



## LITHUANIAN SPORTS UNIVERSITY

### STUDY MODULE PROGRAMME (SMP)

Module Code	B	710	B	120	Accredited until				Renewal date		
	Branch of Science		Progr.	Registr. №.							

Entitlement

Genetics, Immunology and Pathophysiology

Prerequisites

Anatomy, physiology

Course (module) Learning Outcomes

№.	Learning Outcomes	Teaching / Learning Methods	Assessment Methods
1		Case analysis (Case study), Discussion, Scientific paper analysis	Literature reviewing and presentation, Mid-term examination, Scientific paper (text) analysis
2		Case analysis (Case study), Discussion, Scientific paper analysis	Literature reviewing and presentation, Mid-term examination, Scientific paper (text) analysis
3		Case analysis (Case study), Discussion, Literature analysis, Scientific paper analysis	Literature reviewing and presentation, Mid-term examination, Scientific paper (text) analysis

Main aim

The main aim is to develop understanding of clinical reasoning based on biomedical science knowledge, ability to collect, analyze and critically interpret subjective and objective information of patient, ability to understand factors that might affect general and specific personal situation, ability to fully participate in purposefully put together multi-disciplinary group activity.

Summary

Level of module

Level of programme		Subject group (under the regulation of the area)
Cycle	Type	
First	Bachelor	

Group under financial classification

Syllabus

№.	Sections and themes	Responsible lecturer
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.	Vaikų ir suaugusiųjų vakcinacija.	
15.		

Evaluation procedure of knowledge and abilities:

Ten grade criterion scale and summative evaluation system are applied. The semester's individual work tasks are evaluated by grades; the final grade is given during the examination session while multiplying particular grades by the lever coefficient and summing up the products.

References

№.	Title	Edition in Lithuanian Sports University library		In Lithuanian Sports University bookstore	Number of ex. in the methodical cabinet of the depart.
		Pressmark	Number of exemplars		
1.	Vitamin D in Autoimmunity: Molecular Mechanisms and Therapeutic Potential. Dankers et al. Front Immunol. 2017 Jan 20;7:697.			Yes	
2.	Post-mortem study of the association between cardiac iron and fibrosis in transfusion dependent anaemia. Kirk et al. J Cardiovasc Magn Reson. 2017 Mar 27;19(1):36			Yes	
3.	Effect of Diabetes Treatment-Related Attributes on Costs to Type 2 Diabetes Patients in a Real-World Population. Meng et al. J Manag Care Spec Pharm. 2017 Apr;23(4):446-452.			Yes	
4.	The Influence of the Microbiome on Early-Life Severe Viral Lower Respiratory Infections and Asthma— Food for Thought? Lynch et al. Front Immunol. 2017 Feb 16;8:156.			Yes	
5.	Micro-computed tomography and mechanical evaluation of trabecular bone structure in osteopenic and osteoporotic fractures. Ozan et al. J Orthop Surg (Hong Kong). 2017 Jan;25(1):23			Yes	
6.	Effects of Melatonin on Liver Injuries and Diseases. Zhang et al. Int J Mol Sci. 2017 Mar 23;18(4).			Yes	

Additional literature

№.	Title
1.	Italian Registry of Congenital Bleeding Disorders. Giampaolo et al. J Clin Med. 2017 Mar 19;6(3).
2.	A Case of Hemophilia A Presenting in a Neonate and a Review of the Literature. Kisseih et al. Glob Pediatr Health. 2017 Feb 20;4:.
3.	Acceleration of bone regeneration by activating Wnt/ $\beta$ -catenin signalling pathway via lithium released from lithium chloride/ calcium phosphate cement in osteoporosis. Li et al. Sci Rep. 2017 Mar 24;7:45204.
4.	Lifetime Exposure to a Constant Environment Amplifies the Impact of a Fructose-Rich Diet on Glucose Homeostasis during Pregnancy. Song et al. Nutrients. 2017 Mar 25;9(4).

Coordinating lecturer

Position	Degree, surname, name	Schedule №.
Associate Professor		40

Subdivision

Entitlement	Code
a	2006

Study module teaching form №. 1

Semester	Mode of studies	Structure				Total hours	Credits	
		Theory	Seminars	Lab Works	Ind. work			
A	S	D	14	12	0	130	156	6

