

**MEMORANDUM OF UNDERSTANDING
FOR ACADEMIC AND SCIENTIFIC COOPERATION**

Between

**The Regents of the University of Michigan on behalf of the
Department of Materials Science and Engineering
University of Michigan College of Engineering**

and

**The National Veterinary Research and Quarantine Service, Ministry for Food,
Agriculture, Forestry and Fisheries, the Republic of Korea**

The Regents of the University of Michigan on behalf of the Department of Materials Science and Engineering, University of Michigan, College of Engineering, Ann Arbor, Michigan, USA, hereinafter referred to as "MSE" and the National Veterinary Research and Quarantine Service, Ministry for Food, Agriculture, Forestry and Fisheries, Republic of Korea, hereinafter referred to as "NVRQS" hereby affirm their mutual interest in, and desire to broaden, cooperative research programs and exchanges.

ARTICLE I

Purpose of Cooperation

The purpose of this Agreement is to promote cooperation in engineering and scientific research between the Department of Materials Science Engineering, University of Michigan College of Engineering and the National Veterinary Research and Quarantine Service, Ministry for Food, Agriculture, Forestry and Fisheries, the Republic of Korea. The purpose of these cooperative research programs and exchanges is to work together toward common goals of mutual interest, to develop mutual understanding and to efficiently administer cooperative programs. This understanding is not to interfere in any way with the institutional responsibilities and authority of the Parties.

ARTICLE II

Areas and Scope of Cooperation

Through this memorandum, both Parties affirm the value of international collaboration and agree to promote the following activities:

1. The two parties agree to develop collaborative programs in areas of mutual interest and recognize the importance of practical first steps based on a definition of shared institutional priorities for research and program development.
2. The Parties agree to implement collaborative research through faculty and technical specialist exchanges. The initial fields of collaborative research will include Biosensor and Biochip development and its application to Veterinary Science.
3. The Parties will, when possible and with mutual consent, invite other interested public agencies and the scientific and business communities of both countries to participate in cooperative programs.

ARTICLE III

Forms of Cooperation

All cooperative activities under this Agreement are subject to the availability of funding, personnel and resources.

This Agreement places no commitment of resources or personnel nor does it require either Party to enter into any contract or other financial obligations or supplementary funding commitments. These activities will be defined through separate program agreements that detail the commitment of resources (financial or otherwise) required by each Party. Activities should not involve the transfer of funds between the Participants, except to the extent that they describe future compensation for goods or services provided.

Subsequent implementing agreements should include the following information, as appropriate:

1. Designation of the lead scientist for each Party;
2. A statement of the objectives of the program or project including a description of the program activities and a timeline of the research including milestones;
3. A list of supplies and facilities each Party expects to commit;
4. Statement of the total approved budget;
5. The financial mechanism by which the transfer of funds, if appropriate, will take place;
6. Administrative mechanism(s) necessary for the implementation of the cooperative project;

7. What assistance will be facilitated by the hosting Party for the visiting researcher(s) including, if appropriate, visa support, accommodation, maintenance allowance, etc.;
8. Assistance for obtaining data which are necessary for implementation of the cooperative projects;
9. Assistance of validation test for products which are produced by cooperative projects;
10. Assistance for obtaining customs clearance on decided items of supplies and equipment imported to other countries; and
11. Other assistance, as mutually determined.

ARTICLE IV

General Provisions

It is mutually understood by the Parties that:

1. All activities under this Agreement should be carried out in strict adherence to the laws and regulations of the Republic of Korea and the United States of America.
2. Outlines covering goals and objectives, working plans, research methodologies, and procedures may be prepared jointly.
3. This Agreement in no way restricts either Party from participating in similar activities or arrangements with other public or private agencies, organizations, or individuals.
4. Reciprocal visits by MSE and NVRQS scientists may be encouraged or planned in order to establish new research collaborations and/or plan for additional long-term exchanges.
5. The Parties acknowledge that this Agreement does not constitute, create, give effect to, or otherwise imply a combined venture, pooling arrangement, partnership or organization of any kind.
6. This Agreement is not intended to, and does not create any right, benefit, or trust responsibility, substantive or procedural, enforceable at law or in equity, by a party against the United States and Republic of Korea, their agencies, officers, or any person.
7. The Parties should attempt to resolve any dispute regarding the implementation or interpretation of this Agreement through friendly and timely consultations.

ARTICLE V
Coordinating Offices

Under this Agreement, the designated coordinating offices will be the Department of Materials Science and Engineering and/or Division of Research and Development and Administration of the University of Michigan and the Planning and Coordination Division of NVRQS.

ARTICLE VI
Effective Date, Amendments, Validity and Termination

Cooperation under this Agreement may commence from the date of signature by the Parties. It shall remain valid for a period of five (5) years from the date of the last signature, with the understanding that it may be modified by written mutual consent of both Parties. This Agreement shall be reviewed in its final year and may be extended for another five-year period by mutual written agreement of the parties. This Agreement may be terminated by either Party with advance written notice of at least six (6) months, with the understanding that the Parties should continue to work together to conclude specific cooperative projects already in progress.

<p>For The National Veterinary Research and Quarantine Service, Ministry for Food, Agriculture, Forestry & Fisheries, Republic of Korea</p> <p><i>Gab Soo Chung for</i></p> <p>Joo-Ho Lee, DVM., PhD. Director General</p> <p>Date <i>Nov 9 2010</i></p>	<p>For The Regents of the University of Michigan, the United States of America</p> <p>Elaine L. Brock, Senior Associate Director, Division of Research Development and Administration</p> <p><i>Elaine L. Brock</i> <i>Nov 9, 2010</i></p> <p>David C. Munson, Jr. Dean of College of Engineering</p> <p><i>David C. Munson, Jr.</i></p> <p>Date <i>11/09/2010</i></p>
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