| Code | Title | Trainers | Location | Remark | Tuesday June 27 11:00-13:00 | Tuesday June 27 13:45-15:45 | Wednesday June 28 10:50-12:50 | Wednesday June 28 13:30-15:30 |
|---|---|---|---|---|---|---|---|---|
| 1a | Isolation and culturing of human colonic crypts and gastric epithelial cells from biops samples | *Orsolya Galamb, Alexandra Kalmár Béla Molnár* | 2nd Department of Medicine Szentkirályi utca 46, Budapest, H-1088 | Groups interconnected to each other. Upon choosing 1a or 1b, you have to choose the other one too. | not available | not available | not available | not available |
| 1b | Primary culture of GI epithelial cells - gastric and colorectal cells | *Anna Földes, Zoltán Zádori, Orsolya Galamb, Alexandra Kalmár* | First sub-group: 1st Department of Pathology, Üllői út 26, Budapest, H-1085 Second sub-group B: Department of Oral Biology, Theoretical Building Nagyvárad tér 4, Budapest, H-1089 | | | | | |
| 2 | Culturing pancreatic acinar and ductal cells, hepatocytes and cholangiocytes | *Petra Pallagi, Viktória Venglovecz* | Theoretical Building Nagyvárad tér 4, Budapest, H-1089 | | | | | |
| 3 | Co-culturing of GI and airway epithelial cells with commensal and pathogenic bacteria | *Orsolya Dobay, Ákos Zsembery* | Theoretical Building Nagyvárad tér 4, Budapest, H-1089 | | | | | |
| 4 | Patch clamping of cells in tissue slices | *László Kőles, Erzsébet Kató* | Theoretical Building Nagyvárad tér 4, Budapest, H-1089 | | | | not available | not available |
| 5 | Measurements of intracellular $Ca^{2+}$ concentration and membrane potential using fluorescence dyes in HAT-7 epithelial cells | *Kristóf Kádár, József Maléth, Shmuel Muallem* | Theoretical Building Nagyvárad tér 4, Budapest, H-1089 | | | | | |
| 6 | Measurements of intracellular pH using fluorescence dyes in HAT-7 epithelial cells | *Róbert Rácz, Zoltán Rakonczay, Ivana Novak* | Theoretical Building Nagyvárad tér 4, Budapest, H-1089 | | | | | |
| 7 | Detection of calcium signaling using energy transfer techniques in live cells | *Péter Várnai, Rita Matuska* | Basic Medical Science Building Tűzoltó utca 37-47, Budapest, H-1094 | | not available | | not available | |
| 8 | In silico modeling of epithelial ion transport using MATLAB | *Martin Steward, Beáta Kerémi* | Theoretical Building Nagyvárad tér 4, Budapest, H-1089 | | | | | |
| 9 | Studying ion channels using the patch-clamp technique | *László Csanády, Csaba Mihályi* | Basic Medical Science Building Tűzoltó utca 37-47, Budapest, H-1094 | | | not available | | not available |