457. eCollection 2021. PubMed PMID: 34262528; PubMed Central PMCID: PMC8273288. [OPEN ACCES](#). [Download from HAL-INSERM](#)
69. **Krebs MO**, **Ariel F**. [\[Epidemiology of schizophrenia\]](#). *Rev Prat*. 2021 Jan;71(1):42-44. PubMed PMID: 34160936.
70. **Lamy S**, Houivet E, Benichou J, Marret S, **Thibaut F**. [Caffeine use during pregnancy: prevalence of use and newborn consequences in a cohort of French pregnant women](#). *Eur Arch Psychiatry Clin Neurosci*. 2021 Aug;271(5):941-950. doi: 10.1007/s00406-020-01105-2. Epub 2020 Feb 21. PubMed PMID: 32086556.
71. Lebeaux D, Jablon E, Flahault C, Lanternier F, Viard JP, Pacé B, Mainardi JL, **Lemogne C**. [Introducing an Open-Source Course Management System \(Moodle\) for Blended learning on infectious diseases and microbiology: A pre-post observational study](#). *Infect Dis Now*. 2021 Aug;51(5):477-483. doi: 10.1016/j.idnow.2020.11.002. Epub 2020 Dec 31. PubMed PMID: 34366084. [OPEN ACCES](#). [Download from HAL-INSERM](#)
72. **Lebrun N**, Delépine C, Selloum M, Meziane H, Nectoux J, Herault Y, **Bienvvenu T**. [HDAC inhibitor ameliorates behavioral deficits in Mecp2308/y mouse model of Rett syndrome](#). *Brain Res*. 2021 Dec 1;1772:147670. doi: 10.1016/j.brainres.2021.147670. Epub 2021 Sep 25. PMID: 34582789
73. **Legrand A**, **Iftimovici A**, Khayachi A, **Chaumette B**. [Epigenetics in bipolar disorder: a critical review of the literature](#). *Psychiatr Genet*. 2021 Feb 1;31(1):1-12. doi: 10.1097/YPG.0000000000000267. PubMed PMID: 33290382. Review.
74. Leistedt S, **Thibaut F**. [\[The concept of paedophilia. Part 1 : Historical background and nosology\]](#). *Rev Med Liege*. 2021 Mar;76(3):195-201. PubMed PMID: 33682389. Review. French.
75. Leistedt S, **Thibaut F**. [\[The concept of paedophilia. Part 2: Etiologies, forensic aspects and therapeutic options\]](#). *Rev Med Liege*. 2021 Apr;76(4):268-272. PubMed PMID: 33830691.
76. **Leite SC**, Pinto-Costa R, Sousa MM. [Actin dynamics in the growth cone: a key player in axon regeneration](#). *Curr Opin Neurobiol*. 2021 Aug;69:11-18. doi: 10.1016/j.conb.2020.11.015. Epub 2020 Dec 25. PMID: 33359956 Review.
77. Lejuste F, Pedron L, **Bonnard E**, Urban M, **Morvan Y**, Urben S, Gaillard R, Conus P, **Krebs MO**. [\[Validation of a French version of the 16-item Prodromal Questionnaire \(fPQ16\) in adolescents and young adults seeking help\]](#). *Encephale*. 2021 Dec;47(6):547-553. doi: 10.1016/j.encep.2020.11.009. Epub 2021 Apr 15. PMID: 33867141 French.
78. **Maas DA**, **Angulo MC**. [Can Enhancing Neuronal Activity Improve Myelin Repair in Multiple Sclerosis?](#) *Front. Cell. Neurosci*. 2021 Feb 23;15:645240. doi: 10.3389/fncel.2021.645240. eCollection 2021. PMID: 33708075. Review. [OPEN ACCES](#). [Download from HAL-INSERM](#)
79. Malave, L., Zuelke, D.R., Uribe-Cano, S. Starikov L, **Rebholz H**, Friedman E, Qin Li CQ, Bezard E, Kottmann, AH. [Dopaminergic co-transmission with sonic hedgehog inhibits](#)

- [abnormal involuntary movements in models of Parkinson's disease and L-Dopa induced dyskinesia](#). Commun Biol. 2021 4, 1071. <https://doi.org/10.1038/s42003-021-02567-3>. **OPEN ACCES**. [Download from HAL-INSERM](#)
80. **Mallet J, Dubertret C, Le Strat Y**. [Addictions in the COVID-19 era: Current evidence, future perspectives a comprehensive review](#). Prog Neuropsychopharmacol Biol Psychiatry. 2021 Mar 2;106:110070. doi: 10.1016/j.pnpbp.2020.110070. Epub 2020 Aug 12. Review. PubMed PMID: 32800868; PubMed Central PMCID: PMC7420609.
81. Marion C, Zizzari P, Denis RG, Hassouna R, **Chebani Y**, Leste-Lasserre T, Doat H, **Le Pen G**, Cota D, Noble F, Luquet S, Pantel J. [The GhnrQ343X allele favors the storage of fat by acting on nutrient partitioning](#). J Endocrinol. 2021 Sep 1;. doi: 10.1530/JOE-20-0576. [Epub ahead of print] PubMed PMID: 34582357.
82. Matet A, Fournel L, Gaillard F, Amar L, Arlet JB, Baron S, Bats AS, Buffel du Vaure C, Charlier C, De Lastours V, Faye A, Jablon E, Kadlub N, Leguen J, Lebeaux D, Malmartel A, Mirault T, Planquette B, Régent A, Thebault JL, Dinh AT, Nuzzo A, **Turc G**, Friedlander G, **Ruszniewski P**, Badoual C, Ranque B, Oualha M, Courbebaisse M. [Impact of integrating objective structured clinical examination into academic student assessment: Large-scale experience in a French medical school](#). PLoS One. 2021;16(1):e0245439. doi: 10.1371/journal.pone.0245439. eCollection 2021. PubMed PMID: 33444375. **OPEN ACCES**. [Download from HAL-INSERM](#)
83. Mathieu M, Névo N, Jouve M, Valenzuela JI, Maurin M, **Verweij FJ**, Palmulli R, Lankar D, Dingli F, Loew D, Rubinstein E, Boncompain G, Perez F, Théry C. [Specificities of exosome versus small ectosome secretion revealed by live intracellular tracking of CD63 and CD9](#). Nat Commun. 2021 Jul 19;12(1):4389. doi: 10.1038/s41467-021-24384-2. PubMed PMID: 34282141; PubMed Central PMCID: PMC8289845. **OPEN ACCES**. [Download from HAL-INSERM](#)
84. **Maussion G**, Thomas RA, Demirova I, Gu G, Cai E, Chen CX, Abdian N, Strauss TJP, **Kelai S**, Nauleau-Javaudin A, Beitel LK, **Ramoz N**, **Gorwood P**, Durcan TM. [Auto-qPCR: a python-based web app for automated and reproducible analysis of qPCR data](#). Sci Rep. 2021 Oct 29;11(1):21293. doi: 10.1038/s41598-021-99727-6. PubMed PMID: 34716395; PubMed Central PMCID: PMC8556264. **OPEN ACCES**. [Download from HAL-INSERM](#)
85. McAllister-Williams RH, Arango C, Blier P, Demyttenaere K, Falkai P, **Gorwood P**, Hopwood M, Javed A, Kasper S, Malhi GS, Soares JC, Vieta E, Young AH, Papadopoulos A, Rush AJ. [Reconceptualising treatment-resistant depression as difficult-to-treat depression](#). Lancet Psychiatry. 2021 Jan;8(1):14-15. doi: 10.1016/S2215-0366(20)30516-2. PubMed PMID: 33341160. [Download from HAL-INSERM](#)
86. McIntyre RS, Rosenblat JD, Nemeroff CB, Sanacora G, Murrough JW, Berk M, Brietzke E, Dodd S, **Gorwood P**, Ho R, Iosifescu DV, Lopez Jaramillo C, Kasper S, Kratiuk K, Lee JG, Lee Y, Lui LMW, Mansur RB, Papakostas GI, Subramaniapillai M, Thase M, Vieta E, Young AH, Zarate CA Jr, Stahl S. [Synthesizing the Evidence for Ketamine and Esketamine in Treatment-Resistant Depression: An International Expert Opinion on the Available Evidence and Implementation](#). Am J Psychiatry. 2021 May 1;178(5):383-399. doi: 10.1176/appi.ajp.2020.20081251. Epub 2021 Mar 17. PMID: 33726522 Review.
87. Mongan D, Föcking M, Healy C, Susai SR, Heurich M, Wynne K, Nelson B, McGorry PD, Amminger GP, Nordentoft M, **Krebs MO**, Riecher-Rössler A, Bressan RA, Barrantes-Vidal N, Borgwardt S, Ruhrmann S, Sachs G, Pantelis C, van der Gaag M, de Haan L, Valmaggia L, Pollak TA, Kempton MJ, Rutten BPF, Whelan R, Cannon M, Zammit S, Cagney G, Cotter DR, McGuire P. [Development of Proteomic Prediction Models for Transition to Psychotic Disorder in the Clinical High-Risk State and Psychotic Experiences in Adolescence](#). JAMA Psychiatry. 2021 Jan 1;78(1):77-90. doi: 10.1001/jamapsychiatry.2020.2459. PubMed PMID: 32857162. **OPEN ACCES**. [Download from HAL-INSERM](#)
88. **Moreau MX**, **Saillour Y**, **Cwetsch AW**, **Pierani A**, **Causeret F**. [Single-cell transcriptomics of the early developing mouse cerebral cortex disentangles the spatial and temporal components of neuronal fate acquisition](#). Development. 2021 Jul

- 15;148(14):dev197962. doi: 10.1242/dev.197962. Epub 2021 Jul 16. PMID: 34308984.
[Download from HAL-INSERM](#)
89. Morvan Y, **Frajerman A**. [\[Student's mental health: better measurement and consideration of the challenges\]](#). *Encephale*. 2021 Dec;47(6):620-629. doi: 10.1016/j.encep.2020.10.009. Epub 2021 Mar 19. PubMed PMID: 33745696; PubMed Central PMCID: PMC7972866.
90. Munn-Chernoff et al. [Shared genetic risk between eating disorder- and substance-use-related phenotypes: Evidence from genome-wide association studies](#). *Addict Biol*. 2021 Jan;26(1):e12880. doi: 10.1111/adb.12880. Epub 2020 Feb 16. PMID: 32064741
(Gorwood P, Ramoz N)
91. Nobile B, Dubois J, Aouizerate B, Aubin V, Loftus J, Bellivier F, Belzeaux R, **Dubertret C**, Gard S, Haffen E, Schwan R, Llorca PM, Passerieux C, Roux P, Polosan M, Etain B, Leboyer M, Courtet P, Olié E. [Characterization of depressed bipolar patients with current suicidal ideation](#). *Aust N Z J Psychiatry*. 2021 Mar;55(3):289-304. doi: 10.1177/0004867420963744. Epub 2020 Oct 10. PubMed PMID: 33043675. [Download from HAL-INSERM](#)
92. Ong HL, Isvoranu AM, Schirmbeck F, McGuire P, Valmaggia L, Kempton MJ, van der Gaag M, Riecher-Rössler A, Bressan RA, Barrantes-Vidal N, Nelson B, Amminger GP, McGorry P, Pantelis C, **Krebs MO**, Nordentoft M, Glenthøj B, Ruhrmann S, Sachs G, Rutten BPF, van Os J, de Haan L, Borsboom D. [Obsessive-Compulsive Symptoms and Other Symptoms of the At-risk Mental State for Psychosis: A Network Perspective](#). *Schizophr Bull*. 2021 Jul 8;47(4):1018-1028. doi: 10.1093/schbul/sbaa187. PMID: 33595089. [OPEN ACCES](#). [Download from HAL-INSERM](#)
93. Pace M, Heckendorn M, Aouizerate B, Hanon C, Seigneurie AS, Lavaud P, Hozer F, Pascal De Raykeer R, Guerin-Langlois C, Cormier L, Poncelin De Raucourt H, **Limosin F, Hoertel N**. [Management of panic disorder in the elderly](#). *Geriatr Psychol Neuropsychiatr Vieil*. 2020 Sep 1;18(3):295-304. doi: 10.1684/pnv.2020.0878. PubMed PMID: 32759090.
94. **Pallud J, Roux A, Trancart B**, Peeters S, **Moiraghi A, Edjlali M, Oppenheim C, Varlet P**, Chrétien F, Dhermain F, **Zanella M, Dezamis E**. [Surgery of Insular Diffuse Gliomas-Part 2: Probabilistic Cortico-Subcortical Atlas of Critical Eloquent Brain Structures and Probabilistic Resection Map During Transcortical Awake Resection](#). *Neurosurgery*. 2021 Sep 15;89(4):579-590. doi: 10.1093/neuros/nyab255. PMID: 34383936.
95. Pallud J, Zanella M, Moiraghi A, Peeters S, Trancart B, **Edjlali M, Oppenheim C, Varlet P**, Chrétien F, Dhermain F, **Roux A, Dezamis E**. [Surgery of Insular Diffuse Gliomas-Part 1: Transcortical Awake Resection Is Safe and Independently Improves Overall Survival](#). *Neurosurgery*. 2021 Sep 15;89(4):565-578. doi: 10.1093/neuros/nyab254. PMID: 34383938.
96. Palmcrantz S, Wall A, Vreede KS, **Lindberg P**, Danielsson A, Sunnerhagen KS, Häger CK, Borg J. [Impact of Intensive Gait Training With and Without Electromechanical Assistance in the Chronic Phase After Stroke-A Multi-Arm Randomized Controlled Trial With a 6 and 12 Months Follow Up](#). *Front Neurosci*. 2021;15:660726. doi: 10.3389/fnins.2021.660726. eCollection 2021. PubMed PMID: 33967683; PubMed Central PMCID: PMC8100236. [OPEN ACCES](#). [Download from HAL-INSERM](#)
97. Pennati GV, Bergling H, **Carment L**, Borg J, **Lindberg PG**, Palmcrantz S. [Effects of 60 Min Electrostimulation With the EXOPULSE Mollii Suit on Objective Signs of Spasticity](#). *Front Neurol*. 2021;12:706610. doi: 10.3389/fneur.2021.706610. eCollection 2021. PubMed PMID: 34721255; PubMed Central PMCID: PMC8554021. [OPEN ACCES](#). [Download from HAL-INSERM](#)
98. Plantin J, **Verneau M**, Godbolt AK, Pennati GV, Laurencikas E, Johansson B, Krumlinde-Sundholm L, **Baron JC**, Borg J, **Lindberg PG**. [Recovery and Prediction of Bimanual Hand Use After Stroke](#). *Neurology*. 2021 Aug 17;97(7):e706-e719. doi: 10.1212/WNL.0000000000012366. Epub 2021 Jun 14. PMID: 34400568. [OPEN ACCES](#). [Download from HAL-INSERM](#)

99. Pollak TA, Kempton MJ, Iyegbe C, Vincent A, Irani SR, Coutinho E, Menassa DA, Jacobson L, de Haan L, Ruhrmann S, Sachs G, Riecher-Rössler A, **Krebs MO**, Amminger P, Glenthøj B, Barrantes-Vidal N, van Os J, Rutten BPF, Bressan RA, van der Gaag M, Yolken R, Hotopf M, Valmaggia L, Stone J, David AS, McGuire P. [Clinical, cognitive and neuroanatomical associations of serum NMDAR autoantibodies in people at clinical high risk for psychosis.](#) *Mol Psychiatry*. 2021 Jun;26(6):2590-2604. doi: 10.1038/s41380-020-00899-w. Epub 2020 Oct 19. PubMed PMID: 33077853. **OPEN ACCES.** [Download from HAL-INSERM](#)
100. Prats C, Fatjó-Vilas M, Penzol MJ, **Kebir O**, Pina-Camacho L, Demontis D, Crespo-Facorro B, Peralta V, González-Pinto A, Pomarol-Clotet E, Papiol S, Parellada M, **Krebs MO**, Fañanás L. [Association and epistatic analysis of white matter related genes across the continuum schizophrenia and autism spectrum disorders: The joint effect of NRG1-ErbB genes.](#) *World J Biol Psychiatry*. 2021 Aug 2;:1-11. doi: 10.1080/15622975.2021.1939155. [Epub ahead of print] PubMed PMID: 34338147.
101. **Pruvost-Robieux E, Benzakoun J, Turc G, Marchi A**, Mancusi RL, Lamy C, Domigo V, **Oppenheim C, Calvet D, Baron JC, Mas JL, Gavaret M.** [Cathodal Transcranial Direct Current Stimulation in Acute Ischemic Stroke: Pilot Randomized Controlled Trial.](#) *Stroke*. 2021 Jun;52(6):1951-1960. doi: 10.1161/STROKEAHA.120.032056. Epub 2021 Apr 19. PMID: 33866820 *Clinical Trial*.
102. **Rajani RM, Dupré N, Domenga-Denier V, Van Niel G**, Heiligenstein X, **Joutel A.** [Characterization of early ultrastructural changes in the cerebral white matter of CADASIL small vessel disease using high pressure freezing/freeze-substitution.](#) *Neuropathol Appl Neurobiol*. 2021 Aug;47(5):694-704. doi: 10.1111/nan.12697. Epub 2021 Feb 18. PMID: 33483954. [Download from HAL-INSERM](#)
103. Raposo G, **van Niel G**, Stahl PD. [Extracellular vesicles and homeostasis-An emerging field in bioscience research.](#) *FASEB Bioadv*. 2021 Jun;3(6):456-458. doi: 10.1096/fba.2021-00009. eCollection 2021 Jun. PubMed PMID: 34124600; PubMed Central PMCID: PMC8171303. **OPEN ACCES.** [Download from HAL-INSERM](#)
104. **Rebeillard F**, De Gois S, Pietrancosta N, **Mai TH**, Lai-Kuen R, Kieffer BL, Giros B, Massart R, **Darmon M, Diaz J.** [The Orphan GPCR Receptor, GPR88, Interacts with Nuclear Protein Partners in the Cerebral Cortex.](#) *Cereb Cortex*. 2021 Jul 9:bhab224. doi: 10.1093/cercor/bhab224. Online ahead of print. PMID: 34247243
105. **Rebholz H**, Pfaffeneder-Mantaid F, Knoll W, Hassel AW, Frank W, Kleber C. [Olfactory dysfunction in SARS-CoV-2 infection: Focus on odorant specificity and chronic persistence.](#) *Am J Otolaryngol*. 2021. Volume 42, Issue 5, 103014, ISSN 0196-0709. doi: 10.1016/j.amjoto.2021.103014. [Download from HAL-INSERM](#)
106. Ribot J, Breton R, Calvo CF, Moulard J, Ezan P, Zapata J, Samama K, **Moreau M**, Bemelmans AP, Sabatet V, Dingli F, Loew D, Milleret C, **Billuart P**, Dallérac G, Rouach N. [Astrocytes close the mouse critical period for visual plasticity.](#) *Science*. 2021 Jul 2;373(6550):77-81. doi: 10.1126/science.abf5273. PubMed PMID: 34210880. [Download from HAL-INSERM](#)
107. **Robert V, Therreau L, Chevaleyre V, Lepicard E, Viollet C, Cognet J**, Huang AJ, Boehringer R, Polygalov D, McHugh TJ, **Piskorowski RA.** [Local circuit allowing hypothalamic control of hippocampal area CA2 activity and consequences for CA1.](#) *Elife*. 2021 May 18;10. doi: 10.7554/eLife.63352. PubMed PMID: 34003113. **OPEN ACCES.** [Download from HAL-INSERM](#)
108. Rojnic Kuzman M, Vahip S, Fiorillo A, Beezhold J, Pinto da Costa M, Skugarevsky O, Dom G, Pajevic I, Mihaljevic Peles A, Mohr P, Kleinberg A, Chkonia E, Balazs J, Flannery W, Mazaliauskiene R, Chihai J, Samochowiec J, Cozman D, Mihajlovic G, Izakova L, Arango C, **Gorwood P.** [Mental Health Services during the first wave of the COVID-19 pandemic in Europe: Results from the EPA Ambassadors Survey and implications for clinical practice.](#) *Eur Psychiatry*. 2021 Jun 9;64(1):e41. doi: 10.1192/j.eurpsy.2021.2215. PMID: 34103102. **OPEN ACCES.** [Download from HAL-INSERM](#)

109. Rowbotham SK, Blumenthal R, Delabarde T, **Legrand L**, van der Walt E, Sutherland T, Lockhat Z, Arthurs OJ. [An evaluation of the differences in paediatric skeletal trauma between fatal simple short falls and physical abuse blunt impact loads: An international multicentre pilot study](#). *Forensic Sci Int*. 2021 Apr 20;323:110788. doi: 10.1016/j.forsciint.2021.110788. [Epub ahead of print] PubMed PMID: 33915490.
110. Sala L, **Gorwood P**, Vindreau C, **Duriez P**. [Mindfulness-based Cognitive Therapy added to usual care improves eating behaviours in patients with Bulimia Nervosa and Binge Eating Disorder by decreasing the cognitive load of words related to body shape, weight and food](#). *Eur Psychiatry*. 2021 Oct 28;64(1):e67. doi: 10.1192/j.eurpsy.2021.2242. PMID: 34706785. **OPEN ACCES**. [Download from HAL-INSERM](#)
111. Santiago A, Carré A, Miranda R, **Lemogne C**, **LeStrat Y**, Benyamina A, Perney P, Luquiens A. [Study protocol for an online randomised controlled trial among non-treatment seeking problem gamblers: training inhibition in online problem gambling \(TRAIN-online\) trial](#). *BMJ Open*. 2021 Nov 30;11(11):e051641. doi: 10.1136/bmjopen-2021-051641. PubMed PMID: 34848517; PubMed Central PMCID: PMC8634281. **OPEN ACCES**. [Download from HAL-INSERM](#)
112. Santisteban L, **Teremetz M**, Irazusta J, **Lindberg PG**, Rodriguez-Larrad A. [Outcome measures used in trials on gait rehabilitation in multiple sclerosis: A systematic literature review](#). *PLoS One*. 2021 Sep 30;16(9):e0257809. doi: 10.1371/journal.pone.0257809. eCollection 2021. PMID: 34591875; PubMed Central PMCID: PMC8483298. **OPEN ACCES**. [Download from HAL-INSERM](#)
113. **Santos R**, Linker SB, Stern S, Mendes AP, Shokhirev MN, Erikson G, Randolph-Moore L, Racha V, Yeni K, Kelsoe JR, Bang AG, Alda M, Marchetto MC, Gage FH. [Deficient LEF1 expression is associated with lithium resistance and hyperexcitability in neurons derived from bipolar disorder patients](#). *Mol Psychiatry*. 2021 Jun;26(6):2440-2456. doi: 10.1038/s41380-020-00981-3. Epub 2021 Jan 4PubMed PMID: 33398088. [Download from HAL-INSERM](#)
114. Scanferla E, **Gorwood P**, Fasse L. [Familial experience of acute bacterial meningitis in children: a transversal qualitative study using interpretative phenomenological analysis](#). *BMJ Open*. 2021 Jul 20;11(7):e047465. doi: 10.1136/bmjopen-2020-047465. PubMed PMID: 34285009. **OPEN ACCES**. [Download from HAL-INSERM](#)
115. **Schiphorst AT**, **Charron S**, **Hassen WB**, **Provost C**, **Naggara O**, **Benzakoun J**, **Seners P**, **Turc G**, **Baron JC**, **Oppenheim C**. [Tissue no-reflow despite full recanalization following thrombectomy for anterior circulation stroke with proximal occlusion: A clinical study](#). *J Cereb Blood Flow Metab*. 2021 Feb;41(2):253-266. doi: 10.1177/0271678X20954929. Epub 2020 Sep 22.PMID: 32960688. [Download from HAL-INSERM](#)
116. **Seners P**, **Ben Hassen W**, Lapergue B, Arquizan C, Heldner MR, Henon H, **Perrin C**, Strambo D, Cottier JP, Sablot D, Girard Buttaz I, Tamazyran R, Preterre C, Agius P, Laksiri N, Mechtouff L, Béjot Y, Duong DL, Mounier-Vehier F, Mione G, Rosso C, Lucas L, Papassin J, Aignatoaie A, Triquenot A, Carrera E, Niclot P, Obadia A, Lyoubi A, Garnier P, Crainic N, Wolff V, Tracol C, Philippeau F, Lamy C, Soize S, **Baron JC**, **Turc G**. [Prediction of Early Neurological Deterioration in Individuals With Minor Stroke and Large Vessel Occlusion Intended for Intravenous Thrombolysis Alone](#). *JAMA Neurol*. 2021 Mar 1;78(3):321-328. doi: 10.1001/jamaneurol.2020.4557. PMID: 33427887. **OPEN ACCES**. [Download from HAL-INSERM](#)
117. **Seners P**, Dargazanli C, Piotin M, Sablot D, Bracard S, Niclot P, **Baron JC**, **Turc G**. [Intended Bridging Therapy or Intravenous Thrombolysis Alone in Minor Stroke With Basilar Artery Occlusion](#). *Stroke*. 2021 Jan;52(2):699-702. doi: 10.1161/STROKEAHA.120.030992. Epub 2021 Jan 7. PMID: 33406868.
118. **Seners P**, **Oppenheim C**, **Turc G**, Albucher JF, Guenego A, Raposo N, Christensen S, Calvière L, Viguier A, Darcourt J, Januel AC, Mlynash M, Sommet A, Thalamas C, Sibon I, Rousseau V, Tourdias T, Menegon P, Bonneville F, Mazighi M, **Charron S**, **Legrand L**, Cognard C, Albers GW, **Baron JC**, Olivot JM. [Perfusion imaging and clinical](#)

- [outcome in acute ischemic stroke with large core.](#) Ann Neurol. 2021 Sep;90(3):417-427. doi: 10.1002/ana.26152. Epub 2021 Jul 29. PMID: 34216396 Clinical Trial.. [Download from HAL-INSERM](#)
119. Shabangu T, Chen HL, Zhuang ZH, **Pierani A**, Chen CF, Chou SJ. [Specific contribution of neurons from the Dbx1 lineage to the piriform cortex.](#) Sci Rep. 2021 Apr 16;11(1):8349. doi: 10.1038/s41598-021-86512-8. PubMed PMID: 33863910; PubMed Central PMCID: PMC8052341. [OPEN ACCES.](#) [Download from HAL-INSERM](#)
120. Shahjouei S, Tsivgoulis G, Farahmand G, Koza E, Mowla A, Vafaei Sadr A, Kia A, Vaghefi Far A, Mondello S, Cernigliaro A, Ranta A, Punter M, Khodadadi F, Naderi S, Sabra M, Ramezani M, Amini Harandi A, Olulana O, Chaudhary D, Lyoubi A, Campbell BCV, Arenillas JF, Bock D, Montaner J, Aghayari Sheikh Neshin S, Aguiar de Sousa D, Tenser MS, Aires A, Alfonso ML, Alizada O, Azevedo E, Goyal N, Babaeepour Z, Banihashemi G, Bonati LH, Cereda CW, Chang JJ, Crnjakovic M, De Marchis GM, Del Sette M, Ebrahimzadeh SA, Farhoudi M, Gandoglia I, **Gonçalves B**, Griessenauer CJ, Murat Hanci M, Katsanos AH, Krogias C, Leker RR, Lotman L, Mai J, Male S, Malhotra K, Malojcic B, Mesquita T, Mir Ghasemi A, Mohamed Aref H, Mohseni Afshar Z, Moon J, Niemelä M, Rezai Jahromi B, Nolan L, Pandhi A, Park JH, Marto JP, Purroy F, Ranji-Burachaloo S, Carreira NR, Requena M, Rubiera M, Sajedi SA, Sargento-Freitas J, Sharma VK, Steiner T, Temporetti K, **Turc G**, Ahmadzadeh Y, Almasi-Dooghaee M, Assarzaghan F, Babazadeh A, Baharvahdat H, Cardoso FB, Dev A, Ghorbani M, Hamidi A, Hasheminejad ZS, Hojjat-Anasri Komachali S, Khorvash F, Kobeissy F, Mirkarimi H, Mohammadi-Vosough E, Misra D, Noorian AR, Nowrouzi-Sohrabi P, Paybast S, Poorsaadat L, Roozbeh M, Sabayan B, Salehizadeh S, Saberi A, Sepehrnia M, Vahabizad F, Yasuda TA, Ghahae M, Rahimian N, Harirchian MH, Borhani-Haghighi A, Azarpazhooh MR, Arora R, Ansari S, Avula V, Li J, Abedi V, Zand R. [SARS-CoV-2 and Stroke Characteristics: A Report From the Multinational COVID-19 Stroke Study Group.](#) Stroke. 2021 May;52(5):e117-e130. doi: 10.1161/STROKEAHA.120.032927. Epub 2021 Apr 21. PubMed PMID: 33878892. [OPEN ARCHIVE.](#) [Download from HAL-INSERM](#)
121. Sikora R, **Bun P, Danglot L**, Alqabandi M, Bassereau P, Niedergang F, **Galli T, Zahraoui A.** [MICAL-L1 is required for cargo protein delivery to the cell surface.](#) Biol Open. 2021 Jun 15;10(6). doi: 10.1242/bio.058008. Epub 2021 Jun 8. PubMed PMID: 34100897. [OPEN ACCES.](#) [Download from HAL-INSERM](#)
122. Spedding M, Chattarji S, Spedding C, **Jay TM.** [Brain circuits at risk in psychiatric diseases and pharmacological pathways.](#) Therapie. 2021 Mar-Apr;76(2):75-86. doi: 10.1016/j.therap.2020.12.005. Epub 2020 Dec 8. Review. PubMed PMID: 33358639.
123. Stricker S, **Boulouis G**, Benichi S, Bourgeois M, **Gariel F, Garzelli L**, Hak JF, Alias Q, **Kerleroux B**, Beccaria K, Chivet A, de Saint Denis T, James S, Paternoster G, Zerach M, Kossorotoff M, Boddaert N, Brunelle F, Meyer P, Puget S, **Naggara O**, Blauwblomme T. [Acute surgical management of children with ruptured brain arteriovenous malformation.](#) J Neurosurg Pediatr. 2021 Jan 22;27(4):437-445. doi: 10.3171/2020.8.PEDS20479. PMID: 33482644. [OPEN ACCES.](#) [Download from HAL-INSERM](#)
124. **Tebeka S, De Premorel Higgons A, Dubertret C, Le Strat Y.** [Changes in alcohol use and heavy episodic drinking in U.S. Women of childbearing-age and peripartum between 2001-2002 and 2012-2013.](#) Addict Behav. 2020 Aug;107:106389. doi: 10.1016/j.addbeh.2020.106389. Epub 2020 Mar 9. PubMed PMID: 32244086.
125. **Tebeka S**, Huillard O, Pignon B, Nguyen YL, **Dubertret C, Mallet J.** [Medical students and the response to COVID-19: Educational preparedness and psychological impact of their involvement in communicating with patients' relatives.](#) Encephale. 2021 Oct 7; doi: 10.1016/j.encep.2021.08.007. [Epub ahead of print] PubMed PMID: 34801232; PubMed Central PMCID: PMC8494989. [OPEN ACCES.](#) [Download from HAL-INSERM](#)
126. **Tebeka S, Le Strat Y**, Mandelbrot L, Benachi A, Dommergues M, Kayem G, Lepercq J, Luton D, Ville Y, **Ramoz N**, Mullaert J, **Dubertret C.** [Early and late-onset postpartum depression exhibit distinct associated factors: the IGEDEPP prospective cohort study.](#)

- BJOG. 2021 Sep;128(10):1683-1693. doi: 10.1111/1471-0528.16688. Epub 2021 Apr 6. PMID: 33656796
127. **Teissier A, Pierani A.** [Wiring of higher-order cortical areas: Spatiotemporal development of cortical hierarchy.](#) Semin Cell Dev Biol. 2021 Oct;118:35-49. doi: 10.1016/j.semcdb.2021.05.010. Epub 2021 May 24. PMID: 34034988 Review. Download from HAL-INSERM
128. **Tolle V, Ramoz N,** Epelbaum J. [Is there a hypothalamic basis for anorexia nervosa?.](#) Handb Clin Neurol. 2021;181:405-424. doi: 10.1016/B978-0-12-820683-6.00030-0. PubMed PMID: 34238474. Review.
129. Vadodaria KC, Mendes APD, Mei A, Racha V, Erikson G, Shokhirev MN, Oefner R, Heard KJ, McCarthy MJ, Eylar L, Kelsoe JR, **Santos R,** Marchetto MC, Gage FH. [Altered Neuronal Support and Inflammatory Response in Bipolar Disorder Patient-Derived Astrocytes.](#) Stem Cell Reports. 2021 Apr 13;16(4):825-835. doi: 10.1016/j.stemcr.2021.02.004. Epub 2021 Mar 4. PMID: 33667413. **OPEN ACCES.** Download from [HAL-INSERM](#) This article has been chosen for a Press Release by Cell Press in the AAAS platform [EurekAlert.](#) The article is also cited in the [Gizmodo](#) technology and science website.
130. **van Niel G,** Gazeau F, Wilhelm C, Silva AKA. [Technological and translational challenges for extracellular vesicle in therapy and diagnosis.](#) Adv Drug Deliv Rev. 2021 Dec;179:114026. doi: 10.1016/j.addr.2021.114026. Epub 2021 Oct 25. PMID: 34710528. Download from [HAL-INSERM](#)
131. **Vats S, Galli T.** [Introducing secretory reticulophagy/ER-phagy \(SERP\), a VAMP7-dependent pathway involved in neurite growth.](#) Autophagy. 2021 Apr;17(4):1037-1039. doi: 10.1080/15548627.2021.1883886. Epub 2021 Feb 8. PubMed PMID: 33554711. Download from [HAL-INSERM](#)
132. Velthorst E, Mollon J, Murray RM, de Haan L, Germeys IM, Glahn DC, Arango C, van der Ven E, Di Forti M, Bernardo M, Guloksuz S, Delespaul P, Mezquida G, Amoretti S, Bobes J, Saiz PA, García-Portilla MP, Santos JL, Jiménez-López E, Sanjuan J, Aguilar EJ, Arrojo M, Carracedo A, López G, González-Peñas J, Parellada M, Atbaşoğlu C, Saka MC, Üçok A, Alptekin K, Akdede B, Binbay T, Altınyazar V, Ulaş H, Yalınçetin B, Gümüş-Akay G, Beyaz BC, Soygür H, Cankurtaran EŞ, Kaymak SU, Maric NP, Mihaljevic MM, Petrovic SA, Mirjanic T, Del-Ben CM, Ferraro L, Gayer-Anderson C, Jones PB, Jongsma HE, Kirkbride JB, La Cascia C, Lasalvia A, Tosato S, Llorca PM, Menezes PR, Morgan C, Quattrone D, Menchetti M, Selten JP, Szöke A, Tarricone I, Tortelli A, McGuire P, Valmaggia L, Kempton MJ, van der Gaag M, Riecher-Rössler A, Bressan RA, Barrantes-Vidal N, Nelson B, McGorry P, Pantelis C, **Krebs MO,** Ruhrmann S, Sachs G, Rutten BPF, van Os J, Alizadeh BZ, van Amelsvoort T, Bartels-Velthuis AA, Bruggeman R, van Beveren NJ, Luyck JJ, Cahn W, Simons CJP, Kahn RS, Schirmbeck F, van Winkel R, Reichenberg A. [Cognitive functioning throughout adulthood and illness stages in individuals with psychotic disorders and their unaffected siblings.](#) Mol Psychiatry. 2021 Aug;26(8):4529-4543. doi: 10.1038/s41380-020-00969-z. Epub 2021 Jan 7. PubMed PMID: 33414498.
133. **Verdi V, Bécot A, van Niel G, Verweij FJ.** [In vivo imaging of EVs in zebrafish: New perspectives from “the waterside”.](#) FASEB BioAdvances. 2021 Aug 27;3(11):918-929. doi: 10.1096/fba.2021-00081. eCollection 2021 Nov. PMID: 34761174. Review. **OPEN ACCES.** Download from [HAL-INSERM](#)
134. **Verweij FJ,** Balaj L, Boulanger CM, Carter DRF, Compeer EB, D'Angelo G, El Andaloussi S, Goetz JG, Gross JC, Hyenne V, Krämer-Albers EM, Lai CP, Loyer X, Marki A, Momma S, Nolte-'t Hoen ENM, Pegtel DM, Peinado H, Raposo G, Rilla K, Tahara H, Théry C, van Royen ME, Vandenbroucke RE, Wehman AM, Witwer K, Wu Z, Wubbolts R, **van Niel G.** [The power of imaging to understand extracellular vesicle biology in vivo.](#) Nat Methods. 2021 Sep;18(9):1013-1026. doi: 10.1038/s41592-021-01206-3. Epub 2021 Aug 26. Review. PubMed PMID: 34446922. Download from [HAL-INSERM](#)

135. Vincent C, Gilabert-Juan J, Gibel-Russo R, Alvarez-Fischer D, **Krebs MO, Le Pen G**, Prochiantz A, Di Nardo AA. [Non-cell-autonomous OTX2 transcription factor regulates anxiety-related behavior in the mouse.](#) Mol Psychiatry. . 2021 Nov;26(11):6469-6480. doi: 10.1038/s41380-021-01132-y. Epub 2021 May 7. PMID: 33963285. **OPEN ACCES.**
[Download from HAL-INSERM](#)
136. Vincent C, Gilabert-Juan J, Gibel-Russo R, Alvarez-Fischer D, **Krebs MO, Le Pen G**, Prochiantz A, Di Nardo AA. [Correction: Non-cell-autonomous OTX2 transcription factor regulates anxiety-related behavior in the mouse.](#) Mol Psychiatry. 2021 Jun 25;. doi: 10.1038/s41380-021-01195-x. [Epub ahead of print] PubMed PMID: 34172836.
137. **Wojnacki J, Nola S, Galli T.** [Protocol to study starvation-induced autophagy in developing rat neurons.](#) STAR Protoc. 2021 Aug 7;2(3):100713. doi: 10.1016/j.xpro.2021.100713. eCollection 2021 Sep 17. PMID: 34401779. **OPEN ACCES.**
[Download from HAL-INSERM](#)