



Jochen Rüdiger

Contact

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Units

Pneumologie und Schlafmedizin

Publications (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.

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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.

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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.

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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.

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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.

Projects (5)

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

Fundamental Research - Jun 1, 2013 - Jan 1, 2015

Completed

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

Fundamental Research - Jan 1, 2013 - Mar 1, 2013

Completed

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

Fundamental Research - Sep 1, 2012 - Sep 1, 2013

Aborted

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

Fundamental Research - Jan 1, 2012 - Dec 31, 2015

Automatically Closed

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

Clinical Studies - Oct 1, 2009 - Apr 1, 2013

Aborted