



**Canadian Arthritis Network
International Partnership Initiative**

**International Research & Training Program
LABORATORY/CLINIC PROFILE**

Contact information of the principal investigator

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Please indicate if you are member or affiliate of one or more of the following International Partnership Initiative organizations:

- AO Foundation – Biotechnology Advisory Board, Switzerland
- Arthritis Foundation, USA
- Arthritis Research Campaign, UK
- XXX Canadian Arthritis Network, Canada**
- Japan Society for the Promotion of Science, Japan
- Nuffield Foundation Oliver Bird Rheumatism Program, UK

International Research & Training Program Opportunity

Please indicate which of the following international opportunities would be available at your laboratory/clinic.

- Training Elective Rotation
- Research Mini-sabbatical**
- Industry Training Rotation



The International Research & Training Program will be available for trainee elective rotations and investigator mini-sabbaticals that commence on or before March 31, 2009. If you have any preferences regarding the dates when you can host an international trainee or investigator, please indicate this below.

Visit Length (please indicate start and end dates if known):	3 – 12 months
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Please provide ten key words and a brief description of the research currently being conducted in your laboratory/clinic, including descriptions of any specialized equipment, methods or technologies employed at your facility.

10 key words

1. sleep
2. pain assesments
3. sleep laboratory
4. ambulatory recordings
5. autonomic nervous system
6. experimental and clinical trials
- 7.
- 8.
- 9.
- 10.

Brief description (up to ½ page)

Our laboratory is fully equipped for sleep and pain interaction studies: sleep laboratory and ambulatory recordings.

Our main interest is respiration and cardiac interaction with poor sleep quality in chronic pain patients with investigation on genetic predictors.

We have major grants from Canadian Research agencies: CIHR, CFI, Canada Research Chair, FRSQ Pain Research network.

Key publications (maximum 5 publications)

Book :



Lavigne, G.J.; Soja, P.; Choinière, M.; Sessle, B. Pain & Sleep Interactions. IASP Press (International Association Study of Pain). 2007

Chapter:

Lavigne, G.J.; McMillan, D., Zucconi, M. Pain & Sleep. In : Kryger, H.M.; Roth T.; Dement, W.C., eds. Principles & Practice of Sleep Medicine. Philadelphia: Elsevier Saunders, 2005: 1246-1255.

Papers:

Raymond-Shaw, I.; **Lavigne, G.J.;** Mayer, P.; Choinière, P. Acute intravenous administration of Morphine perturbs sleep architecture in healthy pain free young adults: a preliminary study. *Sleep*. 2005; (28)6:677-682.

Lavigne, G.J., Brousseau, M., Kato, T., Mayer, P., Manzini, C., Guitard, F., Montplaisir, J.Y. Experimental pain perception remains equally active over all sleep stages. *Pain*, 2004; (110):646-655.

