



UNIVERSITAS UDAYANA



Université
de Liège

LETTER OF INTENT

BETWEEN

PRIMATE RESEARCH CENTER, UDAYANA UNIVERSITY, BALI, INDONESIA

AND

PRIMATOLOGY RESEARCH GROUP OF THE BEHAVIOURAL BIOLOGY UNIT, UNIVERSITY OF
LIEGE, BELGIUM

STERILIZATION PROGRAMME, DEMOGRAPHIC AND BEHAVIORAL MONITORING OF LONG-TAILED MACAQUES IN MONKEY FOREST UBUD

1. INSTITUTIONS

The Primate Research Center, University of Udayana (UNUD), Bali, Indonesia,

AND

The Primatology Research Group of the Behavioural Biology Unit, University of Liège (ULg),
Belgium,

hereinafter referred to as the "Parties";

HAVE AGREED on the implementation of the "Sterilization Programme, Demographic and Behavioral Monitoring of Long-tailed Macaques in Monkey Forest Ubud", based upon the current Memorandum of Understanding (MOU), as follows:

2. PURPOSES OF THIS LETTER OF INTENT

Considering their common interest in promoting the mutual cooperation for academic and educational purposes, as defined in their MOU, this Letter of Intent aims to define the terms and objectives of the collaboration in **the "Sterilization Programme, Demographic and Behavioral Monitoring of Long-tailed Macaques in Monkey Forest Ubud"**.

3. SPECIFIC GOALS OF THE COLLABORATIVE PROGRAMME

1. Academic collaboration for sterilization of reproductive macaques in Monkey Forest Ubud, in order to help controlling the population growth at this site, and hence improve the macaques' living conditions. The surgical procedures include female endoscopic tubectomy, and male vasectomy. In its initial phase (first year), the programme will focus on female endoscopic tubectomy.
2. Long-term and comprehensive demographic and behavioral surveys of this population before, during and following the sterilization programme, in order to assess the efficiency and the impacts of the intervention. It includes the mutual supervision and administrative support of doctoral, graduate, and undergraduate students.
3. Educational, teaching (seminar and workshop), and training activities during visits of the University of Liège team in the fields of veterinary sciences (training on surgical techniques), ethology (observational sampling techniques) and primatology (behaviour, demography, ecology, physiology).

4. PARTNERSHIP

The specific partners involved in this programme are:

- The Faculty of Veterinary and the Primate Research Center from UNUD: Dr. I Nengah Wandia, and Dr. IG. A. Arta Putra, Dr. I Gede Soma, Dr. I Ketut Suatha, Dr. Sri Kayati Widyastuti, Dr. Aida LT. Rompis, Watiniasih, PhD, and their graduate and undergraduate students.
- The Direction Committee of the Monkey Forest Ubud: Mr. Nyoman Buana and the Management staff.
- The Faculty of Sciences, Primatology Research Group of the Behavioural Biology Unit from ULg: Dr. Fany Brotcorne, Dr. Marie-Claude Huynen, Dr. Roland Polet, Prof Pascal Poncin, and their doctoral and graduate students (Humphrey Nelissen, Fanny Cloutier, Damien Broens, Sophie Delooz, and Chloé Cambier – additional students may be included in the programme afterwards).
- The Faculty of Veterinary Medicine from ULg: Dr. Stefan Deleuze (Obstetric and Reproduction Pathology), Dr. Annick Linden (Wildlife Health and Pathologies Unit), and Dr. Jean-Luc Hornick (Department of Animal Production), and their doctoral and graduate students.

Supervisors (Principal Investigators) from both parties appointed for this programme are:

- Dr. I Nengah Wandia for Primate Research Center, UNUD
- Dr. Fany Brotcorne for Primatology Research Group of the Behavioural Biology Unit, ULg

5. SCHEDULE FOR THE SPECIFIC ACTIVITIES

The sterilization and monitoring programme, and the appended research activities (demographic and behavioral surveys) are planned over the next three years (2017-2020). Four sterilization campaigns are planned over the first year: April 2017; August 2017;

December 2017; April 2018. Adjustment campaigns will be conducted over 2018-2020, terms depending on the success of the first year campaigns.

Educational activities including lectures, seminars, and workshops, will be conducted between both parties in Bali in April 2017, and during the following campaigns.

6. INTELLECTUAL PROPERTY RIGHTS AND PUBLICATIONS

All publications resulting from this programme and appended research activities will be published under co-authorship of both parties, providing their mutual agreement.

7. BUDGET AND MATERIAL PROPERTY

ULg contributes to the funding of the programme via grant applications for field/travelling costs of the ULg partners, and via its contribution to the writing of grant applications in collaboration with UNUD and Monkey Forest Ubud to cover equipment purchase.

The veterinary and research equipment purchased under the collaborative funding proposals will remain the property of the Principal Investigator (PI) who receives the funds from each grant application.

1) In case ULg is the PI obtaining the funds, the material will remain the property of ULg, and, if the terms of the grant (amount of money and regulations) allow it, the equipment could remain in Indonesia to allow the UNUD-Monkey Forest team to run the sterilization programme in the long term, as long as the ULg team can be part of this continued research.

2) In case UNUD-Monkey Forest Ubud are the PI obtaining the funds, the material will be the property of UNUD-Monkey Forest Ubud. In this case, in counterpart of the ULg help in writing collaborative grants for UNUD-Monkey Forest Ubud, the same agreement of continued collaboration in research between ULg and UNUD would hold.

Two complementary objectives are thus pursued through this programme: making the UNUD-Monkey Forest Ubud independent at term for the endoscopic sterilization technique, while ensuring a continued collaboration in research between ULg and UNUD.

The Monkey Forest Ubud and Padangtegal village committee ensure a part of the funding of the programme for setting up infrastructures, equipment and supplies purchase. Veterinary and research equipment purchased under the Monkey Forest Ubud funding will remain the property of the Monkey Forest Ubud.

Veterinary and research equipment listed in the Certificate of Donations will be donated by the Primatology Research Group (ULg) to the Primate Research Center (UNUD) or to the Monkey Forest Ubud, as defined in each Certificate.

Veterinary and research equipment purchased in Belgium and temporarily imported in Indonesia will remain the property of the ULg.

8. TERM

This Letter of Intent is effective from the 02/03/2017 until the 07/01/2021, in conformity with the terms of the MOU.

Date: March 2nd 2017

Supervisors' signature:

I Nengah Wandia

A handwritten signature in black ink, appearing to be 'I Nengah Wandia', written in a cursive style.

Fany Brotcorne

A handwritten signature in black ink, appearing to be 'Fany Brotcorne', written in a cursive style with a prominent horizontal stroke at the end.



UNIVERSITY OF UDAYANA



Université
de Liège

**MEMORANDUM OF UNDERSTANDING
BETWEEN
UNIVERSITY OF UDAYANA (UNUD), INDONESIA
AND
UNIVERSITÉ DE LIÈGE, BELGIUM**

This Memorandum of Understanding (MOU) is entered into by and between:

THE UNIVERSITY OF UDAYANA hereinafter referred to as “UNUD”, a State University, having its registered office at Kampus Bukit Jimbaran, Bali, Indonesia, represented by the Rector, Professor Ketut Suastika, MD and shall include its lawful representatives and permitted assigns of the first party.

And

UNIVERSITÉ DE LIÈGE, hereinafter referred to as “ULg”, a State University, having its registered office at Place du 20-Août, 7, 4000 Liège, Belgium, represented by the Rector, Prof. Albert Corhay and shall include its lawful representatives and permitted assigns of the second party.

The University of Udayana (UNUD) and Université de Liège, hereinafter referred to as the “Parties”;

Considering their common interest in promoting the mutual cooperation in the area of education and research;

Desiring to expand the basis for academic and educational cooperation; and

Pursuant to the prevailing laws and regulations in their respective countries, as well as the procedures and policy of the Government of Indonesia and the Government of Belgium concerning academic and educational cooperation;

HAVE AGREED as follows:

**ARTICLE I
OBJECTIVE**

The objective of this Memorandum of Understanding is to develop academic and educational and administrative cooperation on the basis of equality and reciprocity and to promote relations and foster mutual understanding between the Parties. The Parties will encourage direct contact and cooperation between their faculty and administrative staff, departments and research institutions.



ARTICLE II SCOPE OF COOPERATION

The Parties undertake to promote and develop academic cooperation in the following ways:

1. Visit by, and exchange of graduate and undergraduate students for study and research;
2. Visit and exchange of faculty for research, teaching and discussion, including administrative support;
3. Exchange of information, including, but not limited to, exchange of library materials and research publications; and
4. Joint research activities
5. Common organization of conferences, seminars, symposiums, etc.
6. Development and promotion of other academic cooperation as mutually agreed.

ARTICLE III Methods of Cooperation

The Parties recognize that the development and implementation of each program based upon this MOU will need to be negotiated and agreed upon by both parties under a separate agreement ("Letter of Intent/Project Document") prior to the initiation of the particular program which carry out these activities in accordance with the laws and regulations of the respective countries.

1. In every Letter of Intent/Project Document, the parties intend that the following topics will be considered and, if applicable, dealt with by mutual consent: aims, duration, results, input, budget, management, publication, and intellectual property rights. Both parties intend to appoint supervisors responsible for the formulation and implementation of the program or project.
2. Elaboration of the responsibilities of each institution for the agreed upon activities;
3. Schedules for the specific activity;
4. Budgets and sources of financing for each activity; and
5. Any other items deemed necessary for the efficient management of the activity.

ARTICLE IV FINANCIAL ARRANGEMENT

1. The Parties acknowledge that all financial arrangements for a proposed collaboration activity must be negotiated in advance, and will at all times be dependent on the availability of funds.
2. The Parties further acknowledge that, subject to any contrary directive contained in a funding proposal that is jointly secured by the Parties, no portion of any grant or funding received by either the University of Liège or UNUD (including graduate student support) is permitted to be dispersed to the other Party.

ARTICLE V INTELLECTUAL PROPERTY RIGHTS AND DISCLOSURE OF INFORMATION

1. If either Party wishes to disclose confidential data and/or information resulting from the cooperative activities under this Memorandum of Understanding to any third party, the disclosing Party must obtain prior consent from the other Party before any disclosure can be made; and



UNIVERSITY OF UDAYANA



2. Any arrangement arising from this Memorandum of Understanding involving intellectual property rights pertaining to research, publication, and/or commercial purposes shall be determined by specific arrangements to be agreed upon by the Parties at the time and included in a formal agreement.

ARTICLE VI SETTLEMENT OF DIFFERENCES

Any differences arising out of the interpretation and/or the implementation of this Memorandum of Understanding shall be resolved amicably through consultation and/or negotiation by the Parties.

ARTICLE VII TERM and AMENDMENT

This Memorandum of Understanding may be amended at any time, by mutual written consent of the Parties. Such amendment shall come into effect on the date as may be determined by the Parties and shall form an integral part of this Memorandum of Understanding.


ARTICLE VIII ENTRY INTO FORCE, DURATION AND TERMINATION

1. This Memorandum of Understanding shall enter into force on the date of its signing.
2. This Memorandum of Understanding shall be valid for a period of 5 (five) years, (2016/7/1 to 2021/7/1) unless it is terminated at any time by either Party by giving written notification to the other Party 6 (six) months in advance.
3. The termination of this Memorandum of Understanding shall not affect the validity and duration of any on-going projects or activities until the completion of such projects or activities.


IN WITNESS WHEREOF, the undersigned have signed this Memorandum of Understanding.

Signed on behalf of
University of Udayana,

Signed on behalf of
Université de Liège,



Professor Ketut Suastika, MD
Rector



Prof. Alber Corhay
Rector



02 SEP. 2016