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|---|----------------------------------|---|------------------------|-----------------|
| 52 | Glaser, Simone Franziska | Pressure-overload induced cardiac hypertrophy is associated with vascular malformations via up-regulation of Notch4 in endothelial cells. | Dimmeler, GU | |
| 53 | Goes, Maria | REG3β limits lymphatic drainage of cardiac leukocytes to mediastinal lymph nodes and the bone marrow and improves resolution of myocardial inflammation | Braun, BN | |
| 54 | Idrees, Hafiza | Bi-allelic variants in FLII cause pediatric cardiomyopathy by disrupting cardiomyocyte cell adhesion and myofibril organization | Reischauer, Gi | |
| 55 | Ishaque, Julia | Functional analysis of the Il11ra/Junb signaling cascade in fin fold regeneration | Reischauer, Gi | |
| 55a | Kawase, Haruya | Soluble Amyloid Precursor Protein-α mediates cardiac repair following myocardial infarction | Offermanns, BN | |
| 56 | Khadim, Ali | Role of myofibroblasts in lung development and repair | El Agha, Gi | |
| 57 | Kleinhenn, Vanessa | Role of the transcription factor RBPJ in the development of pulmonary hypertension? | Weissmann, Gi | |
| 58 | Li, Dongzhu | Implication of Clonal Hematopoiesis of Indeterminate Potential (CHIP) in pulmonary fibrosis | Pardo-Saganta, Gi | Teasersession 1 |
| 59 | Lingampally, Arun Kumar Reddy | Evidence for a lipofibroblast-to-Cthrc1pos myofibroblast reversible switch during the development and resolution of lung fibrosis | Bellusci, Gi | |
| 60 | Loku, Edma | FGF10 treatment repairs lung alveolar and vascular structures in mice after established emphysema and pulmonary hypertension | Weissmann, Gi | |
| 61 | Lopez, Melina | Chemogenetic generation of hydrogen peroxide in cardiac endothelial cells induces cardiac remodeling | Brandes, GU | |
| 62 | Luxán, Guillermo; Bodemer, Colin | Decorin induces inflammation, increased vascular permeability and contributes to cardiac dysfunction | Abplanalp, GU | |
| 63 | Marega, Manuela | Antifibrotic potential of the Heparane Sulfate mimetics | Bellusci, Gi | |
| 64 | Noori, Afshin | Epithelial Changes During Acute Injury in Precision-Cut Lung Slices | Bellusci, Gi | |
| 65 | Olapoju, Samuel | Role of MST1/2 kinases and its therapeutic modulation in PAH | Pullamsetti, Gi | |
| 66 | Rana, Mausam | Changing the epigenetic landscape contributes to regenerative reprogramming post cardiac injury in zebrafish | Reischauer, Gi | |
| 67 | Schäfer, Theresa | Impact of GM-CSF on lung epithelial cell injury and repair in severe influenza virus pneumonia | Herold, Gi | |
| 68 | Shahriari Felordi, Mahtab | Role of repair-supportive mesenchymal cells (RSMCs) in airway epithelial regeneration | El Agha, Gi | |
| 69 | Solomonidis, Emmanouil | Haematopoietic loss of KDM6A impairs cardiac recovery post myocardial infarction <i>via</i> pro-inflammatory myeloid cells | Abplanalp, GU | Teasersession 1 |
| 70 | Taghizadeh, Sara | Notch3 ⁺ AT2 subset represents a novel alveolar progenitor population in the context of lung alveolar regeneration | Pardo-Saganta, Gi | |
| 71 | Wionski, Sarah | The ω-Amidase/Nitrilase 2 (NIT2) contributes to angiogenic sprouting of endothelial cells | Brandes, GU | |
| Hubs and New Technologies, Chair: Marek Bartkuhn & Jaya Krishnan | | | | |
| 72 | Detleffsen, Jan | A standardized framework for single cell ATAC data analysis | Looso, BN | |
| 73 | Goymann, Philipp | BCU repository: the cloud based web frontend to access and explore CPI omics datasets | Looso, BN | |
| 74 | Hobein, Moritz | Predicting nucleosome positions using single-cell ATAC-seq data for multi-omics workflows | Looso, BN | |
| 75 | Juan, Thomas | Conditional knockdown of cardiac troponin T using Cre-Lox and degron strategies | Stainier, BN | |
| 76 | Kessler, Micha | Simplify single cell omics data analysis by a centralized repository and management tool for genomic markers | Looso, BN | |
| 77 | Merten, Maximilian | HLA alleles as a potential risk stratifier for chronic HF and T cell activation | Dimmeler/Abplanalp, GU | |
| 78 | Turkowski, Kati | Plasticity and heterogeneity of macrophages in lung tumors – integrative single cell omics | Savai, Gi | |
| 79 | Wang, Lei | Enhanced genetic cell lineage tracing and manipulation in the vasculature system | Braun, BN | |