
A service provided by the Theodor Kocher Institute supported by the Medical Faculty and the Genaxen Foundation

<table>
<thead>
<tr>
<th>Service</th>
<th>Price</th>
<th>Details</th>
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<tbody>
<tr>
<td>Cryopreservation of mouse embryos</td>
<td>SFr. 1700.-</td>
<td><strong>We provide:</strong> &lt;br&gt;- Freezing of up to 300 embryos (≤4 freezing sessions) &lt;br&gt;- Storage in liquid nitrogen (5 years)</td>
<td><strong>You provide:</strong> &lt;br&gt;- 5 to 10 males (8-40 week-old) and 20-40 females (3-4 week-old)</td>
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<tr>
<td>Cryopreservation of mouse sperm (including quality testing by IVF)</td>
<td>SFr. 850.-</td>
<td><strong>We provide:</strong> &lt;br&gt;- Freezing of mouse sperm &lt;br&gt;- IVF for quality control using one straw &lt;br&gt;- Documentation &lt;br&gt;- Storage of 12 straws in liquid nitrogen (5 years)</td>
<td><strong>You provide:</strong> &lt;br&gt;- 2 previously successfully mated males (10-40 week-old)</td>
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<tr>
<td>Cryopreservation of mouse sperm and embryos by IVF (for recovery of offspring with multiple homozygous alleles)</td>
<td>SFr. 1150.-</td>
<td><strong>We provide:</strong> &lt;br&gt;- Freezing of mouse sperm (13 straws) &lt;br&gt;- Oocyte harvesting &lt;br&gt;- IVF (max. 2 sessions) &lt;br&gt;- Freezing of ~80 embryos</td>
<td><strong>You provide:</strong> &lt;br&gt;- 2 previously successfully mated males (10-40 week-old) &lt;br&gt;- 5-10 females (3-4 week-old)</td>
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<tr>
<td>In vitro fertilization (IVF) and embryo transfer (without health testing)</td>
<td>SFr. 1500.-</td>
<td><strong>We provide:</strong> &lt;br&gt;- IVF &lt;br&gt;- Collect embryos and transfer into at least two SPF recipients &lt;br&gt;- Freezing of remaining embryos</td>
<td><strong>You provide:</strong> &lt;br&gt;- Frozen mouse sperm</td>
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<tr>
<td>Rederivation and embryo transfer (without health testing)</td>
<td>SFr. 1260.-</td>
<td><strong>We provide:</strong> &lt;br&gt;- Harvest of fresh embryos and transfer into at least two SPF recipients &lt;br&gt;- Freezing of remaining embryos</td>
<td><strong>You provide:</strong> &lt;br&gt;- At least 3 males (10-40 week-old; previously successfully mated) or frozen embryos</td>
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<tr>
<td>Health Testing (according to FELASA recommendations)</td>
<td>SFr. 720.-</td>
<td><strong>We provide:</strong> &lt;br&gt;- Packing &lt;br&gt;- Shipping to MicroBios &lt;br&gt;- Test results</td>
<td><strong>Note:</strong> Proof of clean health status is required for transfer to other mouse facilities.</td>
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For additional information and project design, please contact:

Dr. Urban Deutsch  
Phone: 031 631 4144  
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## Transgenic Mouse Production and Genetic Engineering using CRISPR/Cas9 Technology

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### Service Details

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| C57BL/6J Transgenic Mouse Production                         | SFr. 6'000.- to SFr. 7’000.- (for BACs) | We provide:  
  - Help with plasmid design and project planning  
  - Microinjection of DNA in C57BL/6J oocytes and transfer in SPF recipients  
  - Biopsies from born mice  
  - Send transgene positive mice (at least 3) |  
  - Purified plasmid and PCR genotyping protocol  
  - PCR genotyping test | Proof of clean health status is required for transfer to other mouse facilities. |
| CRISPR/Cas9 mediated genetic engineering in C57BL/6J Mice   | SFr. 6'000.- to 8’000.- | We provide:  
  - Help with project planning and guide RNA design  
  - Microinjection of gRNA and Cas9 protein into C57BL/6J zygotes and transfer into SOPF recipients  
  - Biopsies from offspring  
  - At least 2 mice carrying InDel mutations. |  
  - Surveyor assay and/or other screening method. |                                          |
| Health Testing (according to FELASA recommendations)        | SFr. 720.-           | We provide:  
  - Packing  
  - Shipping to MicroBios  
  - Test results |                                                                 |                                          |

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