

SYSTEMS BIOLOGY, master program

Tvirtinu/Approved.....

VU MF Dekanas /Dean prof. A. Utkus

ACADEMIC CALANDER for Autumn, 2022

3 semester

Mo nth	Day	We ek day	Lec tur e	Lec tur e	Subject	Tutor	Room	Building/ Platform	Comments
September	1	IV							
	2	V	14	17	1. Object of Systems biology	A. Jakaitienė, K. Šablauskas		MSTeams	Lecture
	5	I	15	19	Mathematical physiology	Prof. A. Alaburda		MSTeams	Lecture
	6	II	15	19	Neurobiology	Prof. O. Rukšėnas	R301	LSC	Lecture
	7	III	15	19	Neurobiology	Prof. O. Rukšėnas		MSTeams	Lecture
	8	IV	15	19	Mathematical physiology	Prof. A. Alaburda	312	MF1	Practice
					2. Phylogenetic analysis of genomes and				
	9	V	15	19	metagenomes	dr. G.Alzbutas		MSTeams	Lecture/Practice
	12	I	15	19	Mathematical physiology	Prof. A. Alaburda		MSTeams	Lecture
	13	II	15	19	Neurobiology	Prof. O. Rukšėnas		MSTeams	
	14	III	15	19	Neurobiology	Prof. O. Rukšėnas		MSTeams	Lecture
	15	IV	15	19	Mathematical physiology	Prof. A. Alaburda	312	MF1	Practice
					2. Phylogenetic analysis of genomes and				
	16	V	15	19	metagenomes	dr. G.Alzbutas		MSTeams	Practice
	19	I	15	19	Mathematical physiology	Prof. A. Alaburda		MSTeams	Lecture
	20	II	15	19	Neurobiology	Prof. O. Rukšėnas		MSTeams	Lecture
	21	III	15	19	Neurobiology	Prof. O. Rukšėnas		MSTeams	Lecture
	22	IV	15	19	Mathematical physiology	Prof. A. Alaburda	312	MF1	Practice
					3. ChIP-seq analysis; DNA-protein interactions				
	23	V	14	18	and Sequence Motifs	dr. E.Pranckevičienė		MSTeams	Lecture
	26	I	15	19	Mathematical physiology	Prof. A. Alaburda		MSTeams	Lecture
	27	II	15	19	Neurobiology	Prof. O. Rukšėnas		MSTeams	Lecture
	28	III	15	19	Neurobiology	Prof. O. Rukšėnas		MSTeams	Lecture
	29	IV	15	19	Mathematical physiology	Prof. A. Alaburda	312	MF1	Practice

	3. ChIP-seq analysis; DNA-protein interactions and Sequence Motifs						
	30	V	14	18	dr. E.Pranckevičienė	MSTeams	Practice
October	3	I	15	19	Mathematical physiology	Prof. A. Alaburda	MSTeams Lecture
	4	II	9	11	4. Gene Regulatory Networks	A.Urnikytė	TBA MF2 Lecture
		II	15	19	Neurobiology	Prof. O. Rukšėnas	MSTeams Lecture
	5	III	15	19	Neurobiology	Prof. O. Rukšėnas	MSTeams Lecture
	6	IV	15	19	Mathematical physiology	Prof. A. Alaburda	312 MF1 Practice
	7	V	15	19	Proteomics	Prof. M. Valius	TBA LSC Lecture
	10	I	15	19	Mathematical physiology	Prof. A. Alaburda	MSTeams Lecture
	11	II	9	13	4. Gene Regulatory Networks	A.Urnikytė	MF2 Practice
		II	15	19	Neurobiology	Prof. O. Rukšėnas	MSTeams Lecture
	12	III	15	19	Neurobiology	Prof. O. Rukšėnas	MSTeams Lecture
	13	IV	15	19	Mathematical physiology	Prof. A. Alaburda	312 MF1 Practice
	14	V	15	19	Proteomics	Prof. M. Valius	TBA LSC Lecture
	17	I	9	11	5. Discovering Quantitative Trait Loci (QTLs)	E. Siavrienė	MSTeams Lecture
			12	16	5. Discovering Quantitative Trait Loci (QTLs)	E. Siavrienė	MF2/MSTeams Practice
	18	II	15	19	Neurobiology	Prof. O. Rukšėnas	MSTeams Lecture
	19	III	15	19	Neurobiology	Prof. O. Rukšėnas	MSTeams Lecture
	20	IV	14	18	9. Deep Learning in Computational Biology	dr. L. Petkevičius	MSTeams Practice
	21	V	15	19	Proteomics	Prof. M. Valius	TBA LSC Lecture, seminar
	24	I	9	13	Enrichment	dr. J. Songailienė	TBA MF2/MSTeams Lecture, seminar
			15	19	Mathematical physiology	Prof. A. Alaburda	MSTeams Lecture
	25	II	15	19	Neurobiology	Prof. O. Rukšėnas	MSTeams Lecture
	26	III	15	19	Neurobiology	Prof. O. Rukšėnas	MSTeams Lecture
	27	IV	15	19	Mathematical physiology	Prof. A. Alaburda	312 MF1 Practice
	28	V	9	13	Enrichment	dr. J. Songailienė	MF2/MSTeams Lecture, seminar
			15	19	Proteomics	Prof. M. Valius	TBA LSC Lecture, seminar
	31	I	11	13	addiction	Prof. V. Vengalienė	TBA LSC Lecture
		I	15	19	Mathematical physiology	Prof. A. Alaburda	MSTeams Lecture
	1	II	DAY OFF				

November	2	III	DAY OFF						
	3	IV	15	19	Mathematical physiology	Prof. A. Alaburda	312	MF1	Practice
	4	V	15	19	Proteomics	Prof. M. Valius	TBA	LSC	Lecture, seminar
	7	I	11	13	addiction	Prof. V. Vengeliienė	TBA	LSC	Lecture
	8	II	15	19	Neurobiology	Prof. O. Rukšėnas		MSTeams	Lecture
	9	III	15	16	Neurobiology	Prof. O. Rukšėnas		MSTeams	Lecture
	10	IV	9	13	9. Deep Learning in Computational Biology	K. Šablauskas	203	MF1	Seminar
	11	V	15	19	Proteomics	Prof. M. Valius	TBA	LSC	Lecture
	14	I	11	13	addiction	Prof. V. Vengeliienė	TBA	LSC	Seminar
	15	II	14	18	8. Markov and Hidden Markov Models of Genomic and Protein Features	prof. A. Jakaitienė	233	MF1	Lecture
	16	III	14	18	8. Markov and Hidden Markov Models of Genomic and Protein Features	doc. E. Prancėvičienė		MS Teams	Practice
	17	IV	9	13	10. Synthetic Biology and Novel therapeutics	K. Šablauskas	233	MF1	
	18	V	15	19	Proteomics	Prof. M. Valius	TBA	LSC	Lecture, seminar
	21	I	11	13	addiction	Prof. V. Vengeliienė	TBA	LSC	Seminar
	22	II							
	23	III	9	13	Neurogenetics	prof. A. Utkus	235	MF1	Lecture, seminar
	24	IV	9	13	biology	prof. E. Gefenas			Lecture, seminar
	25	V	15	19	Proteomics	Prof. M. Valius	TBA	LSC	Lecture, seminar
	28	I	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar
	29	II	9	13	biology	prof. E. Gefenas			Lecture, seminar
	30	III	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar
	1	IV	9	13	biology	lect. V. Lukaševičienė			Lecture, seminar
	2	V	15	19	Proteomics	Prof. M. Valius	TBA	LSC	Lecture
	5	I	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar
	6	II	9	13	biology	lect. V. Lukaševičienė			Lecture, seminar
	7	III	9	13	Neurogenetics	prof. A. Utkus	312	MF1	Lecture, seminar
	8	IV	9	13	biology	asist. M. Poškutė			Lecture, seminar
	9	V	15	19	Proteomics	Prof. M. Valius	TBA	LSC	Lecture, seminar
	12	I	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar

December	13	II	9	15	biology	asist. M. Poškutė			Lecture, seminar
	14	III	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar
	15	IV							
	16	V	14	19	Proteomics	Prof. M. Valius	TBA	LSC	Lecture, seminar
	19	I	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar
	20	II							
	21	III	9	13	Neurogenetics	prof. A. Utkus	312	MF1	Lecture, seminar
	22	IV							
	23	V	14	19	Proteomics	Prof. M. Valius	TBA	LSC	Lecture, seminar
	26	I							
January	27	II							
	28	III							
	29	IV							
	30	V							
	2	I	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar
	3	II	10	14	7. Source of data in experimental structural biology: CryoEM, X-ray crystallography	prof. S. Gražulis	MS Teams/VL	LSC	Lecture
	4	III	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar
	5	IV	13	18	Science forum: Journal club	prof. A. Jakaitienė		MS Teams	
	6	V	14	19	Proteomics	Prof. M. Valius	TBA	LSC	Lecture, seminar
	9	I	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar
	10	II	10	14	research	prof. S. Gražulis	MS Teams/VL	LSC	Seminar
	11	III	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar
	12	IV							
	13	V	14	19	Proteomics	Prof. M. Valius	TBA	LSC	Lecture, seminar
	16	I	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Lecture, seminar
	17	II	10	14	research	prof. S. Gražulis	MS Teams/VL	LSC	Seminar
	18	III	9	13	Neurogenetics	prof. A. Utkus	233	MF1	Exam
	19	IV							
	20	V							

Abbreviations

LSC Life sciences center, Saulėtekio str. 9

MIF Faculty of Mathematics and Informatics, Šaltinių str. 1A

MIF2 MIF Didlaukio 47

MF1 Faculty of Medicine, Čiurlionio str. 21/27

MF2 Faculty of Medicine, Santariškių str. 2

TBA to be agreed