

MASTER COURSE IN BIOTECHNOLOGY FOR HUMAN AND ANIMAL HEALTH

SCHEDULE PLANNER – 1ST YEAR, 1ST SEMESTER - A.Y. 2025/2026

LOCATION: AULA E, Department of Veterinary Medicine, via Vienna 2 (unless indicated otherwise)

Compulsory courses

SUBJECT	TEACHER	CFU	LECTURES	LAB	TOTAL HOURS (for the teacher)	TOTAL HOURS (for the student)
Morphology and Structure of Animal Tissues	Prof. Marco Zedda	1	4	7	11	11
	Prof.ssa Sara Succu	1	4	5	9	9
Animal Physiology	Prof. Sebastiano Luridiana	2	16	0	16	16
Principles of Animal Pathology	Prof. Giovanni Pietro Burrai	1	4	6	10	10
	Dott.ssa Marta Polinas	1	4	6	10	10
Immunology and Oncology: Molecular Pathogenesis and Therapeutics	Prof. Diego Calvisi	5	40	0	40	40
Biotechnological Approaches in Regenerative Medicine: from Animals to Humans	Prof. Eraldo Sanna Passino	2	16	0	16	16
	Dott.ssa Sara Cruciani	3	16	12	28	28
Advanced Techniques in Molecular Biology	Prof.ssa Claudia Crosio	2	16	0	16	16
	Dott.ssa Grazia Galleri	3	16	12	28	28
Clinical Biochemistry and Omics Science	Prof. Ciriaco Carru	4	32	0	32	32

1° week 29 September – 3 October 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 29						
Tuesday 30						
Wednesday 1						
Thursday 2						
Friday 3						

2° week 6 – 10 October 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 6						
Tuesday 7			Morphology and Structure of Animal Tissues (Prof. Zedda)	Morphology and Structure of Animal Tissues (Prof. Zedda)		
Wednesday 8						
Thursday 9	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino)2	Morphology and Structure of Animal Tissues (Prof. Zedda)	Morphology and Structure of Animal Tissues (Prof. Zedda)		
Friday 10	Morphology and Structure of Animal Tissues (Prof. Succu)	Morphology and Structure of Animal Tissues (Prof. Succu)	Morphology and Structure of Animal Tissues (Prof. Succu)	Morphology and Structure of Animal Tissues (Prof. Succu)		

3° week 13 - 17 October 2025	9-10	10-11	11-12	12-13	15-16	16-17	17-18
Monday 13	Advanced Techniques in Molecular Biology (Prof. C Crosio)	Advanced Techniques in Molecular Biology (Prof. C Crosio)	Morphology and Structure of Animal Tissues (Prof. Succu) PRACTICE	Morphology and Structure of Animal Tissues (Prof. Succu) PRACTICE	Morphology and Structure of Animal Tissues (Prof. Succu) PRACTICE 15.30	Morphology and Structure of Animal Tissues (Prof. Succu) PRACTICE	Morphology and Structure of Animal Tissues (Prof. Succu) PRACTICE 18.30
Tuesday 14	Advanced Techniques in Molecular Biology (Prof. C Crosio)	Advanced Techniques in Molecular Biology (Prof. C Crosio)4	Morphology and Structure of Animal Tissues (Prof. Zedda) PRACTICE	Morphology and Structure of Animal Tissues (Prof. Zedda) PRACTICE	Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 2	
Wednesday 15							
Thursday 16	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino) 4	Morphology and Structure of Animal Tissues (Prof. Zedda) PRACTICE	Morphology and Structure of Animal Tissues (Prof. Zedda) PRACTICE	Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 4	
Friday 17							

4° week 20 - 24 October 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 20	Advanced Techniques in Molecular Biology (Prof. C Crosio)	Advanced Techniques in Molecular Biology (Prof. C Crosio)				
Tuesday 21	Advanced Techniques in Molecular Biology (Prof. C Crosio)	Advanced Techniques in Molecular Biology (Prof. C Crosio)8			Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 6
Wednesday 22		Morphology and Structure of Animal Tissues (Prof. ZEDDA) PRACTICE	Morphology and Structure of Animal Tissues (Prof. ZEDDA) PRACTICE	Morphology and Structure of Animal Tissues (Prof. ZEDDA) PRACTICE		
Thursday 23	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino) 6			Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru)8
Friday 24						

5° week 27 – 31 October 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 27	Advanced Techniques in Molecular Biology (Prof. C Crosio)	Advanced Techniques in Molecular Biology (Prof. C Crosio)				
Tuesday 28	Advanced Techniques in Molecular Biology (Prof. C Crosio)	Advanced Techniques in Molecular Biology (Prof. C Crosio)			Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 10
Wednesday 29						
Thursday 30	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino) 8			Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 12
Friday 31	OFF					

6° week 3 – 7 November 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 3	Advanced Techniques in Molecular Biology (Prof. C Crosio)	Advanced Techniques in Molecular Biology (Prof. C Crosio)				
Tuesday 4	Advanced Techniques in Molecular Biology (Prof. C Crosio)	Advanced Techniques in Molecular Biology (Prof. C Crosio)16	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)	Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 14
Wednesday 5			Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri) 4		
Thursday 6	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino) 10	WELCOME DAY	WELCOME DAY	Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 16
Friday 7						

7° week 10 – 14 November 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 10	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)			Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 2
Tuesday 11	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri) 8			Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 18
Wednesday 12					Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 4
Thursday 13	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino) 12			Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 20
Friday 14					Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 6

8° week 17 – 21 November 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 17	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)			Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 8
Tuesday 18	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri) 12			Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 22
Wednesday 19					Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 10
Thursday 20	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino) 14			Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 24
Friday 21					Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 12

9° week 24 – 28 November 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 24	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)				
Tuesday 25	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology (Dott.ssa G. Galleri) 16			Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 26
Wednesday 26						
Thursday 27	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Prof. Sanna Passino) 16			Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 28
Friday 28						

10° week 1 - 5 December 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 1					Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) 2
Tuesday 2					Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 30
Wednesday 3						
Thursday 4					Clinical Biochemistry and Omics Science (Prof. Carru)	Clinical Biochemistry and Omics Science (Prof. Carru) 32
Friday 5						

11° week 8 - 12 December 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 8	OFF					
Tuesday 9					Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) 4
Wednesday 10					Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 14
Thursday 11					Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) 6
Friday 12					Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 16

12° week 15 - 19 December 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 15					Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)18
Tuesday 16	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri) 4	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) 8
Wednesday 17					Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 20
Thursday 18	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri) 8	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) 10
Friday 19	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri)	Advanced Techniques in Molecular Biology PRACTICAL LAB. (Dott.ssa G. Galleri) 12	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 22

13° week 5 - 9 January 2026	9-10	10-11	11-12	12-13	15-16	16-17
Monday 5	OFF					
Tuesday 6						
Wednesday 7					Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 24
Thursday 8	Animal Physiology (Prof. Luridiana)	Animal Physiology (Prof. Luridiana)	Animal Physiology (Prof. Luridiana)			
Friday 9	Animal Physiology (Prof. Luridiana)	Animal Physiology (Prof. Luridiana)5			Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 26

14° week 12 - 16 January 2026	9-10	10-11	11-12	12-13	15-16	16-17
Monday 12			Principles of Animal Pathology (Dott.ssa Polinas)	Principles of Animal Pathology (Dott.ssa Polinas)2	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 28
Tuesday 13	Animal Physiology (Prof. Luridiana)	Animal Physiology (Prof. Luridiana)	Animal Physiology (Prof. Luridiana) 8		Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani)12
Wednesday 14					Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 30
Thursday 15	Animal Physiology (Prof. Luridiana)	Animal Physiology (Prof. Luridiana) 10	Principles of Animal Pathology (Dott.ssa Polinas)	Principles of Animal Pathology (Dott.ssa Polinas)4	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) 14
Friday 16	Principles of Animal Pathology (Prof. Burrai)	Principles of Animal Pathology (Prof. Burrai)2	Principles of Animal Pathology PRACTICE (Prof. Burrai)	Principles of Animal Pathology PRACTICE (Prof. Burrai)2	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi) 32

15° week 19 - 23 January 2026	9-10	10-11	11-12	12-13	15-16	16-17	17-18
Monday 19	Animal Physiology (Prof. Luridiana)	Animal Physiology (Prof. Luridiana)	Animal Physiology (Prof. Luridiana) 13		Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE 3
Tuesday 20	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani)	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) 16	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE 6
Wednesday 21	Principles of Animal Pathology (Prof. Burrai)	Principles of Animal Pathology (Prof. Burrai)4	Principles of Animal Pathology (Prof. Burrai)	Principles of Animal Pathology (Prof. Burrai)6	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE 9

Thursday 22	Principles of Animal Pathology PRACTICE (Dott.ssa Polinas)	Principles of Animal Pathology PRACTICE (Dott.ssa Polinas)2	Principles of Animal Pathology PRACTICE (Prof. Burrai)	Principles of Animal Pathology PRACTICE (Prof. Burrai) 4	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE	Biotechnological Approaches in Regenerative Medicine: from Animals to Humans (Dott.ssa Cruciani) PRACTICE 12
Friday 23	Animal Physiology (Prof. Luridiana)	Animal Physiology (Prof. Luridiana)	Animal Physiology (Prof. Luridiana) 16		Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)

16° week 26 - 30 January 2025	9-10	10-11	11-12	12-13	15-16	16-17
Monday 26	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)	Immunology and Oncology: Molecular Pathogenesis and Therapeutics (Prof. Calvisi)			
Tuesday 27	Principles of Animal Pathology PRACTICE (Dott.ssa Polinas)	Principles of Animal Pathology PRACTICE (Dott.ssa Polinas)	Principles of Animal Pathology PRACTICE (Dott.ssa Polinas)	Principles of Animal Pathology PRACTICE (Dott.ssa Polinas)6		
Wednesday 28						
Thursday 29						
Friday 30						