



## Jochen Rüdiger

### **Kontakt**

Jochen Rüdiger

### **Bereiche**

Pneumologie und Schlafmedizin

## Publikationen (18)

Janssens J, Gex G, Uldry C, Strobel W, Solèr M, Schoch O, Rüdiger J, Ott S, Ognà A, Karrer W, Geenens A, Brill A, Adler D, Bloch K, Prella M, Schwarz E, Michel F, on behalf of the Special Interest Group on Ventilation and Oxygen Therapy of the Swiss Society of Pneumology. Long-Term Mechanical Ventilation: Recommendations of the Swiss Society of Pulmonology. *Respiration* 2020;1-36.

Buess M, Fiechter R, Sigrist T, Brun P, Barandun J, Koltai E, López-Campos J, Hartl S, Roberts M, Schumann D, Tamm M, Solèr M, Helfenstein E, Geiser T, Schilter D, Schneider T, Maurer M, Borer H, Thurnheer R, Köhler E, Junker L, Jahn K, Grob M, Rüdiger J, Stolz D. Treatment of COPD Exacerbation in Switzerland: Results and Recommendations of the European COPD Audit. *Respiration* 2017; 94:355-365.

Horvath C, Brutsche M, Baty F, Rüdiger J. Transcutaneous versus blood carbon dioxide monitoring during acute noninvasive ventilation in the emergency department – a retrospective analysis. *Swiss Med Wkly* 2016; 146:w14373.

Horvath C, Brutsche M, Schoch O, Schillig B, Baty F, vonOw D, Rüdiger J. NIV by an interdisciplinary respiratory care team in severe respiratory failure in the emergency department limited to day time hours. *Intern Emerg Med* 2016

Schönmann M, Thurnheer R, Senn O, Rüdiger J, Leuppi J, Irani S, Frey M, Brutsche M, Brack T, Clarenbach C, Sievi N, Kohler M. Physical activity and the frequency of acute exacerbations in patients with chronic obstructive pulmonary disease. *Lung* 2014; 193:63-70.

Nowak C, Thurnheer R, Rüdiger J, Leuppi J, Irani S, Frey M, Brutsche M, Brack T, Schlatzer C, Schwarz E, Clarenbach C, Sievi N, Kohler M. Accuracy of the hospital anxiety and depression scale for identifying depression in chronic obstructive pulmonary disease patients. *Pulm Med* 2014; 2014:973858.

Schoch O, Baty F, Niedermann J, Rüdiger J, Brutsche M. Baseline predictors of adherence to positive airway pressure therapy for sleep apnea: a 10-year single-center observational cohort study. *Respiration* 2013; 87:121-8.

Rüdiger J, Gencay M, Yang J, Bihl M, Tamm M, Roth M. Fast beneficial systemic anti-inflammatory effects of inhaled budesonide and formoterol on circulating lymphocytes in asthma. *Respirology* 2013; 18:840-7.

Baty F, Rüdiger J, Miglino N, Kern L, Borger P, Brutsche M. Exploring the transcription factor activity in high-throughput gene expression data using RLQ analysis. *BMC bioinformatics* 2013; 14:178.

Wassmer P, Chronis J, Rüdiger J, Boggian K. An uncommon reason for dyspnoea: phrenic paresis secondary to alveolar echinococcosis. *Eur Respir J.* 2012; 40:1053-5.

Yang J, Rüdiger J, Hughes J, Goulet S, Gencay-Cornelson M, Borger P, Tamm M, Roth M. Cell density and serum exposure modify the function of the glucocorticoid receptor C/EBP complex. *Am J Respir Cell Mol Biol* 2007; 38:414-22.

Leufgen H, Bihl M, Rüdiger J, Gambazzi J, Perruchoud A, Tamm M, Roth M. Collagenase expression and activity is modulated by the interaction of collagen types, hypoxia, and nutrition in human lung cells. *J Cell Physiol* 2005; 204:146-54.

Roth M, Black J, Burgess J, Hostettler K, Ge Q, King G, Rüdiger J, Bihl M, Borger P, Johnson P, Tamm M. Dysfunctional interaction of C/EBPalpha and the glucocorticoid receptor in asthmatic bronchial smooth-muscle cells. *N Engl J Med* 2004; 351:560-74.

Roth M, Johnson P, Rüdiger J, King G, Ge Q, Burgess J, Anderson G, Tamm M, Black J. Interaction between glucocorticoids and beta2 agonists on bronchial airway smooth muscle cells through synchronised cellular signalling. *Lancet* 2002; 360:1293-9.

Bihl M, Heinemann K, Rüdiger J, Eickelberg O, Perruchoud A, Tamm M, Roth M. Identification of a novel IL-6 isoform binding to the endogenous IL-6 receptor. *Am J Respir Cell Mol Biol* 2002; 27:48-56.

Rüdiger J, Roth M, Bihl M, Cornelius B, Johnson M, Ziesche R, Block L. Interaction of C/EBPalpha and the glucocorticoid receptor in vivo and in nontransformed human cells. *FASEB J* 2002; 16:177-84.

Eickelberg O, Roth M, Musmann R, Rüdiger J, Tamm M, Perruchoud A, Block L. Calcium channel blockers activate the interleukin-6 gene via the transcription factors NF-IL6 and NF-kappaB in primary human vascular smooth muscle cells. *Circulation* 1999; 99:2276-82.

Eickelberg O, Roth M, Lörx R, Bruce V, Rüdiger J, Johnson M, Block L. Ligand-independent activation of the glucocorticoid receptor by beta2-adrenergic receptor agonists in primary human lung fibroblasts and vascular smooth muscle cells. *J Biol Chem* 1999; 274:1005-10.

## Projekte (5)

**Immediate non-invasive ventilatory (NIV) support in patients with severe respiratory failure on the emergency ward (ED)- Experience of a 6 months pilot**

*Grundlagenforschung - 01.06.2013 - 01.01.2015*

*Abgeschlossen*

**Improved adherence to CPAP by Telemetric Support in Newly diagnosed OSAS Patients**

*Grundlagenforschung - 01.01.2013 - 01.03.2013*

*Abgeschlossen*

**The significance of Defensin alpha 4 in the pathophysiology of the adrenal insufficiency in inflammatory lung diseases**

*Grundlagenforschung - 01.09.2012 - 01.09.2013*

*Abgebrochen*

**The obstructive pulmonary disease outcomes cohort of Switzerland (TOP DOCS): phenotypes and vascular amage in COPD**

*Grundlagenforschung - 01.01.2012 - 31.12.2015*

*Automatisch geschlossen*

**A multicenter, double-blind, placebo-controlled phase 3 study to demonstrate the efficacy and safety of ACT-293987 in patients with pulmonary arterial hypertension**

*Klinische Forschung - 01.10.2009 - 01.04.2013*

*Abgebrochen*