

Professor Adrian Ivanoiu

MD, PhD



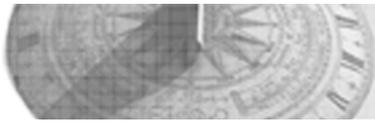
Adrian Ivanoiu is a neurologist and specialist in neurological rehabilitation.

He is the Head of the Neurology Department and Head of the Neuropsychiatry Department of the Saint Luc University Clinics, Brussels.

He is a Full Professor at UCLouvain.

His specialty is the diagnosis and management of cognitive disorders. He directs the Memory Clinic at Cliniques Saint Luc, Brussels, and is head of the “Louvain Aging Brain” research group at the Institute of Neurosciences of UCLouvain.

His list of recent publications (the last 5 years) is in the appendix.



Bibliographie

Critères de recherche	
Auteur(s)	: Ivanoiu, Adrian

2024

Colmant, Lise ; Boyer, Emilien ; Gérard, Thomas ; Slegers, Kristel ; Lhommel, Renaud ; Ivanoiu, Adrian ; Lefèvre, Philippe ; Kienlen-Campard, Pascal ; Hanseeuw, Bernard. Definition of a Threshold for the Plasma A β 42/A β 40 Ratio Measured by Single-Molecule Array to Predict the Amyloid Status of Individuals without Dementia. In: International Journal of Molecular Sciences, Vol. 25, no.2, p. 1173 (2024). doi:10.3390/ijms25021173. <http://hdl.handle.net/2078.1/285084>

Khalifa, Céline ; Robert, Annie ; Cappe, Maximilien ; Lemaire, Guillaume ; Tircoveanu, Robert ; Dehon, Valérie ; Ivanoiu, Adrian ; Piérard, Sophie ; de Kerchove, Laurent ; Jacobs Sariyar, Aurélie ; Teunissen, Charlotte Elisabeth ; Momeni, Mona. Serum neurofilament light and postoperative delirium in cardiac surgery: a preplanned secondary analysis of a prospective observational study. In: Anesthesiology, (2024). doi:10.1097/aln.0000000000004922 (Accepté/Sous presse). <http://hdl.handle.net/2078.1/285076>

Malotau, Vincent ; Colmant, Lise ; Quenon, Lisa ; Huyghe, Lara ; Gérard, Thomas ; Dricot, Laurence ; Ivanoiu, Adrian ; Lhommel, Renaud ; Hanseeuw, Bernard. Suspecting Non-Alzheimer's Pathologies and Mixed Pathologies: A Comparative Study Between Brain Metabolism and Tau Images. In: Journal of Alzheimer's Disease, Vol. 97, no.1, p. 421-433 (2024). doi:10.3233/jad-230696. <http://hdl.handle.net/2078.1/285086>

Gérard, Thomas ; Colmant, Lise ; Malotau, Vincent ; Salman, Yasmine ; Huyghe, Lara ; Quenon, Lisa ; Dricot, Laurence ; Ivanoiu, Adrian ; Lhommel, Renaud ; Hanseeuw, Bernard. The spatial extent of tauopathy on [18F]MK-6240 tau PET shows stronger association with cognitive performances than the standard uptake value ratio in Alzheimer's disease. In: European Journal of Nuclear Medicine and Molecular Imaging, (2024). doi:10.1007/s00259-024-06603-2 (Accepté/Sous presse). <http://hdl.handle.net/2078.1/285085>

2023

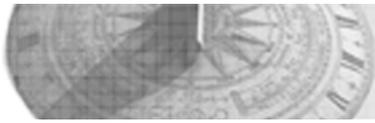
Lebrun, Louisien ; Hanseeuw, Bernard ; Van Pesch, Vincent ; Ivanoiu, Adrian. Alzheimer disease's cerebrospinal fluid biomarkers differences between immigrants and natives in a Belgian memory clinic. In: Acta neurologica Belgica, Vol. 123, no. 2, p. 537-544 (2023). doi:10.1007/s13760-022-02143-4. <http://hdl.handle.net/2078.1/269059>

Malotau, Vincent ; Dricot, Laurence ; Quenon, Lisa ; Lhommel, Renaud ; Ivanoiu, Adrian ; Hanseeuw, Bernard. Default-Mode Network Connectivity Changes During the Progression Toward Alzheimer's Dementia: A Longitudinal Functional Magnetic Resonance Imaging Study. In: Brain connectivity, Vol. 13, no. 5, p. 287-296 (2023). doi:10.1089/brain.2022.0008. <http://hdl.handle.net/2078.1/269010>

Khalifa, Céline ; Lenoir, Cédric ; Robert, Annie ; Watremez, Christine ; Kahn, David ; Mastrobuoni, Stefano ; Aphram, Gaby ; Ivanoiu, Adrian ; Bonhomme, Vincent ; Mouraux, André ; Momeni, Mona. Intra-operative electroencephalogram frontal alpha-band spectral analysis and postoperative delirium in cardiac surgery : A prospective cohort study. In: European Journal of Anaesthesiology, no. 40, p. 1-11 (2023). doi:10.1097/eja.0000000000001895. <http://hdl.handle.net/2078.1/277742>

2022

Benkirane, Adam ; Warlop, Thibault ; Ivanoiu, Adrian ; Baret, Pierre ; Wiame, Elsa ; Haufroid, Vincent ; Duprez, Thierry ; Hantson, Philippe. Case report: Motor neuron disease phenotype associated with symptomatic copper deficiency: Challenging diagnosis and treatment.. In: Frontiers in neurology, Vol. 13, p. 1063803 [1-6] (2022). doi:10.3389/fneur.2022.1063803. <http://hdl.handle.net/2078.1/275269>



Jansen, Willemijn J ; Janssen, Olin ; Tijms, Betty M ; Vos, Stephanie J B ; Ossenkuppele, Rik ; Visser, Pieter Jelle. Erratum : Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum., collab. Amyloid Biomarker Study Group ; Ivanoiu, Adrian. In: JAMA neurology, Vol. 79, no.3, p. 313 (2022). doi:10.1001/jamaneurol.2022.0265. <http://hdl.handle.net/2078.1/279635>

Sulcova, Dominika ; Salatino, Adriana ; Ivanoiu, Adrian ; Mouraux, André. Evaluation of GABAAR-mediated inhibition in the human brain using TMS-evoked potentials. In: bioRxiv, Vol. 2022.10.31.514225 (2022) (2022). doi:10.1101/2022.10.31.514225. <http://hdl.handle.net/2078.1/270614>

Sulcova, Dominika ; Salman, Yasmine ; Ivanoiu, Adrian ; Mouraux, André. Exploring the properties of the left angular gyrus using TMS-evoked potentials. In: bioRxiv, Vol. 2022.11.15.516568, no., p. (2022). doi:10.1101/2022.11.15.516568 (Accepté/Sous presse). <http://hdl.handle.net/2078.1/270616>

Sulcova, Dominika ; Salatino, Adriana ; Ivanoiu, Adrian ; Mouraux, André. Investigating the Origin of TMS-evoked Brain Potentials Using Topographic Analysis.. In: Brain topography, Vol. 35, no. 5-6, p. 583-598 (2022). doi:10.1007/s10548-022-00917-w. <http://hdl.handle.net/2078.1/270612>

Pichon, Louise ; Ivanoiu, Adrian ; Duprez, Thierry ; Lacomblez, Douglas ; Wilms, Guido. NEURO-IMAGE: MELAS (mitochondrial encephalomyopathy, lactic acidosis, and stroke-like episodes syndrome).. In: Acta neurologica Belgica, Vol. 122, no. 6, p. 1597-1598 (2022). doi:10.1007/s13760-021-01694-2. <http://hdl.handle.net/2078.1/261365>

Jansen, Willemijn J ; Janssen, Olin ; Tijms, Betty M ; Vos, Stephanie J B ; Ossenkuppele, Rik ; Visser, Pieter Jelle. Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum., collab. Amyloid Biomarker Study Group ; Ivanoiu, Adrian. In: JAMA neurology, Vol. 79, no.3, p. 228-243 (2022). doi:10.1001/jamaneurol.2021.5216. <http://hdl.handle.net/2078.1/279631>

2021

Hanseeuw, Bernard ; Malotau, Vincent ; Dricot, Laurence ; Quenon, Lisa ; Sznajer, Yves ; Cerman, Jiri ; Woodard, John ; Buckley, Christopher ; Farrar, Gill ; Ivanoiu, Adrian ; Lhommel, Renaud. Defining a Centiloid scale threshold predicting long-term progression to dementia in patients attending the memory clinic: an [18F] flutemetamol amyloid PET study. In: European Journal of Nuclear Medicine and Molecular Imaging, Vol. 48, no. 1, p. 302-310 (2021). doi:10.1007/s00259-020-04942-4 (Accepté/Sous presse). <http://hdl.handle.net/2078.1/235539>

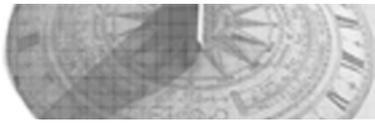
Wittens, Mandy Melissa Jane ; Sima, Diana Maria ; Houbrechts, Ruben ; Ribbens, Annemie ; Niemantsverdriet, Ellis ; Fransen, Erik ; Bastin, Christine ; Benoit, Florence ; Bergmans, Bruno ; Bier, Jean-Christophe ; De Deyn, Peter Paul ; Deryck, Olivier ; Hanseeuw, Bernard ; Ivanoiu, Adrian ; Lemper, Jean-Claude ; Mormont, Eric ; Picard, Gaëtane ; de la Rosa, Ezequiel ; Salmon, Eric ; Segers, Kurt ; Sieben, Anne ; Smeets, Dirk ; Struyfs, Hanne ; Thiery, Evert ; Tournoy, Jos ; Triau, Eric ; Vanbinst, Anne-Marie ; Versijpt, Jan ; Bjerke, Maria ; Engelborghs, Sebastiaan. Diagnostic Performance of Automated MRI Volumetry by icobrain dm for Alzheimer's Disease in a Clinical Setting: A REMEMBER Study.. In: Journal of Alzheimer's disease, Vol. 83, no. 2, p. 623-639 (2021). doi:10.3233/JAD-210450. <http://hdl.handle.net/2078.1/250614>

Deravet, Nicolas ; Orban de Xivry, Jean-Jacques ; Ivanoiu, Adrian ; Bier, Jean-Christophe ; Segers, Kurt ; Yüksel, Demet ; Lefèvre, Philippe. Frontotemporal dementia patients exhibit deficits in predictive saccades.. In: Journal of computational neuroscience, Vol. 49, p. 357-369 (2021). doi:10.1007/s10827-020-00765-2. <http://hdl.handle.net/2078.1/236684>

Guilmot, Antoine ; Maldonado Sloopjes, Sofia Ijke ; Sellimi, Amina ; Bronchain, Maroussia ; Hanseeuw, Bernard ; Belkhir, Leïla ; Yombi, Jean Cyr ; De Greef, Julien ; Pothen, Lucie ; Yildiz, Halil ; Duprez, Thierry ; Fillee, Catherine ; Anantharajah, Ahalieyah ; Capes, Antoine ; Hantson, Philippe ; Jacquerye, Philippe ; Raymackers, Jean-Marc ; London, Frédéric ; El Sankari, Souraya ; Ivanoiu, Adrian ; Maggi, Pietro ; Van Pesch, Vincent. Immune-mediated neurological syndromes in SARS-CoV-2-infected patients.. In: Journal of neurology, Vol. 268, no. 3, p. 751-757 (2021). doi:10.1007/s00415-020-10108-x. <http://hdl.handle.net/2078.1/232183>

Hanset, Nicolas ; Tsevi, Mawufemo Yawovi ; Duprez, Thierry ; Ivanoiu, Adrian ; Devresse, Arnaud ; Demoulin, Nathalie ; Kanaan, Nada. Infliximab for relapsing neurosarcoidosis recurring after kidney transplantation: a case report.. In: Acta clinica Belgica, Vol. 76, no. 2, p. 149-151 (2021). doi:10.1080/17843286.2019.1664093. <http://hdl.handle.net/2078.1/220926>

Bellaali, Youssef ; Woodard, John L ; Hanseeuw, Bernard ; Ivanoiu, Adrian. Spouse-Appraised Memory Functioning Predicts Memory Decline Better Than Subjective Memory Complaints in Community Dwelling Older Adults at



Genetic Risk for Alzheimer's Disease.. In: *Frontiers in psychiatry*, Vol. 12, p. 633102 [1-9] (2021). doi:10.3389/fpsy.2021.633102. <http://hdl.handle.net/2078.1/253765>

2020

Malotau, Vincent ; Dricot, Laurence ; Quenon, Lisa ; Ivanoiu, Adrian ; Lhommel, Renaud ; Hanseeuw, Bernard. Alzheimer-like glucose hypometabolism predicts subsequent dementia in amyloid-negative mild cognitive impairment : Neuroimaging / differential diagnosis. Alzheimer's Association International Conference (AAIC) 2020 (du 27/07/2020 au 31/07/2020). In: *Alzheimer's & Dementia*, Vol. 16, no.S5, p. / (2020). doi:10.1002/alz.044541. <http://hdl.handle.net/2078.1/248949>

Lebrun, Louisien ; Hanseeuw, Bernard ; Ivanoiu, Adrian. CSF biomarkers within a Belgian allochthonous population. Alzheimer's Association International Congress ((Netherlands) Amsterdam (Online), du 26/07/2020 au 30/07/2020). In: *Alzheimer's & Dementia*, Vol. 16, no. Suppl 5, p. e047125 (2020). doi:10.1002/alz.047125. <http://hdl.handle.net/2078.1/238042>

Hemptinne, Coralie ; Boschi, Antonella ; Duprez, Thierry ; Ivanoiu, Adrian ; Coutel, Maëlle. Case of Susac's syndrome initially diagnosed as multiple sclerosis. In: *Journal Français d'Ophtalmologie*, Vol. 43, no. 3, p. e119-e122 (2020). doi:10.1016/j.jfo.2019.09.004. <http://hdl.handle.net/2078.1/232339>

Woodard, John ; Bellaali, Youssef ; Dricot, Laurence ; Lhommel, Renaud ; Malotau, Vincent ; Quenon, Lisa ; Hanseeuw, Bernard ; Ivanoiu, Adrian. Multivariate Prediction of Rate of Decline in Memory Functioning over Six Years using Imaging Biomarkers. Alzheimer's Association International Conference (AAIC) 2020 (Virtual Meeting, 28/07/2020). <http://hdl.handle.net/2078.1/248936>

Woodard, John ; Bellaali, Youssef ; Dricot, Laurence ; Lhommel, Renaud ; Malotau, Vincent ; Quenon, Lisa ; Hanseeuw, Bernard ; Ivanoiu, Adrian. Multivariate prediction of rate of decline in memory functioning over six years using imaging biomarkers : Neuroimaging / Optimal neuroimaging measures for tracking disease progression. In: *Alzheimer's & Dementia*, Vol. 16, no. Suppl 4, p. e045645 [1-2] (2020). doi:10.1002/alz.045645. <http://hdl.handle.net/2078.1/248931>

Ivanoiu, Adrian ; Engelborghs, Sebastiaan ; Hanseeuw, Bernard. [Early diagnosis of Alzheimer's disease (with the announcement of the diagnosis)]. In: *La Revue du praticien*, Vol. 70, no.2, p. 158-163 (2020). <http://hdl.handle.net/2078.1/263213>

2019

Bayart, Jean-Louis ; Hanseeuw, Bernard ; Ivanoiu, Adrian ; Van Pesch, Vincent. Analytical and clinical performances of the automated Lumipulse cerebrospinal fluid A β and T-Tau assays for Alzheimer's disease diagnosis.. In: *Journal of neurology*, Vol. 266, no. 9, p. 2304-2311 (2019). doi:10.1007/s00415-019-09418-6. <http://hdl.handle.net/2078.1/216507>

Hanseeuw, Bernard ; Betensky, Rebecca A ; Jacobs, Heidi I L ; Schultz, Aaron P ; Sepulcre, Jorge ; Becker, J Alex ; Cosio, Danielle M Orozco ; Farrell, Michelle ; Quiroz, Yakeel T ; Mormino, Elizabeth C ; Buckley, Rachel F ; Papp, Kathryn V ; Amariglio, Rebecca A ; Dewachter, Ilse ; Ivanoiu, Adrian ; Huijbers, Willem ; Hedden, Trey ; Marshall, Gad A ; Chhatwal, Jasmeer P ; Rentz, Dorene M ; Sperling, Reisa A ; Johnson, Keith. Association of Amyloid and Tau With Cognition in Preclinical Alzheimer Disease: A Longitudinal Study.. In: *JAMA Neurology*, Vol. 76, no. 8, p. 915-924 (2019). doi:10.1001/jamaneurol.2019.1424. <http://hdl.handle.net/2078.1/216517>

Picard, Gaëtane ; Bier, Jean-Christophe ; Capron, Isabelle ; De Deyn, Peter Paul ; Deryck, Olivier ; Engelborghs, Sebastiaan ; Hanseeuw, Bernard ; Lemper, Jean-Claude ; Mormont, Eric ; Petrovic, Mirko ; Salmon, Eric ; Segers, Kurt ; Sieben, Anne ; Thiery, Evert ; Ventura, Manfredi ; Versijpt, Jan ; Ivanoiu, Adrian. Dementia, End of Life, and Euthanasia: A Survey Among Dementia Specialists Organized by the Belgian Dementia Council.. In: *Journal of Alzheimer's Disease*, Vol. 69, no. 4, p. 989-1001 (2019). doi:10.3233/JAD-181277. <http://hdl.handle.net/2078.1/216518>

Hemptinne, Coralie ; Boschi, Antonella ; Duprez, Thierry ; Ivanoiu, Adrian ; Coutel, Maëlle. Suspicion de sclérose en plaques se révélant être un syndrome de Susac. Congrès de la Société Française d'Ophtalmologie (Paris, France, du 11/05/2019 au 14/05/2019). <http://hdl.handle.net/2078.1/258419>