

<p>Activity Name:</p> <p><i>Small animal surgery, densitometry, imaging, biochemistry and haematology</i></p>	<p>Category: D. In-vitro toxicity studies</p> <p>Institute: Slovak Medical University</p> <p>Location: Limbova 12, 833 03 Bratislava, Slovakia</p> <p>Contact Details of Experts:</p> <p>Name: Zora Krivosikova, Anton Kebis, Katarina Amrusova, Kornelia Stefikova, Svatava Kasparova, Viera Spustova, Aurelia Liskova</p> <p>Phone: + 421 2 59370 748, + 421 2 59370 244</p> <p>Fax: + 421 2 59370 239</p> <p>E-mail: zora.krivosikova@szu.sk, anton.kebis@szu.sk, katarina.amrusova@szu.sk, kornelia.stefikova@szu.sk, svatava.kasparova@stuba.sk, viera.spustova@szu.sk, aurelia.liskova@szu.sk</p>
<p>Short technology description/Overview (approx 300 words):</p> <p>Installation for small animal surgery, densitometry, biochemistry, haematology and imaging (in cooperation with Slovak Technical University) is available at the Slovak Medical University.</p> <p>Contacts: <i>Small animal surgery:</i> Zora Krivosikova, RND, PhD, Anton Kebis, Ing, PhD, Katarina Amrusova DVM <i>Densitometry:</i> Kornelia Stefikova, MD, PhD <i>Imaging:</i> Svatava Kasparova, RND, PhD <i>Biochemistry – Viera Spustova, prof, MD, DSc, Zora Krivosikova, RND, PhD</i> <i>Haematology – Aurelia Liskova, RND, PhD</i></p> <p>Operation room: small animal surgery, blood pressure measurement, tread-mill for rodents</p> <p>Small animal surgery</p> <ul style="list-style-type: none"> Hepatectomy – preservation/reperfusion model of injury in isolated rat hepar Nephrectomy – model of chronic kidney damage Ovariectomy – model of postmenopausal osteoporosis Vessel occlusion – model of ischemic brain injury <p>Densitometry</p> <p>Imaging</p> <ul style="list-style-type: none"> Imaging & Spectroscopy by in vivo magnetic resonance – in cooperation with Slovak Technical University, Bratislava <p>Plasma and urine biochemistry – <i>Viera Spustova, prof., MD, DSc, Zora Krivosikova, RND, PhD,</i> Hematology – <i>Aurelia Liskova, RND, PhD.</i></p> <p>Conventional facility: mice, rats, guinea pigs, rabbits, pigs, chicken</p>	

Specific pathogen free facility: mice, rats

GMO facility: mice

Main Features (Equipment Capabilities):

- Nuclear magnetic resonance
- Blood and urine chemistry analyzer (Sysmex K-4500, Vitros 250)
- Densitometer

Any further Information:

