

PUBLICATIONS 1987-2023.

54 publications, 11 chapitres de livre and 43 actes de colloques publiés

134 communications à des congrès

(en bleu, étudiants encadrés)

PUBLICATIONS DANS REVUES A COMITE DE LECTURE

- P1 - **Mestre N.**, Bons N. (1989) - Mise en évidence des projections olfactives directes dans l'hypothalamus, le mésencéphale et le métencéphale de *Microcebus murinus* (Primate, Lémurien). **C. R. Acad. Sci., Paris**, 309, 535-541.
- P2 - Bons N., **Mestre N.**, Petter A., Danger J.M., Pelletier G., Vaudry H. (1990) - Localization and characterization of neuropeptide Y in the brain of *Microcebus murinus* (Primate, Lemurian). **J. Comp. Neurol.** 298, 343-361.
- P3 - Bons N., **Mestre N.**, Petter A. (1991a) - Seniles plaques and neurofibrillary changes in the brain of an aged lemurian primate *Microcebus murinus*. **Neurobiol. Aging**, 13, 99-105.
- P4 - Bons N., **Mestre N.**, Petter A. (1991b) - Présence de plaques neuritiques et de modifications neurofibrillaires dans le cortex cérébral d'un primate lémurien âgé. **C. R. Acad. Sci., Paris**, 313, 213-219.
- P5 - **Mestre N.**, Petter A., Bons N. (1992) - Systematisation of the olfactory bulb efferent projections in a lemurian primate : *Microcebus murinus*. **Journal für Hirnforschung**, 33, 2, 173-184.
- P6 - Bons N., **Mestre N.** (1993) - Similitudes entre les plaques amyloïdes cérébrales d'un lémurien âgé et de l'homme atteint de maladie d'Alzheimer. **C.R. Soc. Biol.**, 187, 516-525.
- P7 - **Mestre N.**, Bons N. (1993) - Age-related cytological changes and neuronal loss in basal forebrain cholinergic neurons in *Microcebus murinus* (Lemurian, Primate). **Neurodegeneration** 2, 25-32.
- P8 - Dournaud P., Gautron J.P., Pattou E., Bons N., **Mestre N.**, Petter A., Kordon C., Epelbaum J. (1994) - Choline acetyltransferase and somatostatin levels in aged *Microcebus murinus* brain. **Neurobiol. Aging** 15, 727-731.
- P9 - Bons N., **Mestre N.**, Ritchie K., Petter A., Podlisny M., Selkoe D. (1994) - Identification of amyloid beta protein in the brain of the small short-lived lemurian primate *Microcebus murinus*. **Neurobiol. Aging**, 15, 2, 215-220.
- P10 - Bons N., **Jallageas V.**, Silhol S., **Mestre-Francés N.**, Petter A, Delacourte A (1995) - Immunocytochemical characterization of Tau proteins during cerebral aging of the lemurian primate *Microcebus murinus*. **C. R. Acad. Sci.** 318, 77-83.
- P11 - Bons N., **Jallageas V.**, **Mestre-Francés N.**, Silhol S., Petter A., Delacourte A. (1995) - *Microcebus murinus*, a convenient laboratory animal model for the study of Alzheimer's disease. **Alzheimer's Research** 1, 83-87.
- P12 - Calenda A., **Mestre-Francés N.**, Czech C., Pradier L., Petter A., Bons N., Bellis M. (1996) - Molecular cloning, sequencing and brain expression of the presenilin 1 gene in *Microcebus murinus*. **Biochemical and Biophysical Research Communications** 228, 430-439.
- P13 - Silhol S., Calenda A., **Jallageas V.**, **Mestre-Francés N.**, Bellis M., Bons N. (1996)- β amyloid protein precursor in *Microcebus murinus*: genotyping and brain localization. **Neurobiology of Disease** 3, 169-182
- P14 - **Mestre-Francés N.**, Silhol S., Bons N. (1996) - Evolution of β -amyloid deposits in the cerebral cortex of *Microcebus murinus* lemurian primate. **Alzheimer's Research**, 2, 19-28.
- P15 - Bons N., **Mestre-Francés N.**, Charnay Y., Tagliavini F. (1996) - Spontaneous spongiform encephalopathy in a young adult rhesus monkey. **Lancet**, 348, 55.
- P16 - Bons N., **Mestre-Francés N.**, Charnay Y., Salmona M., Tagliavini F. (1996) Spontaneous spongiform encephalopathy in a young adult rhesus monkey. **C. R. Acad. Sci.** 319, 733-736.
- P17 - Bons N., **Mestre-Francés N.**, Guiraud I., Charnay Y. (1997) - Prion immunoreactivity in brain, tonsil, gastrointestinal epithelial cells and blood and lymph vessels in lemurian zoo primates with spongiform encephalopathy. **C. R. Acad. Sci.** 320,971-979
- P18 - Calenda A*, **Mestre-Francés N***, Czech C., Pradier L., Petter A., Perret M., Bons N., Bellis M. (1998) - Cloning of the presenilin 2 cDNA and its distribution in brain of the primate *Microcebus murinus*, coexpression with β APP and Tau proteins. **Neurobiology of Disease** 5, 323-333. (*equal contribution)
- P19 - Bons N., Silhol S., **Barbié V.**, **Mestre-Francés N.**, Albe-Fessard D. (1998) - A stereotaxic atlas of the Grey lesser mouse lemur brain (*Microcebus murinus*). **Brain Res. Bull.** 46, 1/2, 1-173.

- P20 - **Jallageas V., Privat N., Mestre-Francés N.**, Silhol S., Bons N. (1998) - Age-related changes in serotonergic and catecholaminergic brain systems in the lemurian primate *Microcebus murinus*. **Ann N Y Acad Sci.** 839, 628-30.
- P21 - Bons N., **Mestre-Francés N.**, Belli P., Cathala F., Gajduzek C., Brown P. (1999) - Natural and experimental oral contamination of non-human primates by bovine encephalopathy agents. **Proc. Natl. Acad. Sci. USA** 96, 4046-4051.
- P22 - **Mestre-Francés N., Keller E.**, Calenda A., Barelli H., Checler F., Bons N. (2000) - Immunohistochemical analysis of cerebral cortical and vascular lesions in the primate *Microcebus murinus* reveal distinct A β 42 and A β 40 immunoreactivity profiles - **Neurobiology of Disease** 7,1-8.
- P23 - Bons N., Lehmann S., Nishida N., Mestre-Francés N., Dormont D., Belli P., Delacourte A., Grassi J., Brown P. (2002) – BSE infection of the small short-lived primate *Microcebus murinus* . **C.R. Biologies** 325, 67-74.
- P24 - Bons N., Lehmann S., **Mestre-Francés N.**, Dormont D., Brown P. (2002) – Brain and buffy coat transmission of bovine spongiform encephalopathy to the primate *Microcebus murinus*. **Transfusion**, 42, 513-516.
- P25 - König N, Raynaud F, Feane H, Durand M, **Mestre-Francés N**, Rossel M, Ouali A, Benyamin Y. (2003) – Calpain 3 is expressed in astrocytes of rat and *Microcebus* brain. **Journal of Chemical Neuroanatomy**, 2003, 25, 129-136.
- P26 - Toupet K, Compan V, Crozet C, Mourton-Gilles C, **Mestre-Francés N**, Ibos F, Corbeau P, Verdier JM, Perrier V. (2008) Effective gene therapy in a mouse model of prion diseases. **PLoS ONE**, 3, 7, e2773
- P27 - A. Kraska, O. Dorieux, JL Picq, F. Petit, E. Bourrin, E. Chenu, A. Volk, M. Perret, P. Hantraye, **N. Mestre-Francés**, F. Aujard, M. Dhenain. (2009) - Age-associated cerebral atrophy in mouse lemur Primates. **Neurobiol. Aging** 2011, 32(5):894-906
- P28 - **Trouche SG**, Asuni A, Rouland S, Wisniewski T, Frangione B, Verdier JM, Sigurdsson EM, **Mestre-Francés N.** (2009) - Antibody response and plasma Abeta1-40 levels in young *Microcebus murinus* primates immunized with Abeta1-42 and its derivatives. **Vaccine** 2009, 27(7):957-64
- P29 - **Trouche SG**, Maurice T, Rouland S, Verdier JM, **Mestre-Francés N.** (2010) The three panel runway maze adapted to *Microcebus murinus* reveals age-related differences in memory and perseverance performances. - **Neurobiology of Learning Memory**, 2010, 94, 1:100-6.
- P30 – Torrent J, Soukkarieh C, Lenaers G, Arndt C, Forster V, Picaud S, **Mestre-Francés N**, J.M. Verdier. (2010) *Microcebus murinus* retina: a new model to assess prion related neurotoxicity in Primates. **Neurobiology of Disease** 2010, 39, 2:211-20.
- P31 – Abdel Rassoul R., Alves S., Pantesco V., De Vos J., Michel B., Perret M., **Mestre-Francés N.**, Verdier J.-M., Devau G. (2010). Distinct transcriptome expression of the temporal cortex of the primate *Microcebus murinus* during brain aging versus Alzheimer's disease-like pathology. **PLoS One** 2010;5(9). pii: e12770..
- P32 - Marchal S, Givalois L, Verdier JM, **Mestre-Francés N** (2011) Distribution of lithostathine in the mouse lemur brain with aging and Alzheimer's-like pathology. *Neurobiology of Aging* 2012, 33(2):431.e15-25
- P33 - Alba R, Bradshaw AC, **Mestre-Francés N**, Verdier JM, Henaff D, Baker AH (2011) Coagulation factor X mediates adenovirus type 5 liver gene transfer in non-human primates (*Microcebus murinus*). **Gene therapy** 2012, 19(1):109-13
- P34 - Languille S, Blanc S, Blin O, Canale CI, Dal-Pan A, Devau G, Dhenain M, Dorieux O, Epelbaum J, Gomez D, Hardy I, Henry PY, Irving EA, Marchal J, **Mestre-Francés N**, Perret M, Picq JL, Pifferi F, Rahman A, Schenker E, Terrien J, Théry M, Verdier JM, Aujard F. (2011) The grey mouse lemur : a non-human primate model for ageing studies. **Ageing Res Rev** 2012, 11(1):150-62
- P35 - **Mestre-Francés N**, Nicot S., Rouland S. Biacabe A.G., Quadrio I., Perret-Liaudet A., Baron T, Verdier J.M. (2012) Oral transmission of L-type bovine spongiform encephalopathy in primate model. **Emerging Infectious Diseases** 2012, 18(1):142-5.
- P36 - Nicot S, Bencsik A, Morignat E, **Mestre-Francés N**, Perret-Liaudet A, Baron T (2012) Differentiations of prion from L-type BSE versus sporadic Creutzfeldt-Jakob disease. **Emerging infectious disease**, 2012, 18(2): 2028-2031.
- P37 - Bertrand A., Pasquier A., Petiet A, Wiggins C, Kraska A, Joseph-Mathurin N., Aujard F., **Mestre-Francés N**, Dhenain M. (2013) Micro-MRI study of cerebral aging: *ex vivo* detection of hippocampal subfield reorganization, microhemorrhages and amyloid plaques in mouse lemur primates. **PLoS One** 2013, 8(2):e56593

- P38 – Joseph-mathurin N Dorieux O, Trouche SG, Boutajangout A, Kraska A, Fontès P, Verdier JM, Sigurdsson EM, **Mestre-Francés N**, Dhenain M. (2013) Amyloid beta immunization worsens iron deposits in the choroid plexus and cerebral microbleeds. **Neurobiol Aging**. 2013; 34(11):2613-22.
- P39 - Serratrice N, Cubizolle A, Ibanes S, **Mestre-Francés N**, Bayo-Puxan N, Creyssels S, Gennetier A, Bernex F, Verdier JM, Haskins M, Couderc G, Malecaze F, Kalatzis V, Kremer E (2014) Corrective GUSB transfer to the canine mucopolysaccharidosis VII cornea using a helper-dependent canine adenovirus vector. **Journal of controlled release** 2014; 181 :22-31
- P40 - Verdier JM, **Acquatella I**, Lautier C, Devau G, **Trouche S**, Lasbleiz C, **Mestre-Francés N** . (2015) Lessons from the analysis of non-human primates for understanding human aging and neurodegenerative diseases. **Front Neurosci**. 2015 Mar 4;9:64. Review
- P42 - Dubicanac M., Joly M., Strueve J., Nolte I., Verdier Jm., **Mestre-Francés N.**, Zimmermann E. (2016). Intraocular pressure in the smallest primate aging model, the gray mouse lemur" **Veterinary Ophthalmology** 21:319-327
- P43 - Dubicanac M., Strüve J., Nolte I., **Mestre-Francés N.**, Verdier JM., Zimmermann E., Joly M. (2017) Photoperiodic regime influences onset of lens opacities in a non-human primate. **Peer J** 2017
- P44 - Noristani HN, Gerber YN Sabourin JC, Le Corre M, Lonjon N, **Mestre-Francés N**, Hirbec H, Perrin FE. (2017) RNA-Seq Analysis of Microglia Reveals Time-Dependent Activation of Specific Genetic Programs following Spinal Cord Injury. **Frontiers in Molecular Neuroscience** 2017
- P45 - Le Corre M., Noristani HN., **Mestre-Francés N.**, Saint-Martin G., Coillot C.,Goze-Bac C. Lonjon N., Perrin F.E. (2017) A novel translational model of spinal cord injury in non-human primate. **Neurotherapeutics** 2018,15,3:751-769
- P46 - - **Mestre-Francés N.**, Serratrice N., Gennetier A., Devau G., **Cobo S.**, **Trouche S.**, Fontes P., Zussy C., De Deurwaerdere P., Salinas S., Mennechet F.J.D., Dusonchet J., Schneider B. L., Saggio I., Kalatzis V., Luquin-Piudo M.R., Verdier J.M, Kremer E.J. (2018) Exogenous LRRK2G2019S induces parkinsonian-like pathology in a nonhuman primate . **JCI Insight** 2018 3(14):e98202
- P47 - Lasbleiz C, **Mestre-Francés N** , Devau G, Luquin M R, Tenenbaum L, Kremer E J. Verdier J M (2019) Combining gene transfer and nonhuman primates to better understand and treat Parkinson's disease" **Frontiers in molecular neuroscience**, 12:10, 2019
- P48 - Gonzalez Dopeso-Reyes I, Junyent F, **Mestre-Francés N**, Whebi A, Beucher B, Kremer EJ (2019) - Identification of cerebellar afferent projections in a nonhuman primate using CAV-2 vectors **bioRxiv** 728709
- P49- Lafon P.A, Wang Y,Arango-Lievano M, Torrent J, Salvador-Prince L, Mansuy M, **Mestre-Francés N**, Givalois L, Liu J, Vicent Mercader J, Jeanneteau F, Desrumaux C, Perrier V (2020) Fungicide Residues Exposure and β -amyloid Aggregation in a Mouse Model of Alzheimer's Disease. **Environmental Health Perspectives** 128 (1):17011
- P50- Schmidtke D, Zimmermann E., **Trouche S.G.**, Fontes, P., Verdier J.M., **Mestre-Francés N**. (2020) Linking cognition to age and amyloid β burden in the brain of a non-human primate (*Microcebus murinus*). **Neurobiology of aging** 2020 Oct;94:207-216
- P51- Fritz R.G., Zimmermann E, Meier M., **Mestre-Francés N.**, Radespiel U., Schmidtke D (2020) Neurobiological substrates of animal personality in a non-human primate (*Microcebus murinus*). **Brain and Behavior** 2020: 10 (9) e01752
- P52- Poulen G, Aloy E, Bringuier CM, **Mestre-Francés N**, Artus EVF, Cardoso M, Perez JC, Goze-Bac C, Boukhaddaoui H, Lonjon N, Gerber YN, Perrin FE. (2021) Inhibiting microglia proliferation after spinal cord injury improves recovery in mice and nonhuman primates. **Theranostics**. 2021 Jul 31;11(18):8640-8659.
- P53- Lebart MC, Trousse F, Valette G, Torrent J, Denus M, **Mestre-Frances N**, Marcilhac A. (2022) Reg-1 α , a New Substrate of Calpain-2 Depending on Its Glycosylation Status. *Int J Mol Sci*. 2022 Aug 2;23(15):8591.
- P54- **Trouche SG**, Boutajangout A, Asuni A, Fontès P, Sigurdsson EM, Verdier JM, **Mestre-Francés N** (2023). Amyloid- β targeting immunisation in aged non-human primate (*Microcebus murinus*). *Brain Behav Immun*. 2022 Dec 30;109:63-77
- P55 – DiFrancesco ML, Marrot M, Torre E, Mesirca P, Davaze R, Lautier C, Fontes P, Cuoq J, Fernandez A, Lamb N, Pifferi F, **Mestre-Francés N**, Mangoni ME, Torrente AG. (2023) Characterization of sinoatrial automaticity in *Microcebus murinus* to study the effect of aging on cardiac activity and the correlation with longevity. *Sci Rep*. 2023 Feb 21;13(1):3054.

OUVRAGES, CHAPITRES D'OUVRAGES

- O1 - Bons N., **Mestre N.**, Silhol S., Sautière P.E., Delacourte A. (1994) - Un modèle animal pour l'étude du vieillissement cérébral normal et la maladie d'Alzheimer. In "Actualités sur la maladie d'Alzheimer et les syndromes apparentés." M. Poncet, B. Michel et A. Nieoullon (eds), Solal, 141-145.
- O2 - Dournaud P., Gautron J.P., Pattou E., Bons N., **Mestre N.**, Petter A., Kordon C., Epelbaum J. (1994) - Évolutions liées à l'âge des concentrations cérébrales de choline acétyltransférase et de somatostatine chez un primate lémurien (*Microcebus murinus*). In "Actualités sur la maladie d'Alzheimer et les syndromes apparentés." M. Poncet, B. Michel et A. Nieoullon (eds), Solal, 147-154.
- O3 - Bons N., **Mestre-Francis N.**, Silhol S., **Privat N.**, **Jallageas V.**, Calenda A., Bellis M., Delacourte A., Petter A. (1996) - Les modèles animaux de la maladie d'Alzheimer. In « Maladie d'Alzheimer et médecine de rééducation » Hérisson Ch., Touchon J., Enjalbert M. (eds.), Rencontres en Rééducation n°11, Masson, pp: 23-30.
- O4 - Bons N., **Jallageas V.**, **Keller E.**, Calenda A., **Mestre-Francis N** (1998) - Vieillissement cérébral de *Microcebus murinus*: recherche de critères cognitifs, histologiques et génétiques. In "Actualités 1998 sur la maladie d'Alzheimer et les syndromes apparentés" Solal, 185-192.
- O5 - Bons N., Silhol S., **Barbié V.**, **Mestre-Francis N.**, Albe-Fessard D. (1998) - A stereotaxic atlas of the Grey lesser mouse lemur brain (*Microcebus murinus*). Elsevier, 180p. ISBN :0-444-50098-7
- O6 - Bons N., **Mestre-Francis N.**, Petter A., Ritchie K. (2000) - Le cerveau de *Microcebus murinus*: modèle pour l'étude du cerveau vieillissant. Primatologie, Volume 3, 2000, 3-43.
- O7 - Bons N., **Keller E.**, **Mestre-Francis N.**, Calenda A. (2000) - Modèle animal du vieillissement cérébral : recherche de critères de l'évolution de la santé cérébrale du primate *Microcebus murinus*. avec l'âge. In « Attention la mémoire », Solal eds, pp 77-94
- O8 - **Mestre-Francis N.**, Laurine E., Verdier JM. (2004) – Le modèle microcèbe. In « Neurodégénérescence et vieillissement cérébral » Monographie du GRAL (BF Michel, JM Verdier eds) Solal.
- O9 - Zimmermann E, Radespiel U, **Mestre-Francis N**, Verdier JM (2016) -Chapter 25: Life history variation in mouse lemurs (*Microcebus murinus*, *M. lehilahytsara*): the effect of environmental and phylogenetic determinants. in *Dwarf and Mouse Lemurs of Madagascar: Biology, Behavior, and Conservation Biogeography of the Cheirogaleidae*. Editors: Shawn M. Lehman, Ute Radespiel, and Elke Zimmermann. Publisher: Cambridge University Press, Biological Sciences Division, Dr. Martin Griffiths
- O10 - Verdier JM, **Mestre-Francis N** (2016): chapter 7: *Microcebus murinus* – a unique primate for modeling human brain disorders with special emphasis to Alzheimer's disease and bovine spongiform encephalopathy. in *Dwarf and Mouse Lemurs of Madagascar: Biology, Behavior, and Conservation Biogeography of the Cheirogaleidae*. Editors: Shawn M. Lehman, Ute Radespiel, and Elke Zimmermann. Publisher: Cambridge University Press, Biological Sciences Division, Dr. Martin Griffiths
- O11 - **Mestre Francis N**, **Trouche S.G.**, Fontes P, Lautier C., Devau G., Lasbleiz C., Dhenain M., Verdier JM. (2018). Chapter 21: Old gray mouse lemur behavior, cognition and neuropathology. in *Conn's Handbook of models for human aging* 2ed. Jeffrey L Ram, P. Michael Conn. invitation by the editors.

ACTES DE COLLOQUE PUBLIES

De 1987 à 2009 : 38 actes de colloques

Depuis 2010

- A40 - **Mestre-Francis N**, Trouche SG, Boutajangout A, Asuni A, Arribat Y., Rouland S., Wisniewski T., Frangione B., Maurice T., Sigurdsson E., Verdier JM. A β derivative vaccination in old mouse lemur primates. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association* (July 2010), 6 (4), Supplement, pg. S223-S223
- A41 - Joseph-Mathurin N, Dorieux O, Kraska A, Santin M, Trouche S, Boutajangout A, Hantraye P, Verdier JM, Sigurdsson E, **Mestre-Francis N**, Dhenain M (2011) -In vivo follow-up of cerebral aging and side effects of anti-amyloid immunotherapies in the mouse lemur primate. *Alzheimer's & Dementia*, 7, 4, Supplement: S462-S463
- A42 - Verdier JM, **Mestre-Francis N**, Devau G, Trouche S, Abdel-Rassoul R, Lautier C, Asuni A, Boutajangout A, Sigurdsson E (2011) Aging and genetics in the lemurian primate *Microcebus murinus*: A useful approach for Alzheimer's disease studies. *Alzheimer's & Dementia*, 7, 4, Supplement, e76
- A43 - Dorieux O, Joseph-Mathurin N, Trouche S, Kraska A, Santin M, Boutajangout A, Verdier JM, Sigurdsson EM, **Mestre-Francis N**, Dhenain M (2012) A β immunization in old mouse lemur primates induces cerebral

microhemorrhages and accelerates age-associated iron deposits in the choroid plexus. *Alzheimer's & Dementia*, 8, 4, Supplement: 626

COMMUNICATIONS

De 1987 à 2009 : 113 communications

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- C114 – Abdel Rassoul R., Alves S., Pantesco V., De Vos J., **Mestre-Francés N.**, Verdier J.-M., Devau G. *Microcebus murinus*, a relevant primate model to analyse transcriptome evolution during brain aging. 14th Human Genome Meeting 2010, Montpellier, 18-21 may 2010
- C115 – Abdel Rassoul R., Alves S., Pantesco V., De Vos J., **Mestre-Francés N.**, Verdier J.M., Devau G. Transcriptome evolution during aging in the temporal cortex of the primate *Microcebus murinus*. 7th FENS Forum of European Neuroscience, , 3-7 July 2010 Amsterdam, Netherlands.
- C116 - **N Mestre-Francés**, S Trouche, A Boutajangout, A Asuni, Y Arribat, S Rouland, T Wisniewski, B Frangione, T Maurice, EM Sigurdsson, JM Verdier. A β Derivative Vaccination in Old Mouse Lemur Primates. 13th International Conference on Alzheimer's disease and related disorders, , July 10-15 2010, Honolulu, USA.
- C117 – Pouydebat E, Reghem E., **Mestre-Francés N.**, Gorce P. Validation of a prosimian model for the study of the grasping disorders in the Parkinson disease: a preliminary report. 35^{ème} Congrès annuel de la société de Biomécanique, Le Mans, 25-27 august 2010.
- C118 - R. Alba, A.C. Bradshaw, **N. Mestre-Francés**, D. Henaff, J.M. Verdier, A. Baker. Biodistribution and inflammatory profiles of hepatocyte-detargeted FX-binding ablated Ad5 vectors in non-human primates (*Microcebus murinus*). XVIIIth annual Congress of the European Society of Gene and Cell Therapy, Milan, Italie, 22-25 october 2010.
- C119 – N Joseph-Maturin, O Dorieux, A. Kraska, M. Santin, P. Hantraye, J.M. Verdier, E. Sigurdsson, **N Mestre-Francés**, M. Dhenain. *In vivo* follow-up of microhemorrhages during aging and anti-amyloid immunotherapy in the mouse lemur primate. Neuroscience 2010, , 13-17 november San Diego, USA. **(Oral communication)**
- C120 - S Trouche, A Boutajangout, A Asuni, S Rouland, T Wisniewski, B Frangione, T Maurice, EM Sigurdsson, JM Verdier, **N Mestre-Francés**. Evaluation of A β -targeting immunotherapy in the non-human Primate *Microcebus murinus*, AD/PD 2011, 9-13 march Barcelona, (Spain)
- C121 -Joseph-Mathurin N, Dorieux O, Kraska A, Santin M, Trouche S, Boutajangout A, Hantraye P, Verdier JM, Sigurdsson E, **Mestre-Francés N**, Dhenain M (2011) *In vivo* follow-up of cerebral aging and side effects of anti-amyloid immunotherapies in the mouse lemur primate Alzheimer's Association International Conference on Alzheimer's Disease, 16 – 21 July 2011, Paris, France.
- C122 - Verdier JM, **Mestre-Francés N**, Devau G, Trouche S, Abdel-Rassoul R, Lautier C, Asuni A, Boutajangout A, Sigurdsson E (2011) Aging and genetics in the lemurian primate *Microcebus murinus*: A useful approach for Alzheimer's disease studies. Association International Conference on Alzheimer's Disease, 16 – 21 July 2011 Paris, France.
- C123 – **N. Mestre-Francés**, S. Nicot, S. Rouland, A.G. Biacabe, I.Quadrio, A. Perret-liaudet, T.Baron, J.M. Verdier. Oral transmission of L-type bovine spongiform encephalopathy (M-BSE) in a primate model (*Microcebus murinus*). Neuroprion 2012, 9-12 may Amsterdam, (Netherlands). **(Invited for Oral communication)**
- C124 – N. Joseph-Mathurin, O. Dorieux, A. Kraska, M. Santin, S. Trouche, A. Boutajangout, J.M. Verdier, E. Sigurdsson, **N. Mestre-Francés**, M. Dhenain. A β immunization in old mouse lemur primates induces cerebral microhemorrhages and accelerates age-associated iron deposits in the choroid plexus. Alzheimer Association International Conference, , july 2012 Vancouver (Canada).
- C125 - **Mestre-Francés N**, Gennetier A, Serratrice N, Ibanes S, Cobo S, Kremer E, Verdier JM "Induction of Parkinson's Disorders Using Helper-dependent Canine Adenovirus Vector Expressing LRRK2* Gene in *Microcebus murinus*" 11th International Conference on ADPD, March 2013 Florence (Italy) **(Oral communication)**
- C126 - **Mestre-Francés N**, Trouche S, Lautier C, Verdier JM. Approche translationnelle de l'évaluation cognitive chez le primate *Microcebus murinus*. 12^{ème} réunion francophone sur la maladie d'Alzheimer. 12-13 june 2014, Montpellier
- C127 - **Mestre-Francés N**. Cerebral aging and related pathologies – Alzheimer and Parkinson- in the lemurian primate *Microcebus murinus*. Age and Aging, Franco-German Symposium, 7 october 2016 **(Invited for Oral communication)**

- C128 - Devau G, Lasbleiz C, **Mestre-Frances N**, Trouche S, Fontes P, Acquatelle Tran-Van-Ba I, Kremer EJ, Verdier JM (2017) Gene transfer to the brain of a lemurian primate for neurodegenerative disease studies. Neurofrance 2017, 17-19 may 2017, Bordeaux.
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