



## **Abstract Programme**

**23 September 2020**

**Welle 7, Bern**

- 15:00-15:15**      **Welcome / Registration**
- 15:00-16:00**      **Rapid Fire Oral presentations 1 (3' presentation, 2' Q&A)**  
***Chairs: Prof. L. Nicod, Lausanne; Prof. M. Brutsche, St. Gallen***
- 15:00-15:03      Dan Adler, Geneva "Experimental dyspnea interferes with locomotion and cognition: a randomized trial"
- 15:06-15:09      Konstantinos Bitos, Zurich "Effect of high-flow oxygen on exercise performance in COPD. A randomized crossover trial"
- 15:12-15:15      Sophia Gutweniger, Zurich "Effect of nocturnal oxygen therapy on next-day exercise performance of COPD patients at 2048m. Data from a RCT"
- 15:18-15:21      Frank Rassouli, St. Gallen "Smartphone-based cough detection predicts asthma control – description of a novel, scalable digital biomarker"
- 15:24-15:27      Frank Rassouli, St. Gallen "The anatomy of asthma-related nocturnal cough – a potential new digital biomarker"
- 15:30-15:33      Jakob Usemann, Basel "Pulmonary dysfunction after treatment for childhood cancer – Comparing multiple-breath washout with spirometry"
- 15:36-15:39      Daniel Franzen, Zurich "Development of an animal model to induce airway stenosis and the placement of a 3D printed airway stent"
- 15:42-15:45      Simon Schneider, Zurich "Effect of normobaric hypoxia on constant work-rate cycle time in patients with precapillary pulmonary hypertension – a randomized crossover trial"
- 15:48-15:51      Nahal Mansouri, Lausanne "Role of extracellular vesicles in chemotherapy-induced lung metastasis"
- 15:54-15:57      Michael Maeder, St. Gallen "Novel definition of pulmonary hypertension: impact on classification and prognosis in patients with severe aortic stenosis"



**16:00-16:20**      **Posterwalk Group 1-3**

**Group 1**

***Chairs: Prof. M. Tamm, Basel; Dr. S. Guler, Bern***

1. Spencer Rezek, Winterthur "Outpatient pulmonary rehabilitation in COPD patients: A 12 years single center experience"
2. Arcangelo Carta, Zurich "Electrocardiographic changes and cardiac ischemia in lowlanders with COPD travelling to 3100m"
3. Maciej Paciorek, St. Gallen "Visualization and pattern detection in the dynamic of smoking lapse and relapse during smoking cessation"
4. Martina Riva, Zurich "Success rates and characteristics of smoking cessation outpatient clinic at the Cantonal Hospital in Winterthur"
5. Macé Schuurmans, Zurich "Clinical presentation and analysis of liquids used by patient with probable e-cigarette or vaping associated lung injury and bronchiolitis phenotype"

**Group 2 & 3**

***Chairs: Dr. Adler, Geneva; Prof. S. Ulrich, Zurich***

1. Frank Rassouli, St. Gallen "Telehealth vs. standard care in COPD – a randomized controlled trial"
2. Brice Touilloux, Lausanne "Association between obstructive syndrome and mental disorder – The PneumoLaus|PsyCoLaus study"
3. Dario Kohlbrenner, Zurich "CAir: quality-of-life management for COPD and asthma patients – a usability study"
4. Maximilian Bösch, St. Gallen "Tracking physical activity of COPD patients in a real-world setting"
5. Chloé Cantero, Geneva "Acute lupus pneumonitis as the initial presentation of systematic lupus erythematosus. A case report"

**16:20-16:30**      **Break**



**16:30-17:30 Rapid Fire Oral presentations 2 (3' presentation, 2' Q&A)**

***Chairs: Prof. Ch. von Garnier, Lausanne; Dr. Th. Sigrist, Barmelweid***

- 16:30-16:33 Jean-Pierre Zellweger, Bern "Surveillance of employees of the Swiss Reception Centers for asylum seekers for latent tuberculosis infection"
- 16:36-16:39 Amiq Gazdhar, Bern "Antifibrotic activities of SDF-1 in an animal model of lung fibrosis"
- 16:42-16:45 Sabina Guler, Bern "Change in 6-minute walk distance during pulmonary rehabilitation is associated with improved survival in patients with fibrotic interstitial lung disease"
- 16:48-16:51 Cecile Daccord, Lausanne "Prognostic value of bronchoalveolar lavage fluid CD103+CD4+/CD4+ ratio in sarcoidosis"
- 16:54-16:57 Nicolas Domon, Lausanne "Fatigue in sarcoidosis: are there correlations with inflammatory biomarkers?"
- 17:00-17:03 Katrin Hostettler, Basel "Diagnostic value of cryobiopsy in patients with interstitial lung diseases integrating bronchoalveolar lavage, radiologic and clinical data"
- 17:06-17:09 Katrin Hostettler, Basel "Fibrosis-specific stem-like cells in peripheral IPF lung: Characteristics and potential role"
- 17:12-17:15 Leslie Noirez, Lausanne "Transbronchial lung cryobiopsies: a single-center interventional pulmonology experience with first 25 cases"
- 17:18-17:21 Cecile Daccord, Lausanne "Squeaks in hypersensitivity pneumonitis: prevalence, clinical correlates and diagnostic value"
- 17:24-17:27 Arpad Hasenauer, Lausanne "Release of damage-associated molecular patterns (DAMPs) and cytokines by lung grafts in an experimental model of evlp and lung transplantation"



**17:30-17:50**      **Poster Walk Group 4-6**

**Group 4**

***Chairs: Prof. P. Gasche Socal, Geneva; Prof. M. Kohler, Zurich***

1. Claudio Schuoler, Baar "Prescription behavior of short-acting  $\beta$ 2-agonists in Switzerland"
2. Gunther Pendl, Baar "Oral corticosteroid prescription in asthma: Swiss situation"
3. Florent Baty, St. Gallen "Antecedent hospitalization history of patients newly diagnosed with COPD"
4. Brice Touiloux, Lausanne "The association of FVC with quality of life – The PneumoLaus|PsyCoLaus study"

**Group 5**

***Chairs: Dr. J. Plojoux, Geneva; Dr. T. Schneider, St.Gallen***

1. Liang Zhou, Basel "Bronchial thermoplasty may increase steroid sensitivity by upregulating the expression of the glucocorticoid receptor"
2. Michael Roth, Basel "Exogenous HSP60 stimulates airway smooth muscle cell remodeling via MAPK p38 pathway"
3. Andreas Schmid, Bern "Frequency and significance of pathologic pulmonary findings in postmortal diagnostics"
4. Fabian Blank, Bern "Regulatory T cells in bleomycin injured mouse lung"

**Group 6**

***Chairs: Dr. F. Gambazzi, Aarau, Dr. D. Franzen, Zurich***

1. Benoît Bédard, Geneva "Approach to primary spontaneous pneumothorax by surgeons: a national survey of current swiss practice"
2. Vasileios Ntinopoulos, Zurich "Open chest management after cardiac surgery: in-hospital outcomes and factors affecting mortality"
3. Vasileios Ntinopoulos "Active clearance of chest tubes after cardiac surgery: a propensity score matched analysis"
4. Ziyad Gunga, Lausanne "To assess whether 2-octyl cyanoacrylate skin adhesive (DERMABOND TM topical skin adhesive, Ethicon) is the ideal wound closure technique in cardiac surgery limiting surgical site infection"
5. Lukas Weber, St. Gallen "Impact of a volume challenge on hemodynamics and prognostic implications in patients with severe aortic stenosis"

**18:00**      **Award Ceremony**