

Master - Molecular and Translational Neuroscience - Curriculum

Sem.	Module and Title of Lecture	Number of lecture in the course catalogue	CP	Status
	Introduction to Molecular and Translational Neuroscience		18	CM
1	<i>Molecular and Translational Neuroscience</i>	MEDex10	3	
1	<i>Introduction to Human Neurophysiology</i>	MEDex29	3	
1	<i>Introduction to Human Neuroanatomy</i>	MEDex30	3	
1	<i>Practical Training in Laboratory Methods</i>	MEDex33	9	
	Compulsory Elective Modules to Introduction in Molecular and Translational Neuroscience		12	CEM
1	<i>Clinical Neuroscience basic lectures</i>	MED70000.064a	3	
1	<i>Clinical Neuroscience seminar</i>	MED70000.064c	3	
1	<i>European Patent Law for Molecular and Translational Neuroscience</i>	MEDex28	3	
1	<i>Neurobiology</i>	BIO.0023.001	3	
1	<i>Laboratory Methods I</i>	MEDex31	3	
1	<i>Current Concepts in Stem Cell Biology and Regenerative Medicine</i>	MOME.Ma 1001	6	
1	<i>Bioinformatics and Systems Biology</i>	MOME.Ma 1002	6	
	Compulsory Elective Modules for Advanced Molecular and Translational Neuroscience		24	CEM
2	<i>Neural Networks in Health and Disease</i>	MEDex13	3	
2	<i>Brain Imaging and Neuroanatomy</i>	MEDex14	3	
2	<i>Basics of Stress Physiology</i>	MEDex15	3	
2	<i>Disorders in Psychiatry</i>	MEDex17	3	
2	<i>Biomolecular Systems in psychiatric disorders</i>	MEDex34	3	
2	<i>Clinical Trials for Molecular and Translational Neuroscience</i>	MEDex20	3	
2	<i>Clinical Trials for Molecular and Translational Neuroscience practical training</i>	MEDex21	3	
2	<i>Journal Club in Neurological Diseases</i>	MEDex22	3	
2	<i>Laboratory Methods II</i>	MEDex32	3	

	From Basic Research to Product		6	CM
2	<i>From Basic Research to Product Lecture</i>	MEDex18	3	
2	<i>From Basic Research to Product Seminar/Excursion</i>	MEDex16	3	
	Advanced Molecular and Translational Neuroscience		16	CM
3	<i>Molecular and Translational Neuroscience Advanced Lecture</i>	MEDex23	3	
3	<i>Molecular and Translational Neuroscience Advanced Seminar</i>	MEDex24	3	
3	<i>Molecular and Translational Neuroscience Advanced Practical Training</i>	MEDex25	10	
	Neurological Psychiatric Diseases		4	CM
3	<i>Psychopharmacology</i>	MEDex12	1	
3	<i>Neurological Diseases</i>	MEDex19	3	
	Advanced Methods in Molecular and Translational Neuroscience		10	CM
3	<i>Advanced Methods in Molecular and Translational Neuroscience</i>	MEDex27	10	
4	Masterthesis incl. disputation		30	CM

CM = Compulsory Module; CEM = Compulsory Elective Modules; CP = Credit points (ECTS)