



UMM Universitätsmedizin Mannheim, 68135 Mannheim



SPRECHER:
PROF. DR. S. GOERDT
KLINIK FÜR DERMATOLOGIE
VENEROLOGIE UND ALLERGOLOGIE

Hallmarks of Skin Cancer: 2-day hands on Laboratory Courses

| PIs | Topics |
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| Prof. Dr. P. Angel | Skin Biology and Pathology and SCC mouse models (animal experimentation, isolation/dissection/analysis of skin (epidermis, dermis) and keratinocytes) |
| Prof. Dr. Augustin Dr. M. Felcht | How to isolate and work with human endothelial cells |
| Prof. Dr. Augustin Dr. M. Felcht | Angiogenesis assays |
| Prof. Dr. S. Schneider | How to simulate in vivo blood flow by using microfluidic devices |
| Prof. Dr. A. Enk Dr. A. Lonsdorf | Chemokines, immune cell trafficking, migration (cell culture, transmigration assay, luminescence reporter assay system) |
| Prof. Dr. J. Sleeman | Lymphatic vessels (whole mount staining, lymphatic ring assay) |
| Prof. Dr. J. Sleeman | Orthotopic and Metastatic Mouse Models for Human Cancer |
| Prof. Dr. S. Goerdt PD Dr. C. Géraud | Isolation of primary liver sinusoidal endothelial cells from mice and rats |
| Prof. Dr. V. Umansky Dr. A. Schmieder | Study of myeloid cells from human peripheral blood |
| Prof. Dr. J. Utikal Dr. Larribere | Generation of iPS cells |
| Prof. Dr. J. Utikal Dr. Larribere | Isolation and culture of primary melanocytes and melanoma cells |
| Prof. Dr. K. Schäkel | Cytokine production of human blood dendritic cell |
| PD Dr. A. Cerwenka | NK Cell isolation and activation |

