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EDUCATION

- March 2000** **Special formation for animal research.**
Faculty of biological and pharmaceutical sciences, University of Paris V.
- 1997-2000** **Ph. D. in Neuroscience** with summa cum laude.
In vivo MRS for the study of animal models of Huntington's disease.
CEA-Service Hospitalier Frederic Joliot - ORSAY
- 1996-1997** **Master of Science** in Neuroscience, University of Paris VI.
Specialization: Cellular and Molecular Biology.
- 1991-1995** **Engineering Degree** Ecole Supérieure d'Electricité (SUPELEC).
Specialization: Instrumentation and Measuring Systems.
Award from the Société des Ingénieurs de l'Automobile (SIA) in 1995.
- 1989** **Baccalaureat** (major: Mathematics and Physics) with high honours.

PROFESSIONAL EXPERIENCE

- 2001-2002** **Postdoctoral Associate in Radiology** at CMRR in Minneapolis.
MRS study of brain function.
Recipient of a Lavoisier grant from the French government in 2001.
- 1995** **Engineering Degree training period** (3 months) at CEA-SHFJ.
In vivo NMR spectroscopy.
- 1993** **Technical training period** (2 months) at SHARP in Tenri (Japan).
Study and characterization of laser diodes.
- 1992** 1 month **worker training period**.

LANGUAGES

- English** Fluent
- German** Written
- Japanese** Three years studies. Level 3 at the Japanese Proficiency Test.

OTHER ACTIVITIES

- Associations** Organization of the Third Franco-Japanese Meeting (March 1993).
Vice-President of the SUPELEC-Japan association in 1992.
- Computer skills** MS-DOS, Windows, Unix, Pascal, C, C++, Matlab.
- Sports** Climbing, alpinism.

PUBLICATIONS

PAPERS

Published:

Henry P.-G., Lebon V., Vaufrey F., Brouillet E., Hantraye P., Bloch G. Decreased TCA cycle rate in the rat brain after acute 3-NP treatment measured by *in vivo* ¹H-¹³C NMR spectroscopy. *J. Neurochem.*, in press (2002).

Henry P.-G., Dautry C., Hantraye P., Bloch G. Brain GABA editing without macromolecule contamination. *Magn. Reson. Med.* **45**, 517-520 (2001).

Henry P.-G., Roussel R., Vaufrey F., Dautry C., Bloch G. Semiselective POCE NMR spectroscopy. *Magn. Reson. Med.* **44**, 395-400 (2000).

Dautry C., Vaufrey F., Brouillet E., Bizat N., Henry P.-G., Condé F., Bloch G., Hantraye P. Early N-acetylaspartate depletion is a marker of neuronal death in rats and primates chronically treated with the mitochondrial toxin 3-nitropropionic acid. *J. Cereb. Blood Flow Metab.* **20**, 789-799 (2000).

Henry P.-G., van de Moortele P.-F., Giacomini E., Nauerth A., Bloch G. Field-frequency locked in vivo proton MRS on a whole-body spectrometer. *Magn. Reson. Med.* **42**, 636-642 (1999).

ORAL COMMUNICATIONS

Henry P.-G., Gruetter R. In vivo ^1H -localized ^{13}C NMR spectroscopy of the rat brain. *Proc. Intl. Soc. Magn. Reson. Med.*, Honolulu (2002).

Henry P.-G., Tkac I., Gruetter R. Automatic quantitation of *in vivo* ^{13}C spectra using LCModel. *Proc. Intl. Soc. Magn. Reson. Med.*, Honolulu (2002).

Oz G., Henry P.-G., Gruetter R. A localization method for the measurement of fast relaxing ^{13}C signals in the human brain. *Proc. Intl. Soc. Magn. Reson. Med.*, Honolulu (2002).

Henry P.-G., Lebon V., Vaufrey F., Brouillet E., Hantraye P., Bloch G. *In vivo* NMR measurement of TCA cycle rate alteration following 3NP intoxication. *Proc. Intl. Soc. Magn. Reson. Med.* **9**, 205, Glasgow (2001).

Henry P.-G., Roussel R., Vaufrey F., Dautry C., Bloch G. Semiselective POCE NMR spectroscopy. *Proc. Intl. Soc. Magn. Reson. Med.* **8**, 597, Denver (2000).

Henry P.-G., van de Moortele P.-F., Giacomini E., Nauerth A., Bloch G. Field-frequency locked in vivo proton MRS on a whole-body spectrometer. *Proc. Intl. Soc. Magn. Reson. Med.* **7**, 643, Philadelphia (1999).

POSTER

Henry P.-G., Dautry C., Hantraye P., Bloch G. Brain GABA editing without macromolecule contamination. *Proc. Intl. Soc. Magn. Reson. Med.* **7**, 1581, Philadelphia (1999).