

## Agreement for international joint supervision of a thesis

between

The University Claude Bernard LYON 1, represented by the President, Lionel COLLET

and

Chiang Mai University, represented by the President, Pongsak ANGKASITH

relating to the joint supervision of the thesis of Ms Kuntida KITIDEE

The agreement for joint thesis supervision concerning Ms Kuntida KITIDEE enrolled at the Chiang Mai University on a doctorate course in compliance with the procedure of joint thesis supervision. (in application of the decree dated 6 January 2005 concerning the creation of a procedure for joint supervision of theses for institutions of higher education in France and abroad and the decree dated 6 March 2008 concerning the educational cooperation between Chiang Mai University and higher educational institutes).

### **Title 1 – Administrative procedure**

- 1-1 The enrolment in the jointly supervised doctoral thesis of Ms Kuntida KITIDEE in the doctoral school of the University Claude Bernard - LYON I and in Chiang Mai University will be valid for the 2008-2009 academic year. It will be renewed each year during the jointly supervised research work in both institutions.
- 1-2 Enrolment fees will be paid to Chiang Mai University by Ms Kuntida KITIDEE who will be exempted from the fees of the other contracting institution according to the chosen regulations.
- 1-3 For her registration, the doctoral student will have to produce all the written proof of address, income, social security and civil liability coverage in each of these countries.
- 1-4 Time spent preparing the thesis will be divided between the University Claude Bernard - LYON I and Chiang Mai University with alternate periods depending on the research progress.
- 1-5 For the time spent in France and for the defence, the doctoral student will benefit from the decree dated 7 august 2006 and the thesis regulations of the University Claude Bernard - LYON I.

## **Title 2 Teaching:**

2-1 Thesis work will be jointly supervised by:

- Mr (name, first name) BOULANGER, Pierre of the University Claude Bernard - LYON I

Title and function: Full Professor

Laboratory: Virology, Laennec School of Medicine

- Mr (name, first name) TAYAPIWATANA, Chatchai of Chiang Mai University

Title and function: Associate Professor; Head of Clinical Immunology Division

Laboratory: Division of Clinical Immunology, Department of Medical Technology, Faculty of Associated Medical Sciences (AMS) under the AMS-IRD URI 174/PHPT Franco-Thai Cooperation Program in Higher Education and Research entitled "Optimizing the prevention of mother to child transmission of HIV and the care for HIV infected infants and adults in Thailand".

And will be focused on: Interference of HIV-1 Gag polyprotein maturation by single chain Fv (scFv) intrabody in insect cells.

Working hypothesis:

The anti-p17 scFv intrabody will compete with the HIV-1-encoded PR for binding to its specific Gag substrate. Digestion of Gag substrate by the viral PR will be reduced or abolished in the presence of scFv intrabody, and this can be monitored *in vitro* and *in vivo*.

(provide some details).

2-2 When the doctoral student has to validate complementary trainings (scientific or professional), the institutions will specify the mutual recognition procedures, in agreement with the thesis supervisors and the doctorate students.

## **Title 3 –Oral examination**

3-1 The jury for the oral examination will consist of equal numbers of scientists from both institutions.

It must consist of at least four people and eight at the most and include both thesis supervisors.

3-2 The thesis will be written in English, followed by a substantial summary in French.

3-3 A single oral examination of the thesis will be required in English and will take place at Chiang Mai University. Both institutions will recognize the validity of the examination.

The University Claude Bernard - LYON I and Chiang Mai University simultaneously will award the candidate a Doctor's degree, as proposed by the jury.

The jury chairperson will write a defence report, signed by all the jury members.

The subject of the thesis must be protected, as well as its submission, identification and reproduction

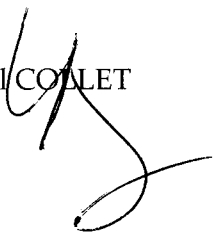
in compliance with the specific procedures applicable in each country involved in joint supervision of the doctorate.

3-4 After the oral examinations, the contracting institutions award the student simultaneous Doctor's degree from each country.

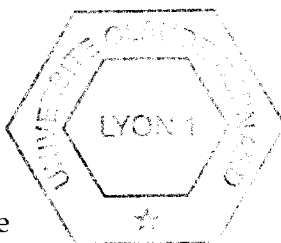
3-5 The diploma(s) will bear the mention of speciality or subject, thesis title or title of the main works, international joint supervision, names and titles of jury members and date of the oral examination

**For the University Claude Bernard Lyon 1**

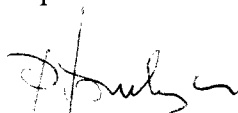
The President Lionel COMLET



(Date 21/05/2008 )

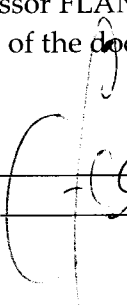


Professor BOULANGER, Pierre  
Joint thesis supervisor



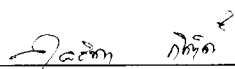
(Date 5 Dec 2008 )

Professor FLANDROIS, Jean-Pierre  
Head of the doctoral school



(Date 13/05/08 )

Ms Kuntida KITIDEE  
The doctoral student



(Date 6 June 2008 )

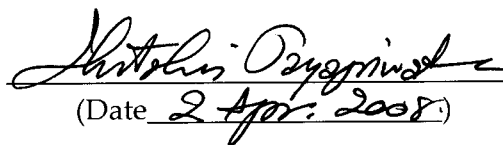
**For Chiang Mai University**

The President, Pongsak ANGKASITH



(Date Apr. 9, 2008 )

Assoc. Prof. TAYAPIWATANA, Chatchai  
Joint thesis supervisor



(Date 2 Apr. 2008 )

Asst. Prof. Dr. Audomsark Haesungcharern  
Dean, Faculty of Associated Medical Sciences



(Date 2 Apr. 2008 )