



# **DYNAMEID Program: International academic and research collaborations**

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ASAIHL

# A few words about ASAIHL





# ASAIHL

**ASAIHL: Association of Southeast Asian Institutions of Higher Learning**

**Oldest academic association in South East Asia: 1956**

**Promotes the development of academic exchange among Southeast Asian countries**

**1973: UNESCO Consultative status**

**2005: Assisted the creation of the CUPT-CRISU annual meeting**



# ASAIHL today

**Beyond Southeast Asia**

**International society**

**245 members in 26 countries (Asia, Pacific, Europe, North America)**

**Promotion of international actions within SEA and between SEA and other continents**

**Two annual meetings**

**Specific conferences**

**ASAIHL Mundus Master program**

# Latest ASAIHL meetings

2023 ASAIHL Conference to be held at the end of 2023 – Vietnam ? Indonesia ?

2023 ASAIHL Conference will be convened in Japan (9-11 June 2023)

2022 ASAIHL Conference on Academic Integrity in the 21<sup>st</sup> Century in Sukhothai, Thailand ( 7-10 November 2022)

2022 ASAIHL Conference on Bridges for Science and Education in Warsaw, Poland (26-28 June 2022)

2022 Online Conference on Emerging Diseases: A Threat to the Human Society in Selangor, Malaysia (26-27 January 2022)

2021 International Postgraduate Conference on “Striving for a Successful Postgraduate Research” Surabaya (11-13 Nov 2021)

2021 Online ASAIHL Conference on Teaching Innovation and Distance Learning in Montpellier, France (28-30 June 2021)

2020 Online General Conference and Board Meeting on 15 December 2020 followed by four keynote addresses

2020 ASAIHL Online World Congress on COVID-19: the Global New Reality on 28 May 2020 (2,000 registered participants)

2019 ASAIHL Conference on Revitalizing Higher Education for Sustainable development in Colombo, Sri Lanka (8-10 December 2019)

2019 ASAIHL Conference on Reconfiguring Universities for the Future in Manila, Philippines (25-27 July 2019)

## INVITATION

We accordingly invite you to participate in the ASAIHL Conference 2022, Selangor Malaysia to be held virtually on 15-16 March 2022

## WHO SHOULD ATTEND?

Pathologist, Medical Officer, Academician, Laboratory Manager, Scientific Officer, students and other healthcare professional who are interested.

## REGISTRATION

Admission is **FREE**

Scan here for registration  
Due date : 1 March 2022



1<sup>ST</sup>  
Announcement



# ASAIHL CONFERENCE 2022 SELANGOR, MALAYSIA

*"Emerging Infectious Diseases: A  
Recurrent Threat to Human Society"*

15-16 March 2022  
Universiti Putra Malaysia

## Enquires

Further and latest information can be found at  
<https://conference.upm.edu.my/myasaihl>

Please email any inquiries to:  
[myasaihl@upm.edu.my](mailto:myasaihl@upm.edu.my)

facebook.com/UniPutraMalaysia

@uputramalaysia

instagram.com/uniputramalaysia

youtube.com/user/bppupm



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WITH KNOWLEDGE WE SERVE

- Omicron and SARS-CoV-2 variants: Can vaccines and treatments stop the pandemic?
- What do we really know about emerging infectious diseases?
- Antimicrobial usage: Now and Future



# **ASAIHL Mundus**

**A multilateral International Master  
Program under the umbrella of ASAIHL**



**After the model of Erasmus Mundus Joint Master Degree (EMJMD)**

**What is an EMJMD?**



# EMJMD

## Erasmus Mundus Joint Masters Degree Program

*Study in Europe!*



## What is an EMJMD?

Erasmus Mundus **Joint** Master Degree (EMJMD)

developed and delivered by a consortium of universities (HEIs)

350+ courses (different academic disciplines)

accepts applications and carry out selection (approx. 30 students with full scholarships)

at least four invited scholars/guest lecturers

awards a joint degree (accredited by all consortium universities)



# *A true international program*

**Build a consortium around the topic**

**Partners provide their best sessions to the topic**

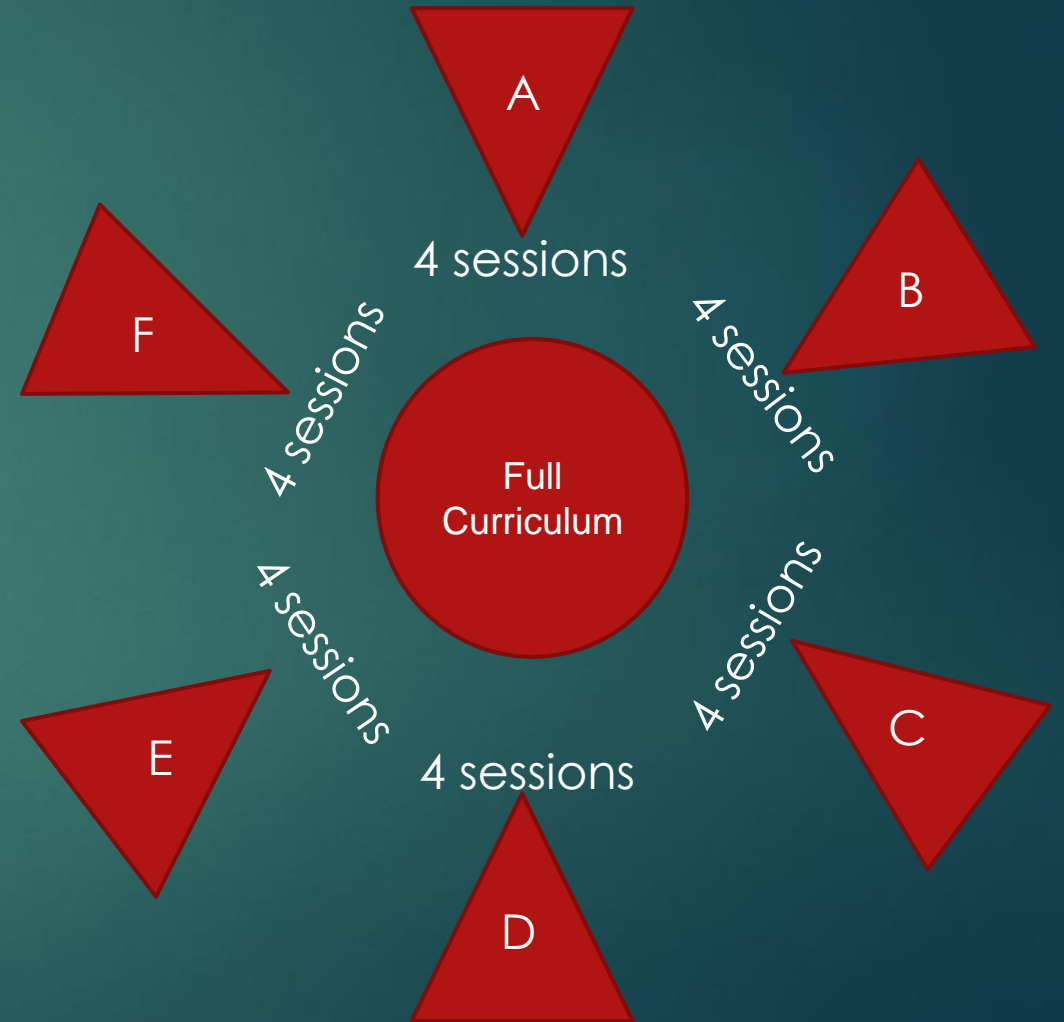
**True international curriculum**

**Original**

**Regional impact**

**No asymmetry**

**Same level regardless of place of registration**





# **DYNAMEID**

## **Dynamic of Emerging Infectious Diseases**

**The first ASAIHL Mundus Master curriculum**

# DYNAMEID

## Five partner universities

University of Montpellier (France): Faculty of Pharmacy

Universitas Gadjah Mada (Indonesia): Faculty of Medicine, Public Health and Nursing

University Putra Malaysia (Malaysia): Faculty of Medicine

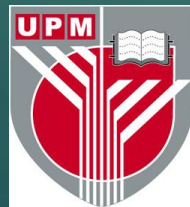
University of Warsaw (Poland): Faculty of Biology

Mahidol University (Thailand): Faculty of Medicine-Ramathibodi Hospital

## ASAIHL

## One joint syllabus

## 4 to 6 teaching sessions per partner over two years



## 1st Semester

Core	TU 01	S1& S2	Bibliographic survey	25	Rosliza Abdul Manaf (rosliza_abmanaf@upm.edu.my)
	TU 02	S1	Biostatistics	50	François Boutin (francois.boutin@umontpellier.fr)
	TU 03	S1	Cell and Molecular Biology	50	Nik Mohd Afizan Nik Abd. Rahman (m.afizan@upm.edu.my)
	TU 04	S1	Genomes and evolution	25	Emmanuel Cornillot (emmanuel.cornillot@umontpellier.fr)
	TU 05	S1	Genetics	50	Magdalena Markowska (markosia@biol.uw.edu.pl)
	TU 06	S1	Molecular determinism of infectious diseases	50	Robert Zumbihl (robert.zumbihl@umontpellier.fr) Yannick Simonin (yannick.simonin@umontpellier.fr)
	TU 07	S1	Methods in Research	25	Magdalena Markowska (markosia@biol.uw.edu.pl)
	TU 08	S1	Disease control policies	25	Yodi Mahendradata (yodi_mahendradhata@yahoo.co.uk)

## 2nd Semester

Core	TU 09	S2	Biobanking	50	Jajah Fachiroh (jajahfachiroh@ugm.ac.id)
	TU 10	S2	Emerging and re-emerging bacterial infectious diseases	25	Pitak Santanirand (pitak.san@mahidol.ac.th)
	TU 11	S1& S2	Bibliographic survey	Continuation of S1 25	Rosliza Abdul Manaf (rosliza_abmanaf@upm.edu.my)
	TU 12	S2	Integrated laboratory approaches in infectiology	50	Pitak Santanirand (pitak.san@mahidol.ac.th)
	TU 13	S2	Bioinformatics and DMICS	25	Chee Hui Yee (cheehy@upm.edu.my)
Elective	Option 1	S2	Physiology of microbes	25	Magdalena Markowska (markosia@biol.uw.edu.pl)
	Option 2	S2	Entomology and vector-borne diseases	25	Sylvie Manguin (sylvie.manguin@ird.fr)
	TU 16	S2	Internship	100	Roger Frutos (roger.frutos@cirad.fr) Pitak Santanirand (pitak.san@mahidol.ac.th) Paulina Uznanska (p.uznanska@wpia.uw.edu.pl)

<b>Core</b>	TU 17	S3	Modeling and databases	50	Magdalena Markowska (markosia@biol.uw.edu.pl)	
	TU 18	S3	Emerging and re-emerging parasitic infectious diseases	25	Putthapoom (putthapoom@gmail.com)	
	TU 19	S3	Emerging and re-emerging viral infectious diseases	50	Putthapoom (putthapoom@gmail.com)	
	TU 20	S3	International regulations and society: impact on emergence	25	Roger Frutos (roger.frutos@cirad.fr)	
	TU 21	S3	Applied immunology	50	Mohamad Saifudin Hakim (m.s.hakim@ugm.ac.id)	
	TU 22	S3	Host-pathogen interactions	50	Syafinaz Amin Nordin (syafinaz@upm.edu.my)	
<b>Elective</b>	<b>Option 1</b>	TU 23	S3	Spatial analysis and health	25	Laurent Gavotte (laurent.gavotte@umontpellier.fr)
		TU 24	S3	Clinical microbiology, immunology, data correlation	25	Putthapoom (putthapoom@gmail.com)
	<b>Option 2</b>	TU 25	S3	Microbes biotechnology and genetic engineering	25	Tri Wibawa (twibawa@ugm.ac.id)
		TU 26	S3	New generations of diagnostic technologies	25	Chee Hui Yee (cheehy@upm.edu.my)

### 3rd Semester

### 4th Semester

TU 27	S4	Internship	300	Roger Frutos (roger.frutos@cirad.fr) Pitak Santanirand (pitak.san@mahidol.ac.th) Paulina Uznanska (p.uznanska@wpia.uw.edu.pl)
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# *Prepare the future*

Prepare students for tomorrow, not yesterday or even today

Innovative

A connected society

A global society with global problems (e.g. COVID-19)

Same international training

Meet societal demands

Concept of DYNAMEID developed in a pre COVID-19 era

Implementation in a post COVID-19 era

# *A post COVID-19 era*

**Today's world is connected**

**Tomorrow's world is distance-based**

**People will be mobile, connected and work from distance**

**Country or city will not matter**

**Only skills will matter**

**Teaching must follow**

**Universities must keep control: NO MOOCs at first range**

**Distance teaching by ICTs: Keep the classroom**





**Fit the needs of professionals**

# *A selective process*

**Students must be selected**

**Programs must be selected**

**Courses must be selected**

**Scholarship to all students**

**Guarantee of quality and match**

**Industry and Foundations are primary sources of scholarships**

**Satisfaction feedback**

# *Degree*

**Two Master degrees from two different universities**

**A Master certificate from the five partners**

# *Financial plan*

**US \$ 6000 / year / student asked to sponsors**

**Managed by ASAIHL**

**Payment to universities**

**Administrative cost: US \$ 500 / registered student / semester**

**Teaching cost : US \$ 100 / teaching hour**

**30 students**

# *Management*



**Steering Committee**

**Equity and parity**

**Number and rank**

**Empowered by heads of institutions**

**Define the rules of management**

# *What is next ?*

**Finalize the agreements**

**Finalize the program**

**Prepare information material**

**Contact sponsors**

**Opening in September 2022**

# *ASAIHL Mundus program*

**DYNAMEID is the first curriculum in the program**

**Other global topics**

**Cancer**

**Biodiversity**

**Pollution and bioremediation**

**Waste management**

**Deforestation and land management**

**Etc.**

# *Doctoral School*

**Master training is necessary but not sufficient**

**Issues are global, research is global and, thus, training must be global**

**Training to research in an international environment**

**Development of an International Doctoral School**

**Based only on international collaborative research projects**

**Multiple-degree process**

**Development of an international capacity**



# *Doctoral School*

**Under an ASAIHL umbrella**

**Complement the ASAIHL Mundus Master Program**

**ASAIHL Mundus Doctoral Program**

**Indonesia: Universitas Gadjah Mada, Ministry of Health, BRIN**

**France: University of Montpellier**

**Issues are global, research is global and, thus, training must be global**

**Open to discussion**

***Thank you for your attention***