

# Jean-François Roy

CONCORDIA UNIVERSITY • DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY •  
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## ACADEMIC BACKGROUND

**Concordia University**, Montréal, Québec

M.Sc. Chemistry candidate

Supervisor: Professor Ann M. English

September 2004 – Present

Project Title: Oxytocin as a Model to Study the Formation and the Decomposition of *S*-Nitrosothiols of Disulfides

**McGill University**, Montréal, Québec

B.Sc. Biochemistry

September 1998 – December 2001

## RELEVANT WORK EXPERIENCE

**Pharmascience**, Montréal, Québec

Analyst

Supervisor: Mustapha Kandil

May 2002 – August 2004

- Analytical method development (HPLC, headspace GC, AA) for the assay, content uniformity, dissolution, and degradation products of finished products as well as the impurities and residual solvents in raw materials
- Drug Master File investigation and redaction of different documents (methods, reports...)
- Assistance to technicians who validate the methods
- Analytical troubleshooting

**MethylGene Inc.**, Montréal, Québec

Summer student

Supervisor: Dr. James Wang

Summer 2001

- Pharmacokinetic studies of novel compounds
- Day-to-day operations on HPLC and HPLC-MS instruments
- Instrument maintenance and troubleshooting

**Avon Canada Inc.**, Montréal, Québec

Quality Control Technician

Supervisor: Stéphane St-Pierre

Summer 2000

- Quality control of raw materials and finished products
- Finished product stability

## ORAL PRESENTATIONS

- **J-F Roy**, M. N. Chrétien, A. M. English, Formation et Décomposition de S-Dinitrosothiols, To be presented at 74e congrès de l'ACFAS, May 2006, Montréal, Québec
- **J-F Roy**, M. N. Chrétien, A. M. English, Formation and Decomposition of S-Dinitrosothiols, 8<sup>th</sup> Annual Chemistry and Biochemistry Graduate Research Conference, November 2005, Montréal, Québec

## SPECIFIC TRAINING

- June 2003                      Agilent Technologies                      “Headspace GC Theory and Technology”
- March 2003                      Life Science Inc.                      “A New Generation of HPLC Columns to Reduce Analysis Time”

## APTITUDES AND QUALITIES

- **Great team worker**
- Excellent **diplomatic** and **communication** skills
- Great ability to work under pressure
- Highly energetic with a capacity to cope with the unexpected

## REFERENCES

Dr. Ann M. English  
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Dr. Yves Gélinas  
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