

SYLABUS

Subject:	<i>Basic of scientific Work 1</i>		
Study Programme:	<i>Dental Medicine</i>	Semester:	<i>5. semester</i>
Valuation:	<i>absolved</i>	Obligation:	<i>obligatory</i>
Number of hours:	<i>0/28</i>		<i>28 hours</i>

Place: Department of Stomaology and Maxillofacial Surgery

1 st Department of Stomatology

Tuesday 16:00 – 17:30 KS a MFCH UPJŠ a Akadémia Košice n.o.

<i>Week</i>	<i>Lectures</i>	<i>Practicals</i>
1.		Current medical and scientific research. Basis and objectives of scientific work in biology and medical sciences.
2.		Animal Experiment Structure. Science work.
3.		Irregularity in scientific research. Moral aspects of scientific discoveries.
4.		Nobel Prize. Logic in scientific work (logic, judging, abduction).
5.		Cognitive sciences, neural networks. Roots of Slovak science.
6.		Nanotechnology. Scientific research and scientific problem.
7.		Evidence-based medical practice. Ethical preconditions for working with experimental animals.
8.		Model of experimental stomach ulcer. Rules of working with experimental animals.
9.		Model of audiogenic epilepsy in the experiment. Care for experimental animals.

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10.		Model of experimental myocardial infarction.
11.		Model of atrial fibrillation and flutter and heart chambers.
12.		Seminar with lecture and rhetoric.
13.		Presentations of students.
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Specific conditions for passing the subject:

Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%.

Final test with a grade of at least 60%.

Conditions for credit: 100% communication with teacher