

Master of Science In Medical Biology - Study path in Metabolism and Human Health - Spring 2024 -

Responsibles : O. Opota (onya.opota@unil.ch) and V. Mansuy-Aubert (virginie.mansuy-aubert@unil.ch)

TEACHING	RESPONSIBLE / Teaching staff	ROOM	HOURS
Human Nutrition and Metabolism	Mansuy-Aubert V. (VMA) , Puder J. (JP), Vonaesch P. (PV)	Bugnon 27, room 120 (Lipari)	10 C
Metabolic Syndrome and its Consequences (Hyperlipidemia, Diabetes, Obesity, Cardiac Diseases)	Rosenblatt N. (NR), Puder J. (JP)	Bugnon 27, room 120 (Lipari)	8 C + 2 S
Interaction Gut-Nervous System	Langlet F. (FL), Mansuy-Aubert V. (VMA)	Bugnon 27, room 120 (Lipari)	4 C
Developmental Origin of Health and Diseases (Maternal-Fetal-Child Interactions)	Croizier S. (SC), Fisher-Fumeaux C. (CFF), Vonaesch P. (PV), Zyzdorzczik C. (YC)	Bugnon 27, room 120 (Lipari)	10 C + 2 S
Genetics of Metabolic Diseases	Messina A. (AM)	Bugnon 27, room 120 (Lipari)	2 C
Cellular Metabolism, Stem Cells	Paolicelli R. (RP), Knobloch M. (MK), Jourdain A. (AJ)	Bugnon 27, room 120 (Lipari)	8 C
Case Study on Metabolic Diseases	Mansuy-Aubert V. (VMA), Langlet F. (FL), Messina A. (AM)	Bugnon 27, room 120 (Lipari)	10 E
Exercise and Metabolism	Amati F. (FA)	Bugnon 27, room 120 (Lipari)	6 C + 2 S
Sport, Metabolism, Health and Performance	Place N. (NP), Zanou N. (NZ)	Bugnon 27, room 120 (Lipari)	6 C
Energy Metabolism and Rheumatic Diseases	Geurts J. (JG)	Bugnon 27, room 120 (Lipari)	6 C
Human-Microbes Interactions	Opota O. (OO), Bertelli-Lombardo C. (CBL), Jacot D. (DJ), Niculita-Hirzel H. (HN), Lhopitalier L. (LL, séminaire), Mazza-Stalder J. (JMS, séminaire)	Bugnon 27, room 120 (Lipari)	10 C + 2 S
Human Microbiota in Metabolic Health and Diseases	Bertelli-Lombardo C. (CBL), Ubags N. (NU), Guery B. (BG), Stojanov M. (MS), Vonaesch P. (PV)	Bugnon 27, room 120 (Lipari)	12 C + 2 S
Diet, Lifestyle, Microbiota and Brain Diseases	Mansuy-Aubert V. (VMA), Boutrel B. (BB), Pot C. (CP)	Bugnon 27, room 120 (Lipari)	6 C + 2 S
Preventive and Therapeutic Interventions on Microbiota	Galperine T. (TG), Vonaesch P. (PV)	Bugnon 27, room 120 (Lipari)	4 C
Human Microbiome and Interactions with Chemotherapies	Homicsko K. (HK)	Bugnon 27, room 120 (Lipari)	2 C
Case Study on the Microbiome and Human Health	Opota O. (OO)	Bugnon 27, room 120 (Lipari)	10 E
Laboratory Approaches in Clinical Chemistry (Metabolomics, Proteomics)	Braissant O. (OB), Binz P.-A. (PAB), Choong E. (EC), Ivanisevic J. (JI), Gallart-Ayala H. (HGA)	Bugnon 27, room 120 (Lipari)	8 C + 4 PW
Laboratory Approaches in Medical Microbiology	Opota O. (OO), Bertelli-Lombardo C. (CBL), Jacot D. (DJ), Niculita-Hirzel H. (HN)	Bugnon 27, room 120 (Lipari)	8 C + 4 PW
Monitoring Physiological Functions	Puder J. (JP) , Amati F. (FA), Mansuy-Aubert V. (VMA)	Bugnon 27, room 120 (Lipari)	8 PW
Therapies of Gut-Brain Communication (from By-Pass Surgery to Endopharmacology)	Favre L. (LF)	Bugnon 27, room 120 (Lipari)	2 C
Fundamental Principles : Pharmacokinetics / Pharmacogenomics	Firsov D. (DF)	Bugnon 7, 6th floor, seminar room	10 C + 2 S
Principles of Chemotherapy : Infectious Diseases	Staub O. (OS)	Bugnon 7, 6th floor, seminar room	6 C + 2 S
Visit of Nestlé SA, Vers-chez-les-Blanc	Opota O. (OO)		4 PW
Visit FIND Geneva or WHO Geneva	Opota O. (OO)		4 PW
Recent Advances in Metabolic Health/career. Development	Opota O. (OO), Mansuy-Aubert V. (VMA)	Bugnon 27, room 120 (Lipari)	12 S
Write and Defend Grant Proposal, prepare Journal Club	Opota O. (OO)	Bugnon 27, room 120 (Lipari)	2 E

Optional Courses

Training in Animal Experimentation (RESAL Module 1)	Broillet M.-C. (MCB), Cadilhac C. (CC)	20 C + 20 PW
Clinical Research Module	Wuerzner G. (GW)	20 C + 20 PW

Common Courses Compulsory (for all students)

Introduction to Clinical Medicine	Wuerzner G., Gonzalez Rodriguez E.	20 C
-----------------------------------	------------------------------------	------

Schedule, teaching's beginning :

Moming : 8:15 - 9:15 - 10:15 - 11:15 - 12:15
 Afternoon : 13:15 - 14:15 - 15:15 - 16:15 - 17:15

WEEK 1: 19.02 to 23.02

	mo 19	tu 20	we 21	th 22	fr 23
08:15 09:15	Introduction to Clinical Medicine / Clinical Research Module (Theory) GW				
10:15 11:15					
12:15					
13:15 14:15	Clinical Research Module (e-learning TRREE) GW / RESAL Module 1 (Practicals - Group I - Animalerie Arare, Genève) MCB,CC				
15:15 16:15					
17:15					
	CHUV-A.Yersin	CHUV-Maternité	CHUV-C.Roux	BU19-Decker	BU19-Decker
	CHUV-M.Mayor	CHUV-C.Roux	CHUV-C.Roux	BU9-G.Auditoire	CHUV-C.Olivier

WEEK 2: 26.02 to 01.03

	mo 26	tu 27	we 28	th 29	fr 01
08:15 09:15	Clinical Research Module (e-learning TRREE) GW / RESAL Module 1 (Practicals - Group II - Animalerie Arare, Genève) MCB,CC			Clinical Research Module (e-learning TRREE) GW / RESAL Module 1 (Practicals - Group III - Animalerie Arare, Genève) MCB,CC	
10:15 11:15					
12:15					
13:15 14:15	Clinical Research Module (e-learning TRREE) GW / RESAL Module 1 (Practicals - Group II - Animalerie Arare, Genève) MCB,CC		Clinical Research Module (e-learning TRREE) GW / RESAL Module 1 (Practicals - Group III - Animalerie Arare, Genève) MCB,CC		
15:15 16:15					
17:15					

