



9th Summer School of Experimental Surgery Pilsen 2022

Programme

1st day Monday, 4 July 2022

	Groups A and B	Groups C and D
9:00 - 9:30	Welcome	
9:30 - 10:00	Prof. MUDr. Jan Beneš, Ph.D.: Anesthesia of Experimental Animals I	
10:00 - 10:30		
10:30 - 11:00		
11:00 - 11:30		
11:30 - 12:00	Dr. M.M.A. Monique Verstegen Ph.D.: Design by Nature; Emerging Applications of Extracellular Matrix for Liver Regenerative Medicine	
12:00 - 12:30		
12:30 - 13:00	Lunch	
12:30 - 13:00	Surgical Methods I (basic suture, ligature)	
13:00 - 13:30		
13:30 - 14:00		
14:00 - 14:30		
14:30 - 15:00		
15:00 - 15:30		
15:30 - 16:00	Surgical Methods II (basic principles, instruments and tools)	
16:00 - 16:30		
16:30 - 17:00		
17:00 - 17:30		
17:30 - 18:00		
18:00 - 18:30		
18:30 - 19:00	Surgical Methods II (basic principles, instruments and tools)	
19:00 - 19:30		
19:30 - 20:00		
20:00 - 20:30		
20:30 - 21:00		
21:00 - 21:30		
21:30 - 22:00	Welcome Garden Party	

Legend:

	theoretical lecture
	practical exercise
	break / leisure activity
	ceremony

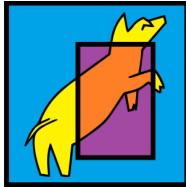


9th Summer School of Experimental Surgery Pilsen 2022

Programme

2nd day Tuesday, 5 July 2022

	Groups A and B	Groups C and D
9:00 - 9:30	Surgical Methods III (progressive suture, ligature)	
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00		
11:00 - 11:30		
11:30 - 12:00		
12:00 - 12:30		
12:30 - 13:00		
13:00 - 13:30	Experimental Practice I (laparotomy, small intestine anastomosis, cholecystectomy, splenectomy, spleen resection, nephrectomy)	Anesthesia of Experimental Animals II
13:30 - 14:00		
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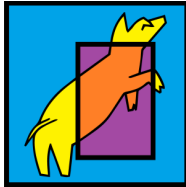
9th Summer School of Experimental Surgery Pilsen 2022

Programme

3rd day

Wednesday, 6 July 2022

	Groups A and B	Groups C and D
9:00 - 9:30	Surgical Methods IV	
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00		
11:00 - 11:30		
11:30 - 12:00		
12:00 - 12:30		
12:30 - 13:00		
13:00 - 13:30	Anesthesia of Experimental Animals II	Experimental Practice I (laparotomy, small intestine anastomosis, cholecystectomy, splenectomy, spleen resection, nephrectomy)
13:30 - 14:00		
14:00 - 14:30		
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18:30 - 19:00		



9th Summer School of Experimental Surgery Pilsen 2022

Programme

4th day

Thursday, 7 July 2022

	Groups A and B	Groups C and D
9:00 - 9:30	Surgical Methods V	Demonstration of Experimental Surgical Techniques and Procedures
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00		
11:00 - 11:30		
11:30 - 12:00		
12:00 - 12:30	<i>Lunch</i>	
12:30 - 13:00	Experimental Practice II (training of surgical procedures from first practice lesson)	Petr Hošek, Ph.D.: Statistics Prof. Kari Hemminki: Survival in Cancer Miroslav Jiřík, Ph.D.: Software Models
13:00 - 13:30		
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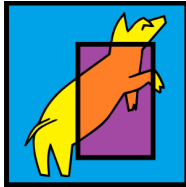
9th Summer School of Experimental Surgery Pilsen 2022

Programme

5th day

Friday, 8 July 2022

	Groups A and B	Groups C and D	
8:00 - 8:30	Prof. Dr. med. Uta Dahmen: Small Animal Experiments		
8:30 - 9:00			
9:00 - 9:30	Demonstration of Experimental Surgical Techniques and Procedures	Surgical Methods V	
9:30 - 10:00			
10:00 - 10:30			
10:30 - 11:00			
11:00 - 11:30			
11:30 - 12:00	<i>Lunch</i>		
12:00 - 12:30			
12:30 - 13:00	Experimental Practice II (training of surgical procedure from first practice lessons)		
13:00 - 13:30			Petr Hošek, Ph.D.: Statistics
13:30 - 14:00			
14:00 - 14:30			Prof. Kari Hemminki: Survival in Cancer
14:30 - 15:00			
15:00 - 15:30	Miroslav Jiřík, Ph.D.: Software Models		
15:30 - 16:00			
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9th Summer School of Experimental Surgery Pilsen 2022

Programme

6th day Saturday, 9 July 2022

	Groups A and B	Groups C and D
9:00 - 9:30	Sightseeing Trip to Prague	
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00		
11:00 - 11:30		
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9th Summer School of Experimental Surgery Pilsen 2022

Programme

7th day Sunday, 10 July 2022

REGENERATION

Free day



9th Summer School of Experimental Surgery Pilsen 2022

Programme

8th day Monday, 11 July 2022

	Groups A and B	Groups C and D
9:00 - 9:30	Prof. Dr. med. Pierre-Alain Clavien: Liver Surgery	
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00	Assoc. prof. MUDr. Hynek Mírka, Ph.D.: Imaging Methods in Experiment	
11:00 - 11:30		
11:30 - 12:00		
12:00 - 12:30	<i>Lunch</i>	
12:30 - 13:00	RNDr. Vladimíra Moulisová, Ph.D.: Introduction to Tissue Engineering	
13:00 - 13:30		
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18:00 - 18:30		
18:30 - 19:00	Experimental Practice III (vascular suture, urether suturing, small liver resection, training of surgical procedures from the first and second practice lesson)	



9th Summer School of Experimental Surgery Pilsen 2022

Programme

9th day Tuesday, 12 July 2022

	Groups A and B	Groups C and D
9:00 - 9:30	Experimental Surgery (ethical issues, principle of 3Rs, experimental models, examples of experimental work, introduction of ongoing experiments)	
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00		
11:00 - 11:30	Prof. Ing. Jaroslav Hrabák, Ph.D.: Microbiology in Surgical Practice	
11:30 - 12:00		
12:00 - 12:30	<i>Lunch</i>	
12:30 - 13:00		
13:00 - 13:30	RNDr. Vladimíra Moulisová, Ph.D.: Introduction to Tissue Engineering	Experimental Practice III (vascular suture, urether suturing, small liver resection, training of surgical procedures from the first and second practice lesson)
13:30 - 14:00		
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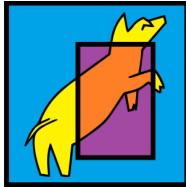
9th Summer School of Experimental Surgery Pilsen 2022

Programme

10th day

Wednesday, 13 July 2022

	Groups A and B	Groups C and D
9:00 - 9:30	GIT Surgery I	
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00	Prof. Dr. Inge Herrmann: Innovating Medical Materials and Technology	
11:00 - 11:30	Dr. Alexandre H. C. Anthis: Robust and Intelligent Adhesives for the Abdominal Cavity	
11:30 - 12:00		
12:00 - 12:30	<i>Lunch</i>	
12:30 - 13:00	Prof. MUDr. Jan Beneš, Ph.D.: Preparation of Experimental Work	
13:00 - 13:30		
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18:00 - 18:30		
18:30 - 19:00	Experimental Practice IV (training of surgical procedures from previous lessons)	



9th Summer School of Experimental Surgery Pilsen 2022

Programme

11th day Thursday, 14 July 2022

	Groups A and B	Groups C and D
8:00 - 8:30		Experimental Practice IV (training of surgical procedures from previous lessons)
8:30 - 9:00		
9:00 - 9:30		
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00		
11:00 - 11:30		
11:30 - 12:00	Prof. MUDr. Jan Beneš, Ph.D.: Preparation of Experimental Work	
12:00 - 12:30		
12:30 - 13:00		
13:00 - 13:30	<i>Lunch</i>	
13:30 - 14:00	<i>Lunch</i>	
14:00 - 14:30	Group Photoshoot	
14:30 - 15:00		
15:00 - 15:30		
15:30 - 16:00		
16:00 - 16:30	Pilsner Urquell Brewery Tour	
16:30 - 17:00		
17:00 - 17:30		
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18:00 - 18:30		
18:30 - 19:00		
19:00 - 19:30	Laser Tag Party	
19:30 - 20:00		
20:00 - 20:30		
20:30 - 21:00		
20:30 - 21:00		



9th Summer School of Experimental Surgery Pilsen 2022

Programme

12th day

Friday, 15 July 2022

	Groups A and B	Groups C and D
9:00 - 9:30	Prof. MUDr. Mgr. Zbyněk Tonar, Ph.D.: Histological Methods in Experiment	
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00	GIT Surgery II	
11:00 - 11:30		
11:30 - 12:00		
12:00 - 12:30	Evaluation of the Summer School	
12:30 - 13:00	Lunch	
13:00 - 13:30		
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14:30 - 15:00		
15:00 - 15:30	Closing Ceremony	
15:30 - 16:00		
16:00 - 16:30		
16:30 - 17:00		
17:00 - 17:30	Barbecue and Grill Party	
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