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UNIVERSITI  
MALAYA



Memorandum of Understanding for Academic Cooperation

Between

UNIVERSITI MALAYA

Kuala Lumpur, Malaysia

and

KARPAGAM ACADEMY OF HIGHER EDUCATION

Coimbatore, Tamil Nadu, India

Whereas Universiti Malaya, a university established under the laws of Malaysia and having an address at Lembah Pantai, 50603 Kuala Lumpur (hereinafter referred to as "UM") and Karpagam Academy of Higher Education, a deemed to be University established under the UGC act of India and having an address at Eachanari, Coimbatore 641 021, Tamil Nadu, India (hereinafter referred to as "KAHE") seeking to improve understanding between their respective academic institution and to establish mutually beneficial collaborations benefiting their students, have agreed to sign this Memorandum of Understanding (hereinafter referred to as the "MoU") as a first step toward achieving these shared goals.

NOW THEREFORE PURSUANT THERETO, the Parties hereby agree as follows:

I. SCOPE AND FIELDS OF ACADEMIC COOPERATIONS

- (1) The Parties hereby agree to implement within the framework of the rules and regulations applicable in each of the institutions and subject to availability of funds and resources, the following programmes and activities, which may include, but not limited to:
- (a) Exchange of professors, research scholars and staff;
  - (b) Exchange of undergraduate and graduate students;
  - (c) Exchange of scientific data, samples, specimen and information;
  - (d) Collaborative activities such as joint research, lectures, symposia, publication of scientific paper; and



28/12/19



- (e) Sharing of other activities and programmes in areas of mutual interest, where such sharing shall result in benefit to both Parties.
- (2) It is agreed that the terms and conditions of any agreed programme and activity contemplated in this MoU shall be the subject matter of separate written binding agreements to be negotiated and agreed upon by both Parties and/or any third parties, wherever applicable. PROVIDED ALWAYS the decision whether to initiate and/or implement any programme or activity prior to entering into the separate written agreement shall be at the sole discretion of each Party.
- (3) The Parties agree to designate, on behalf of each institution, a coordinator whose responsibility will be to supervise the execution of this MoU and to draw up a programmes or activities to be implemented under this MoU, setting out specific provisions concerning the exchange programmes, budget requirements and details of funding. For this purpose, the coordinator for UM is Prof. S. Vikineswary, Mushroom Research Centre (MRC) and for KAHE is Dr. L. Hariprasath, Department of Biochemistry.

## 2. FINANCIAL ARRANGEMENTS

- (1) The Parties acknowledge that in the absence of any specific agreement in writing to the contrary, each Party will be responsible for its own costs and expenses in establishing and conducting programmes and activities contemplated under this MoU, including without limitation its own costs and expenses in travel and accommodation.

## 3. JOINT PROPERTY

- (1) The protection of intellectual property rights shall be enforced in conformity with the respective national laws, rules and regulations of the Parties and with other international agreements signed by both parties.
- (2) The use of the name, logo and/or official emblem of one Party by the other on any publications, document and/or paper is prohibited without the prior written approval of the Parties.
- (3) Notwithstanding anything in clause 3 (1) above, the intellectual property rights arising from in connection with any programme or activity under this MoU, carried out-
  - (i) jointly by the Parties or research results obtained through the joint activity



- effort of the Parties in accordance with the terms to be mutually agreed upon; and
- (ii) solely and separately by one Party or the research results obtained through the sole and separate effort of one Party, shall be solely owned by the Party concerned.

#### 4. CONFIDENTIALITY

- (1) The Parties agree and undertake to keep confidential at all times any information or data that may be exchanged, acquired or shared in connection with any programme or activity conducted pursuant to this MoU.
- (2) The obligation of confidentiality contained in this MoU shall not apply to any Confidential Information which:
  - (i) has been made public by the Disclosing Party or by others with the permission of the Disclosing Party;
  - (ii) is independently received from a third party who is free to disclose it;
  - (iii) is in the public domain or is a compilation of material in the public domain.

#### 5. DURATION AND TERMINATION

- (1) This MoU shall take effect from the last signature date on this MoU and shall continue to be effective for a period of five (5) years and may be extended for such further period as may be agreed by the Parties in writing.
- (2) Notwithstanding clause 5 (1) above, this MoU may be terminated by either Party giving written notice to the other at least six (6) months prior to the proposed date of termination.
- (3) Notwithstanding clause 5 (2) above, the provisions of this MoU or any other written agreement in respect of any on-going exchange programme or any other form of cooperative activity under this MoU shall continue to apply until their completion unless both Parties mutually agree in writing to the earlier termination of the programme or cooperative activity.

#### 6. NOTICE

- (1) Every notice, request or any other communication required or permitted to be given pursuant to this MoU shall be in writing, in the English language and delivered personally or sent by registered or certified post via air mail or by courier or



facsimile (which shall be acknowledged by the other Party) to the Parties at the address and facsimile number as stated below:

- (a) **If to UM:** Mushroom Research Centre, Universiti Malaya  
Fungal Biotech Lab, Institute of Biological Sciences  
Faculty of Science, Universiti Malaya  
50603 Kuala Lumpur, Malaysia
- Attention: Prof. Dr. S. Vikineswary  
Fax No: +603 7967 6703  
Email: [viki@um.edu.my](mailto:viki@um.edu.my)
- (b) **If to KAHE:** Department of Biochemistry  
Karpagam Academy of Higher Education  
Eachanari Post, Coimbatore – 641 021, Tamil Nadu, India
- Attention: Dr. L. Hariprasath  
Fax no: +91-422-2980022, 23  
Email: [haciprasath.l@kahedu.edu.in](mailto:haciprasath.l@kahedu.edu.in)

7. **SETTLEMENT OF DISPUTES**

Any difference or dispute between the Parties concerning the interpretation and/ or implementation and/or application of any of the provisions of this MoU shall be settled amicably through mutual consultation and/or negotiations between the parties, without reference to any third party.

8. **MISCELLANEOUS**

- (1) This MoU may be modified, varied or amended at any time after due consultation and with the written agreement of both Parties.
- (2) The Parties acknowledge that all visits or exchange of staff, students or administrators will be subject to compliance with the entry and visa regulations of Malaysia and India and with the respective Party's requirements with respect to staff and student visits.
- (3) This MoU is not intended to be legally binding. It merely expresses the intentions and understanding of the Parties which will form the basis of any legally binding agreement to be drafted and executed in the future.

- (4) The Parties hereby agree that they are not bound exclusively by this MoU and shall be at liberty to enter into any separate agreements or arrangements with any third party without reference to the other Party.

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IN WITNESS THEREOF, the Parties have caused this MoU to be executed by their duly authorised representatives.

For and on behalf of  
UNIVERSITI MALAYA



Datuk Ir. (Dr.) Abdul Rahim Hashim  
Vice-Chancellor

Date: 21 OCT 2019

In the presence of:



Prof. Dr. Ismail Yusoff  
Dean, Faculty of Science

For and on behalf of  
KARPAGAM ACADEMY  
OF HIGHER EDUCATION



Prof. Dr. S. Sudalaimothu  
Vice-Chancellor

Date: 4 NOV 2019

In the presence of:



Prof. Dr. M. Palaniswamy  
Dean, Faculty of Arts, Science & Humanities



# ANNEX 1

Key research areas\* / Collaborative projects to be undertaken by MRC / UM and Department of Biochemistry / KAHE (FM: Faculty of Medicine, FS: Faculty of Science, ISB: Institute of Biological Sciences)

No	Key Areas / Projects	Project Coordinator	Centre / Faculty
1	Functional mycochemicals from mushrooms	<ul style="list-style-type: none"> <li>Dr. Phan Chia Wei</li> <li>Dr. L. Hariprasath</li> <li>Prof. S. Ravi</li> </ul>	<ul style="list-style-type: none"> <li>MRC/Faculty of Pharmacy</li> <li>Dept. of Biochemistry/KAHE</li> </ul>
2	Germplasm resource of edible and medicinal fungi	<ul style="list-style-type: none"> <li>Assoc. Prof. Dr Tan Yee Shin</li> <li>Dr. R. Radhakrishnan</li> </ul>	<ul style="list-style-type: none"> <li>MRC/FS, ISB</li> <li>Dept. of Microbiology/KAHE</li> </ul>
3	Cultivation techniques	<ul style="list-style-type: none"> <li>Prof Dr. S. Vikineswary</li> <li>Dr. R. Usha</li> </ul>	<ul style="list-style-type: none"> <li>MRC/FS, ISB</li> <li>Dept. of Microbiology/KAHE</li> </ul>
4	Mushrooms for bone health	<ul style="list-style-type: none"> <li>Dr. Kah Hui Wong</li> <li>Dr. M. Sridhar Muthusami</li> <li>Dr. K. Devaki</li> </ul>	<ul style="list-style-type: none"> <li>MRC/FM, Anatomy</li> <li>Dept. of Biochemistry /KAHE</li> </ul>
5	Mushroom nanotechnology	<ul style="list-style-type: none"> <li>Prof. Dr. Murali Naidu</li> <li>Assoc. Prof. Dr. P. Vengadesh</li> <li>Dr. D. Selvakumar</li> </ul>	<ul style="list-style-type: none"> <li>MRC/FS, Dept of Physics</li> <li>MRC/FM, Anatomy</li> <li>Dept. of Biochemistry /KAHE</li> </ul>
6	Anticancer activities of mushrooms (In vitro and In vivo)	<ul style="list-style-type: none"> <li>Assoc. Prof Dr. Nurhayati Zainal Abidin</li> <li>Dr Lau Beng Fye</li> <li>Dr. M. Sridhar Muthusami</li> <li>Dr. K. Poornima</li> </ul>	<ul style="list-style-type: none"> <li>MRC/FS, ISB</li> <li>Dept. of Biochemistry /KAHE</li> </ul>
7	Mushrooms for Diabetes & Cardiovascular Health	<ul style="list-style-type: none"> <li>Prof. Umah Rani Kuppusamy</li> <li>Ms. Siti Marjiana Ismail</li> <li>Dr. K. Devaki</li> </ul>	<ul style="list-style-type: none"> <li>MRC/FS, ISB</li> <li>MRC/FM, Dept of Biomedical Science</li> <li>Dept. of Biochemistry /KAHE</li> </ul>
7	Mushroom toxicology (In vivo)	<ul style="list-style-type: none"> <li>Assoc. Prof. Dr. Rosie Pamela David</li> <li>Dr. L. Hariprasath</li> </ul>	<ul style="list-style-type: none"> <li>MRC/FM, Anatomy</li> <li>Dept. of Biochemistry /KAHE</li> </ul>
8	In silico, docking studies mycochemicals (Bioinformatics)	<ul style="list-style-type: none"> <li>Assoc. Prof. Dr Teoh Teow Chong</li> <li>Prof. T. Sivaraman</li> </ul>	<ul style="list-style-type: none"> <li>MRC/FS, ISB</li> <li>Dept. of Biotechnology /KAHE</li> </ul>

\*Not limited to these topics



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