6th Summer School of Experimental Surgery
Pilsen 2019

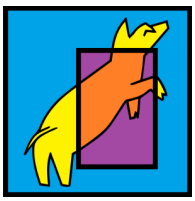
Programme

1st day **Monday, 1 July 2019**

	Groups A and B	Groups C and D
9:00 - 9:30	Welcome	
9:30 - 10:00		
10:00 - 10:30	Surgical Methods I (basic suture, ligature)	
10:30 - 11:00		
11:00 - 11:30		
11:30 - 12:00		
12:00 - 12:30	*Lunch*	
12:30 - 13:00		
13:00 - 13:30	Surgical Methods II (basic principles, instruments and tools)	Surgical Methods III (progressive suture, ligature)
13:30 - 14:00		
14:00 - 14:30		
14:30 - 15:00		
15:00 - 15:30		
15:30 - 16:00		
16:00 - 16:30	Surgical Methods III (progressive suture, ligature)	Surgical Methods II (basic principles, instruments and tools)
16:30 - 17:00		
17:00 - 17:30		
17:30 - 18:00		
18:00 - 18:30		
18:30 - 19:00		
19:00 - 19:30		
19:30 - 20:00	Welcome Garden Party	
20:00 - 20:30		
20:30 - 21:00		
21:00 - 21:30		
21:30 - 22:00		

Legend:

- theoretical lecture
- practical exercise
- free time
- ceremony

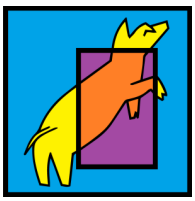


6th Summer School of Experimental Surgery
Pilsen 2019

Programme

2nd day **Tuesday, 2 July 2019**

<table>
<tr><th></th><th>Groups A and B</th><th>Groups C and D</th></tr>
<tr><td>9:00 - 9:30</td><td colspan="2" rowspan="3">Anesthesia of Experimental Animals I</td></tr>
<tr><td>9:30 - 10:00</td></tr>
<tr><td>10:00 - 10:30</td></tr>
<tr><td>10:30 - 11:00</td><td colspan="2" rowspan="3">Surgical Methods IV</td></tr>
<tr><td>11:00 - 11:30</td></tr>
<tr><td>11:30 - 12:00</td></tr>
<tr><td>12:00 - 12:30</td><td colspan="2" rowspan="2">Lunch</td></tr>
<tr><td>12:30 - 13:00</td></tr>
<tr><td>13:00 - 13:30</td><td rowspan="12">Experimental Practice I
(laparotomy, small intestine anastomosis, cholecystectomy, splenectomy, spleen resection, nephrectomy)</td><td rowspan="4">Anesthesia of Experimental Animals II</td></tr>
<tr><td>13:30 - 14:00</td></tr>
<tr><td>14:00 - 14:30</td></tr>
<tr><td>14:30 - 15:00</td></tr>
<tr><td>15:00 - 15:30</td><td rowspan="4">Introduction to Tissue Engineering</td></tr>
<tr><td>15:30 - 16:00</td></tr>
<tr><td>16:00 - 16:30</td></tr>
<tr><td>16:30 - 17:00</td></tr>
<tr><td>17:00 - 17:30</td><td rowspan="4"></td></tr>
<tr><td>17:30 - 18:00</td></tr>
<tr><td>18:00 - 18:30</td></tr>
<tr><td>18:30 - 19:00</td></tr>
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6th Summer School of Experimental Surgery
Pilsen 2019

Programme

3rd day **Wednesday, 3 July 2019**

	Groups A and B	Groups C and D
9:00 - 9:30	Basic Principles of Work on Operating Theatre (asepsis, operating room nursing and surgical procedure)	
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00	Surgical Methods V	
11:00 - 11:30		
11:30 - 12:00		
12:00 - 12:30	*Lunch*	
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		
14:30 - 15:00		
15:00 - 15:30		
15:30 - 16:00	Introduction to Tissue Engineering	
16:00 - 16:30		
16:30 - 17:00		
17:00 - 17:30		
17:30 - 18:00		
18:00 - 18:30		
18:30 - 19:00		
19:00 - 19:30		
19:30 - 20:00	Pilsen Sightseeing	
20:00 - 20:30		
20:30 - 21:00		
21:00 - 21:30		
21:30 - 22:00		

Programme

4th day **Thursday, 4 July 2019**

<table>
<tr><th></th><th>Groups A and B</th><th>Groups C and D</th></tr>
<tr><td>9:00 - 9:30</td><td colspan="2" rowspan="3">Biomechanics</td></tr>
<tr><td>9:30 - 10:00</td></tr>
<tr><td>10:00 - 10:30</td></tr>
<tr><td>10:30 - 11:00</td><td colspan="2" rowspan="3">Surgical Methods VI</td></tr>
<tr><td>11:00 - 11:30</td></tr>
<tr><td>11:30 - 12:00</td></tr>
<tr><td>12:00 - 12:30</td><td colspan="2" rowspan="2">Lunch</td></tr>
<tr><td>12:30 - 13:00</td></tr>
<tr><td>13:00 - 13:30</td><td rowspan="12">Experimental Practice II
(training of surgical procedures from first practice lesson)</td><td rowspan="4">Bioinformatics</td></tr>
<tr><td>13:30 - 14:00</td></tr>
<tr><td>14:00 - 14:30</td></tr>
<tr><td>14:30 - 15:00</td></tr>
<tr><td>15:00 - 15:30</td><td rowspan="4">Software Models</td></tr>
<tr><td>15:30 - 16:00</td></tr>
<tr><td>16:00 - 16:30</td></tr>
<tr><td>16:30 - 17:00</td></tr>
<tr><td>17:00 - 17:30</td><td></td></tr>
<tr><td>17:30 - 18:00</td><td></td></tr>
<tr><td>18:00 - 18:30</td><td></td></tr>
<tr><td>18:30 - 19:00</td><td></td></tr>
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Programme

5th day **Friday, 5 July 2019**

<table>
<tr><th></th><th>Groups A and B</th><th>Groups C and D</th></tr>
<tr><td>9:00 - 9:30</td><td colspan="2" rowspan="3">Translation of Experimental Study Results into Human Medicine</td></tr>
<tr><td>9:30 - 10:00</td></tr>
<tr><td>10:00 - 10:30</td></tr>
<tr><td>10:30 - 11:00</td><td colspan="2" rowspan="3">Experimental Surgery I
(ethical issues, principle of 3R, experimental models, examples of experimental work)</td></tr>
<tr><td>11:00 - 11:30</td></tr>
<tr><td>11:30 - 12:00</td></tr>
<tr><td>12:00 - 12:30</td><td colspan="2" rowspan="2">Lunch</td></tr>
<tr><td>12:30 - 13:00</td></tr>
<tr><td>13:00 - 13:30</td><td rowspan="4">Bioinformatics</td><td rowspan="9">Experimental Practice II
(training of surgical procedure from first practice lessons)</td></tr>
<tr><td>13:30 - 14:00</td></tr>
<tr><td>14:00 - 14:30</td></tr>
<tr><td>14:30 - 15:00</td></tr>
<tr><td>15:00 - 15:30</td><td rowspan="4">Software Models</td></tr>
<tr><td>15:30 - 16:00</td></tr>
<tr><td>16:00 - 16:30</td></tr>
<tr><td>16:30 - 17:00</td></tr>
<tr><td>17:00 - 17:30</td><td rowspan="3"></td></tr>
<tr><td>17:30 - 18:00</td></tr>
<tr><td>18:00 - 18:30</td></tr>
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Programme

6th day **Saturday, 6 July 2019**

	Groups A and B	Groups C and D
9:00 - 9:30	Canoeing on the River Berounka	
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00		
11:00 - 11:30		
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17:30 - 18:00		
18:00 - 18:30		
18:30 - 19:00		

Programme

7th day **Sunday, 7 July 2019**

	Groups A and B	Groups C and D
8:00 - 8:30	Prague Sightseeing	
8:30 - 9:00		
9:00 - 9:30		
9:30 - 10:00		
10:00 - 10:30		
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17:00 - 17:30		
17:30 - 18:00		
18:00 - 18:30		

Programme

8th day **Monday, 8 July 2019**

	Groups A and B	Groups C and D
9:00 - 9:30	Microbiology in Surgical Practice	
9:30 - 10:00		
10:00 - 10:30	Imaging Methods in Experiment	
10:30 - 11:00		
11:00 - 11:30		
11:30 - 12:00	Surgical Methods VII	
12:00 - 12:30	*Lunch*	
12:30 - 13:00		
13:00 - 13:30	Experimental Practice III (vascular suture, training of surgical procedures from first and second practice lesson, urether suturing)	Statistics
13:30 - 14:00		
14:00 - 14:30		
14:30 - 15:00		
15:00 - 15:30		
15:30 - 16:00		
16:00 - 16:30		
16:30 - 17:00		
17:00 - 17:30		
17:30 - 18:00		
18:00 - 18:30		
18:30 - 19:00		

Programme

9th day **Tuesday, 9 July 2019**

<table>
<tr><th></th><th>Groups A and B</th><th>Groups C and D</th></tr>
<tr><td>9:00 - 9:30</td><td colspan="2" rowspan="4">Experimental Surgery II</td></tr>
<tr><td>9:30 - 10:00</td></tr>
<tr><td>10:00 - 10:30</td></tr>
<tr><td>10:30 - 11:00</td></tr>
<tr><td>11:00 - 11:30</td><td colspan="2" rowspan="2">Experimenal Techniques at Cellular Level</td></tr>
<tr><td>11:30 - 12:00</td></tr>
<tr><td>12:00 - 12:30</td><td colspan="2" rowspan="2">Lunch</td></tr>
<tr><td>12:30 - 13:00</td></tr>
<tr><td>13:00 - 13:30</td><td rowspan="6">Statistics</td><td rowspan="12">Experimental Practice III
(vascular suture, training of surgical procedures from first and second practice lesson, urether suturing)</td></tr>
<tr><td>13:30 - 14:00</td></tr>
<tr><td>14:00 - 14:30</td></tr>
<tr><td>14:30 - 15:00</td></tr>
<tr><td>15:00 - 15:30</td></tr>
<tr><td>15:30 - 16:00</td></tr>
<tr><td>16:00 - 16:30</td><td rowspan="6"></td></tr>
<tr><td>16:30 - 17:00</td></tr>
<tr><td>17:00 - 17:30</td></tr>
<tr><td>17:30 - 18:00</td></tr>
<tr><td>18:00 - 18:30</td></tr>
<tr><td>18:30 - 19:00</td></tr>
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Programme

10th day **Wednesday, 10 July 2019**

<table>
<tr><th></th><th>Groups A and B</th><th>Groups C and D</th></tr>
<tr><td>9:00 - 9:30</td><td colspan="2"></td></tr>
<tr><td>9:30 - 10:00</td><td colspan="2" rowspan="3">Small Animal Experiments</td></tr>
<tr><td>10:00 - 10:30</td></tr>
<tr><td>10:30 - 11:00</td></tr>
<tr><td>11:00 - 11:30</td><td colspan="2" rowspan="2">Noncoding RNA biomarkers in gastrointestinal cancers: An Update</td></tr>
<tr><td>11:30 - 12:00</td></tr>
<tr><td>12:00 - 12:30</td><td colspan="2" rowspan="2">Lunch</td></tr>
<tr><td>12:30 - 13:00</td></tr>
<tr><td>13:00 - 13:30</td><td rowspan="12">Experimental Practice IV
(training of surgical procedures from previous lessons)</td><td rowspan="3">Preparation of Experimental Work</td></tr>
<tr><td>13:30 - 14:00</td></tr>
<tr><td>14:00 - 14:30</td></tr>
<tr><td>14:30 - 15:00</td><td rowspan="2">Corrosion Casting Techniques</td></tr>
<tr><td>15:00 - 15:30</td></tr>
<tr><td>15:30 - 16:00</td><td rowspan="10"></td></tr>
<tr><td>16:00 - 16:30</td></tr>
<tr><td>16:30 - 17:00</td></tr>
<tr><td>17:00 - 17:30</td></tr>
<tr><td>17:30 - 18:00</td></tr>
<tr><td>18:00 - 18:30</td></tr>
<tr><td>18:30 - 19:00</td></tr>
</table>

Programme

11th day **Thursday, 11 July 2019**

	Groups A and B	Groups C and D
7:00 - 7:30		Experimental Practice IV (training of surgical procedures from previous lessons)
7:30 - 8:00		
8:00 - 8:30		
8:30 - 9:00		
9:00 - 9:30	Corrosion Casting Techniques	
9:30 - 10:00		
10:00 - 10:30	Preparation of Experimental Work	
10:30 - 11:00		
11:00 - 11:30		
11:30 - 12:00		
12:00 - 12:30	*Lunch*	
12:30 - 13:00		
13:00 - 13:30		
13:30 - 14:00		
14:00 - 14:30	Pilsner Urquell Brewery Sightseeing	
14:30 - 15:00		
15:00 - 15:30		
15:30 - 16:00		
16:00 - 16:30		
16:30 - 17:00		
17:00 - 17:30	Laser Tag Party	
17:30 - 18:00		
18:00 - 18:30		
18:30 - 19:00		
19:00 - 19:30		
19:30 - 20:00		
20:00 - 20:30		
20:30 - 21:00		
21:00 - 21:30		
21:30 - 22:00		

Programme

12th day **Friday, 12 July 2019**

	Groups A and B	Groups C and D
9:00 - 9:30	Histological Methods in Experiment	
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00	Introduction to Oncological Treatment	
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		
13:30 - 14:00		
14:00 - 14:30		
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	
17:30 - 18:00		
18:00 - 18:30		
18:30 - 19:00		
19:00 - 19:30		
19:30 - 20:00		
20:00 - 20:30		
20:30 - 21:00		
21:00 - 21:30		
21:30 - 22:00		
22:00 - 22:30		