# Maïté Hanot


**Contact Information**

Nuclear Microprobe team
Lab Pierre Süe
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**Research Interests**

Radiobiology, low dose radiation, microbeam irradiation, bystander effect, reactive oxygen species, DNA damages.

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**Education**

**Paris XI University**, Paris, France

Ph.D. Research Scholar

- Dissertation topic: *Cell response study following microbeam irradiation.*
- Expected graduation date: October 2008.
- Advisors: Hicham KHODJA and Jaime ANGULO MORA.

**Henri Poincaré University**, Nancy, France

Master in Microbiology and Enzymology

- Molecular biology and genetics in microbiology.
- Molecular and structural enzymology.

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**Honours and Awards**

Price Joseph Maisin of the young researcher, awarded during the 8th International Symposium of Applied and Fundamental Radiobiology (CIRFA 2007).

Scholarship for deserves, Henri Poincaré University, Nancy, France, 2005.

Grant of Lorraine region (France) for international training period, 2005.

University Stock Market in mobility for international training period, Henri Poincaré University, Nancy, France, 2004.

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**Publications**

Khodja H., Daudin L., Hanot M., *et al.*: The LPS saclay single-ion microbeam facility. *Radiation Research,166:670-671, 2006.*

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**Oral Communications**

Hanot M., Daudin L., Carrière M., Gouget B., Hoarau J., Khodja H.: Subcellular irradiation using ions microbeam. Targeted/non-targeted effects and reactive oxygen species impact. 3rd meeting of Plasticity and Instability of Genomes (PIG3). Paris, France, November 2007.

Hanot M., Daudin L., Carrière M., Gouget B., Hoarau J., Khodja H.: Cell response study following to microbeam irradiation. 8th International Symposium of Applied and Fundamental Radiobiology (CIRFA 2007). La Londe Les Maures , France, September 2007. (Oral and Poster communications).

Hanot M., Daudin L., Hoarau J., Carrière M., Gouget B., Khodja H.: Microbeam line irradiation at the Pierre Süe laboratory. 6th Japan-France Workshop on Radiobiology and Isotopic Imaging. Paris, France, June 2006.

## Professional Experience

**Paris XI University**, Paris, France.

*PhD Student* **October, 2005 – present**

Perfected a device specifically devoted to radiobiology using microbeam technology, in close cooperation with the nuclear microprobe team. Accomplished protocols for irradiation procedure and image analysis allowing the identification of signaling pathways implicated in the appearance of non targeted effects.

**Wellcome Centre for Molecular Parasitology (INSERM U609)** , Glasgow, Scotland.

*Master degree training period* **February – August, 2005**

Biochemical characterization of two putative kinases implicated in the process of infection of human being by *plasmodium falciparum*, parasite of malaria.

**Regensburg University, Laboratory of Biochemistry III**, Regensburg, Germany.

*Master degree training period* **May – August, 2004**

Perfected genetic building for the systematic use of techniques using labelled recombinant proteins in the study of ribosomes biogenesis in *S. cerevisiæ*.

**Regional Hospital Complex, Parasitoloy and Mycology Laboratory**, Nancy, France.

**May – August, 2003**

Comparative study of four techniques (conventional and quantitative) of PCR for the diagnosis of the invasive pulmonary aspergillosis in human being.

## Computer Skills

- Image Analysis: ImageJ
- Publishing: LaTeX

## Referees

*Available on request.*