

Surgical Research Day 2024

February 2nd, 2024, 12.00 - 17.00, Hörsaal Pathologie
Universitätsspital Basel, Schönbeinstrasse 40, 4031 Basel

12:00 - 12:50 Lunch

12:50 – 13:00 Introductory Note
Prof. Dirk J. Schaefer

13:00 – 13:30 Recipients Dirk Schäfer Wissenschaftspreis:

Dr. Loraine Kouba, Plastic and Handsurgery

Dr. Maximilian Burger, Plastic and Handsurgery

Dr. Manina Etter, Neurosurgery

Chair: Prof. Dirk J. Schaefer

Session 1, Chair: Prof. Stephanie Gros

13:30 - 13:42 PosESS-Study (Positioning in Endoscopic Skull Base Surgery): Tim Hallenberger,
semi-sitting versus supine: interim analysis of a randomized Neurosurgery
controlled trial

13:42 - 13:54 Novel patient-derived organoid xenograft models emulate Raphaëlle Servant,
molecular, functional, and clinical features of advanced Dept Biomedicine
prostate cancer

13:54 - 14:06 Association between perioperative prophylaxis with cefuroxime Isabella Bielicki,
plus metronidazole or amoxicillin/clavulanic acid and surgical Paediatric Surgery
site infections in paediatric uncomplicated appendectomy: a
Swiss retrospective cohort study

14:06 - 14:18 Prospective Multicenter Validation of the Stockholm3 Test in a Anas Elyan,
Central European Cohort Urology

Rapid fire presentations 1

14:18 - 14:21 Omission of Axillary Dissection Following Nodal Downstaging Martin Heidinger,
with Neoadjuvant Chemotherapy- the OPBC-04 OMA study Breast Center

14:21 - 14:24 Point Cloud Diffusion Models for Automatic Implant Generation Paul Friedrich,
Dept. Biomedical
Engineering

14:24 - 14:27 The impact of liver regeneration on tumor growth – a patient- Philipp Sedlaczek,
derived HCC organoid mouse model Dept. Biomedicine

14:27 - 14:30 Development and validation of a model predicting post- Thomas Stojanov,
operative shoulder stiffness by patients undergoing an Orthopedic Surgery and
arthroscopic rotator cuff repair in the context of the Traumatology
ARCR_Pred study

14:30 - 14:33	Investigating prostate cancer cellular heterogeneity and treatment response at single-cell level	Romuald Parmentier, Urology
14:33 - 14:36	Diagnostic accuracy of PET/CT in staging of colorectal cancer compared to conventional imaging	Rebecca Engel, Visceral Surgery
14:36 - 14:39	Smartphone 3D scans and AI: Bridging the gap from in silico to clinic for newborns with cleft lip and palate in low resource settings	José Wittor de M. Santos, Oral and Craniomaxillofacial Surgery
14:39 - 14:42	Long-Term Quality of Life after Hybrid Robot-assisted and Open Ivor Lewis Esophagectomy for Esophageal Cancer in a Single Center: a Comparative Analysis	Kerstin Neuschütz, Visceral Surgery
14:45 - 15:20	Refreshing Break	
	Session 2, Chair: Prof. Christian Wetterauer	
15:20 - 15:32	Neurotized Profunda Artery Perforator Flap for Subtotal and Total Tongue Reconstruction – Prospective Pilot Study	Nicole Speck, Plastic, Reconstructive, Aesthetic & Hand Surgery
15:32 - 15:44	Engineering of Bacterial Cellulose-Based (BC) Vascular Graft for Coronary Artery Bypass Grafting	Deborah Fusco, Dept Biomedicine
15:44 - 15:56	Pancreatic Resectability Evaluation through Deep Imaging with Computed Tomography in Pancreatic Cancer (PREDICT-PanC)	Vincent Ochs, Dept Biomedicine
15:56 - 16:08	Pathology concordance between robotic-assisted transperineal MRI/ultrasound fusion biopsy and radical prostatectomy - can robotic assistance help surpass the status quo?	Viktor Alargkof, Urology
16:08 - 16:20	Bone metastatic niche: advancing prospective models for investigating prostate cancer and bone microenvironment interactions	Andrea Mazzoleni, Dept Biomedicine
16:20 - 17:00	Keynote by Sonja Schrepfer: Stem Cell & Transplant Immunobiology, Cardiovascular Disease	Prof. Sonja Schrepfer, M.D., Ph.D., Division of Adult Cardiothoracic Surgery Director, Transplant and Stem Cell Immunobiology (TSI) Lab Joint appointment UKE Hamburg and UCSF
	Chair: Prof. Ivan Martin	
17:00 – 17:10	Closing remarks Prof. Dr. D. J. Schaefer	