

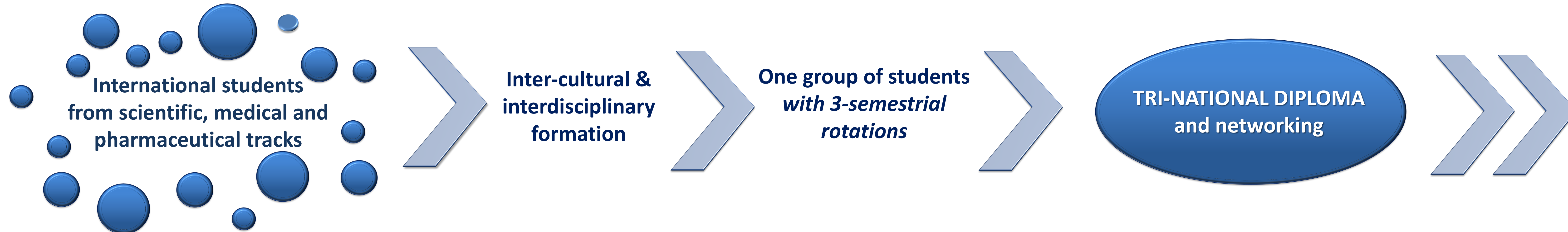
# International Master of BioMedicine

**Recruitment  
2022-2023**



**Non-EU students: March - April 17<sup>th</sup> 2022**

**EU students: March - May 22<sup>nd</sup> 2022**



**INTERNATIONAL CAREER**

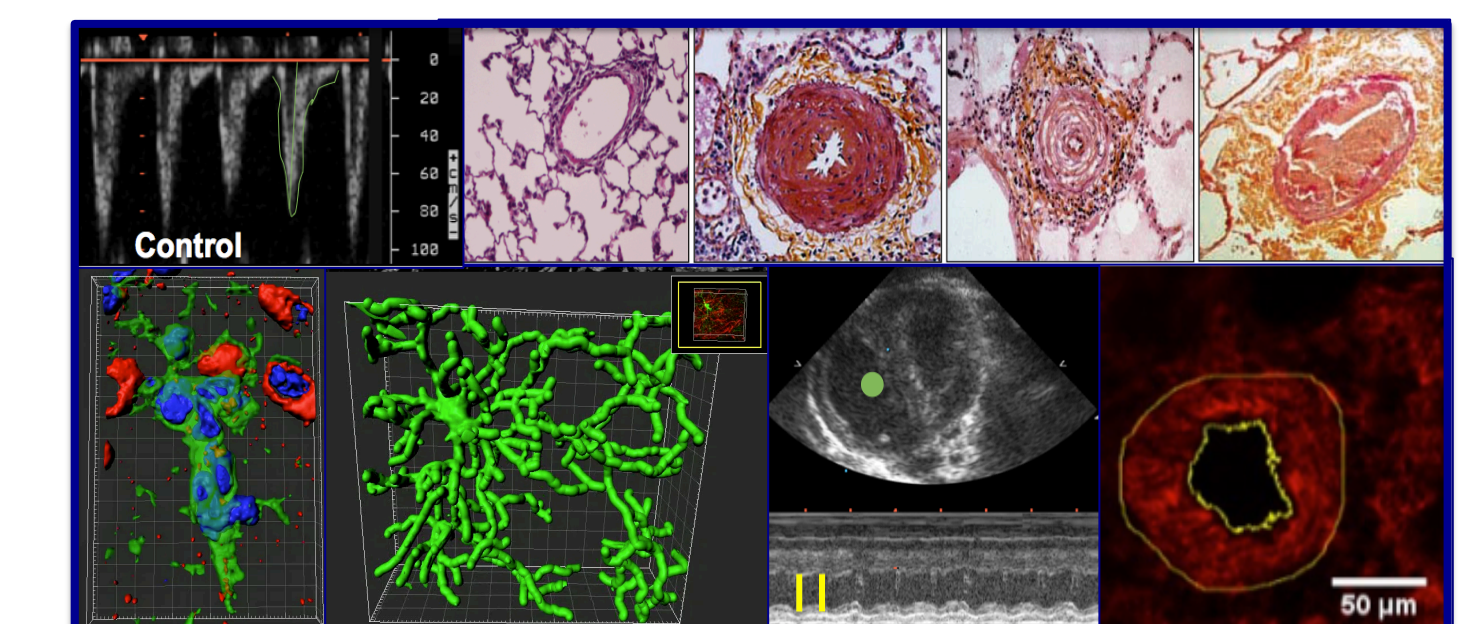
- R&D therapeutic, diagnostic, devices
- R&D health products, nutrition
- Pharmaceutical industries, start-ups
- Academia
- Medical agencies

Year 1 (M1)		Year 2 (M2)	
<b>Semester 1 : Université du Luxembourg</b>	<b>Semester 2: Université de Strasbourg</b>	<b>Semester 3 : JG Universität Mainz</b>	<b>Semester 4</b>
<b>Mandatory courses: 10 ects</b>	<b>Mandatory courses: 24 ects</b>	<b>Mandatory courses: 24 ects</b>	<b>Mandatory: 30 ects</b>
Introduction to Systems Biology 50 h 4	Molecular pharmacology 28 h 3	Human neurobiology + Research project in neurosciences 105 h 12	6-month international internship (academic or private laboratory)
Safety in the Laboratory 35 h 2	Cell responses: from receptors to signaling 28 h 3	Approaches and applications in molecular medicine and clinical immunology + research project in mol. med. & clin. immunology 105 h 12	
Gene Regulation / Transcriptomics 50 h 4	Biological responses: from targets to treatments 28 h 3		
<b>Optional courses - Track A: 20 ects</b>	Initiation to pre-clinical research (internship 105 h) 3	<b>Optional courses: 6 (3 x 2) ects</b>	
Track A:	Molecular vascular medicine and cardiology 50 h 6	Introduction to radiology 21 h 2	
Practicals in Gene Regulation 70 h 4	Molecular aspects of dyslipidemia and diabetes 32 h 3	Scientific data formatting and editing 21 h 2	
Protein Structure and Function 70 h 4	Hot topics in biomedical sciences 25 h 3	Communication skills and rhetoric 21 h 2	
Proteomics 70 h 4	<b>Optional courses: 6 (2 x 3) ects</b>	Experimental animal course 21 h 2	
Practicals in Systems Biology 70 h 4	Therapeutic potential of stem cells 27 h 3	Foreign language 21 h 2	
Practicals in Bioinformatics 70 h 4	Introduction to drug delivery and nanobiomedicine 28 h 3		
Foreign language (F/D) 40 h --	Cardiac and vascular regenerative medicine 24 h 3		
<b>Track B (CURRENTLY NOT OFFERED):</b>	Genetically modified experimental animal models 24 h 3		
Research Practical 2.5 months 18	Foreign language		
Academic Writing Workshop 20 h 2			

**Courses starting dates**

**M1 mid-September 2022**

**M2 mid-October 2022**



**Education Program supported by IdEx/formation and UFA/DFH**

**Potential financial supports for students**

- ❖ Université Franco-Allemande
- ❖ ERASMUS +
- ❖ Région Grand Est
- ❖ Initiatives d'Excellence (IdEx)

**Assistance in acquiring accommodations (Luxembourg, Strasbourg, Mainz)**

**Contacts**

**Managers**  
T. Sauter: thomas.sauter@uni.lu  
L. Sinkkonen: lasse.sinkkonen@uni.lu

**Administration**  
F. Magi: florence.magi@uni.lu  
P. Esposito: philomene.esposito@uni.lu  
Faculty of Science, Technology, and Medicine

**Contacts**

**Managers**  
V. Schini-Kerth: valerie.schini-kerth@unistra.fr  
F. Toti: toti@unistra.fr

**Administration**  
L. Fettous: fettous@unistra.fr  
V. Bruchmann: vbruchmann@unistra.fr  
Secrétariat de la Faculté de Médecine

**Contacts**

**Managers**  
K. Karram: karram@uni-mainz.de  
N. Hövelmeyer: hoevelme@uni-mainz.de

**Administration**  
H. Mohr: hildmohr@uni-mainz.de  
Institut für Molekulare Medizin



[https://www.fr.uni.lu/formations/fstm/international\\_master\\_of\\_science\\_in\\_biomedicine](https://www.fr.uni.lu/formations/fstm/international_master_of_science_in_biomedicine)

<https://www.studying.uni-mainz.de/biomedicine/>

**APPLY ONLINE 2022-2023 at Université de Strasbourg**

**e-candidat:**

<https://ecandidat-pair.app.unistra.fr/ecandidat/#!accueilView>



**Visit our web site:**

<https://masterbiosante.unistra.fr/parcours/international-master-in-biomedicine/>