

Curriculum Vitae

Personal information **Gaelle Louin**

Work experience

Since Feb 2021: Head of Non clinical, Pharmacokinetic, Drug interaction Department in ANSM

Feb 2013- Jan 2023 : Head of generic drugs department

Jan 2007 - Jan 2013 : Research scientist in bio Imaging Guerbet

Sept 2002 - Dec 2006 : PhD in Neuropharmacology

Education and training

PhD in Neuropharmacology

PharmD

Additional information

Publications

1. Gadolinium-based contrast agents targeted to amyloid aggregates for the early diagnosis of Alzheimer's disease by MRI.

Bort G, Catoen S, Borderies H, Keksi A, Ballet S, Louin G, Port M, Ferroud C.

Eur J Med Chem. 2014 Nov 24;87:843-61

2. Ultra-sensitive molecular MRI of cerebrovascular cell activation enables early detection of chronic central nervous system disorders.

Montagne A, Gauberti M, Macrez R, Jullienne A, Briens A, Raynaud JS, Louin G, Buisson A, Haelewyn B, Docagne F, Defer G, Vivien D, Maubert E.

Neuroimage. 2012 Nov 1;63(2):760-70

3. Contrast-to-Dose Relationship of Gadopiclenol, an MRI Macrocyclic Gadolinium-based Contrast Agent, Compared with Gadoterate, Gadobenate, and Gadobutrol in a Rat Brain Tumor Model

Robert P, Vives V, Grindel AL, Kremer S, Bierry G, Louin G, Ballet S, Corot C.

Radiology. 2020 Jan;294(1):117-126

4. Detection of vascular cell adhesion molecule-1 expression with USPIO-enhanced molecular MRI in a mouse model of cerebral ischemia.

Fréchou M, Beray-Berthet V, Raynaud JS, Mériaux S, Gombert F, Lancelot E, Plotkine M, Marchand-Leroux C, Ballet S, Robert P, Louin G, Margaill I.

Contrast Media Mol Imaging. 2013 Mar-Apr;8(2):157-64

5. Selective inhibition of inducible nitric oxide synthase reduces neurological deficit but not cerebral edema following traumatic brain injury

Louin G, Marchand-Verrecchia C, Palmier B, Plotkine M, Jafarian-Tehrani M.

Neuropharmacology. 2006 Feb;50(2):182-90

6. Cortical calcium increase following traumatic brain injury represents a pitfall in the evaluation of Ca²⁺-independent NOS activity

Louin G, Besson VC, Royo NC, Bonnefont-Rousselot D, Marchand-Verrecchia C, Plotkine M, Jafarian-Tehrani M.

J Neurosci Methods. 2004 Sep 30;138(1-2):73-9.

7. 1400W, a potent selective inducible NOS inhibitor, improves histopathological outcome following traumatic brain injury in rats.

Jafarian-Tehrani M, Louin G, Royo NC, Besson VC, Bohme GA, Plotkine M, Marchand-Verrecchia C.

Nitric Oxide. 2005 Mar;12(2):61-9

8. Plasma concentrations of arginine and related amino acids following traumatic brain injury: Proline as a promising biomarker of brain damage severity

Louin G, Neveux N, Cynober L, Plotkine M, Marchand-Leroux C, Jafarian-Tehrani M

Nitric Oxide. 2007 Sep;17(2):91-7.

9. Characterization of a rat model to study acute neuroinflammation on histopathological, biochemical and functional outcomes

Ambrosini A, Louin G, Croci N, Plotkine M, Jafarian-Tehrani M.

J Neurosci Methods. 2005 Jun 15;144(2):183-91.

10. Lack of iNOS induction in a severe model of transient focal cerebral ischemia in rats.

Lerouet D, Jafarian-Tehrani M, Louin G, Palmier B, Bonnefont-Rousselot D, Plotkine M, Margaill I.

Exp Neurol. 2005 Sep;195(1):218-28

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