

Dr. Florent Baty



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research profile

academic status	Leitende(r) Arzt/Ärztin
department	I
faculty	Pneumologie/Schlafmedizin
position	Forschungskordinator
fields of research	Clinical research Genomics Statistics Multivariate analysis
former positions	Senior statistician, University Hospital Copenhagen Post-doc, University Hospital Basel

publications

title

journal paper/ review

Tinschert P, Rassouli F, Barata F, Steurer-Stey C, Fleisch E, Puhan M A, Brutsche M, Kowatsch T. Prevalence of nocturnal cough in asthma and its potential as a marker for asthma control (MAC) in combination with sleep quality: protocol of a smartphone-based, multicentre, longitudinal observational study with two stages. *BMJ Open* 2019; 9:e026323.

Sievi N A, Kohler M, Thurnheer R, Leuppi J D, Irani S, Frey M, Brutsche M, Brack T, Clarenbach C F. No impact of exacerbation frequency and severity on the physical activity decline in COPD: a long-term observation. *Int J Chron Obstruct Pulmon Dis* 2019; 14:431-437.

Hostettler K, Baty F, Kleiner R, Junker L, Tamm M, Brutsche M. Bosentan for patients with steroid-resistant pulmonary sarcoidosis: a randomised controlled trial. *Swiss Med Wkly* 2018; 148:w14677.

Brutsche M, Rassouli F, Gallion H, Kalra S, Roger V L, Baty F. Diagnostic diversity - an indicator of institutional and regional healthcare quality. *Swiss Med Wkly* 2018; 148:w14691.

Horvath C M, Jossen J, Kröll D, Nett P C, Baty F, Brill A K, Ott S R. Prevalence and Prediction of Obstructive Sleep Apnea Prior to Bariatric Surgery-Gender-Specific Performance of Four Sleep Questionnaires. *Obes Surg* 2018; 28:2720-2726.

Walker T M, Merker M, Knoblauch A M, Helbling P, Schoch O, van der Werf M J, Kranzer K, Fiebig L, Kröger S, Haas W, Hoffmann H, Indra A, Egli A, Cirillo D M, Robert J, Rogers T R, Groenheit R, Mengshoel A T, Mathys V, Haanperä M, Soolingen D v, Niemann S, Böttger E C, Keller P M, MDR-TB Cluster Consortium . A cluster of multidrug-resistant *Mycobacterium tuberculosis* among patients arriving in Europe from the Horn of Africa: a molecular epidemiological study. *Lancet Infect Dis* 2018; 18:431-440.

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Bloch K E, Huber F, Furian M, Latshang T D, Lo Cascio C M, Nussbaumer-Ochsner Y, Senn O, Russi E W, Kohler M, Schoch O, Turk A, Imhof E, Laube I, Matthews F, Thurnheer R. Autoadjusted versus fixed CPAP for obstructive sleep apnoea: a multicentre, randomised equivalence trial. *Thorax* 2017; 73:174-184.

Baty F, Joerger M, Früh M, Klingbiel D, Zappa F, Brutsche M. 24h-gene variation effect of combined bevacizumab/erlotinib in advanced non-squamous non-small cell lung cancer using exon array blood profiling. *J Transl Med* 2017; 15:66.

Horvath C M, Brutsche M, Schoch O, Schillig B, Baty F, vonOw D, Rüdiger J J. Erratum to: NIV by an interdisciplinary respiratory care team in severe respiratory failure in the emergency department limited to day time hours. *Intern Emerg Med* 2017; 12:1339.

Maeder M T, Schoch O, Kleiner R, Joerg L, Weilenmann D, Swiss Society For Pulmonary Hypertension . Pulmonary hypertension associated with left-sided heart disease. *Swiss Med Wkly* 2017; 147:w14395.

Annaheim S, Camenzind M, Schoch O, Brutsche M, Baty F, Rossi R. Session 59. Biosignal processing and monitoring IV. *Biomed Tech (Berl)* 2017; 62:s526-s530.

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Schaberg T, Bauer T, Brinkmann F, Diel R, Feiterna-Sperling C, Haas W, Hartmann P, Hauer B, Heyckendorf J, Lange C, Nienhaus A, Otto-Knapp R, Priwitzer M, Richter E, Rumetshofer R, Schenkel K, Schoch O, Schönfeld N, Stahlmann R. [Tuberculosis Guideline for Adults - Guideline for Diagnosis and Treatment of Tuberculosis including LTBI Testing and Treatment of the German Central Committee (DZK) and the German Respiratory Society (DGP)]. *Pneumologie* 2017; 71:325-397.

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Schoch O, Rieder H L. Behind the great walls. *Int J Tuberc Lung Dis* 2017; 21:601.

Mayer L M, Kahlert C R, Rassouli F, Vernazza P, Albrich W. Impact of viral multiplex real-time PCR on management of respiratory tract infection: a retrospective cohort study. *Pneumonia (Nathan)* 2017; 9:4.

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Baty F, Ritz C, Jensen S M, Kern L, Tamm M, Brutsche M. Multimodel inference applied to oxygen recovery kinetics after 6-min walk tests in patients with chronic obstructive pulmonary disease. *PLoS ONE* 2017; 12:e0187548.

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Cernomaz A T, Macovei I I, Pavel I, Grigoriu C, Marinca M, Baty F, Peter S, Zonda R, Brutsche M, Grigoriu B D. Comparison of next generation sequencing, SNaPshot assay and real-time polymerase chain reaction for lung adenocarcinoma EGFR mutation assessment. BMC Pulm Med 2016; 16:88.

Baty F, Ritz C, van Gestel A, Brutsche M, Gerhard D. Modeling the oxygen uptake kinetics during exercise testing of patients with chronic obstructive pulmonary diseases using nonlinear mixed models. BMC Med Res Methodol 2016; 16:66.

Rassouli F, Pfister M, Widmer S, Baty F, Burger B, Brutsche M. Telehealthcare for Chronic Obstructive Pulmonary Disease in Switzerland Is Feasible and Appreciated by Patients. Respiration 2016; 92:107-13.

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Maeder M T, Schoch O, Rickli H. A clinical approach to obstructive sleep apnea as a risk factor for cardiovascular disease. Vasc Health Risk Manag 2016; 12:85-103.

Rassouli F, Schoch O. Tobacco Smoking Kills Slowly, while Smoking on Oxygen Is a Burning Issue. Respiration 2016; 91:271-2.

Maeder M T, Mueller C, Schoch O, Ammann P, Rickli H. Biomarkers of cardiovascular stress in obstructive sleep apnea. Clin Chim Acta 2016; 460:152-63.

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paper/
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Horvath C M, Brutsche M, Baty F, ruediger j. Transcutaneous versus blood carbon dioxide monitoring during acute noninvasive ventilation in the emergency department - a retrospective analysis. Swiss Med Wkly 2016; 146:w14373.

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Baty F. NIV by an interdisciplinary respiratory care team in severe respiratory failure in the emergency department limited to day time hours. Intern Emerg Med 2016; 12:1215-1223.

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journal paper/ review

Baty F. NIV by an interdisciplinary respiratory care team in severe respiratory failure in the emergency department limited to day time hours. Intern Emerg Med 2016; 12:1215-1223.

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Baty F, Joerger M, Früh M, Brutsche M. 61PD 24h-blood profile gene expression biomarkers of the response to targeted therapy in advanced non-squamous non-small cell lung cancer (NSCLC). J Thorac Oncol 2016; 11:S81.

Neumair P, Joos L, Warschkow R, Dutly A, Ess S, Hitz F, Früh M, Brutsche M, Baty F, Krähenbühl S, cerny t, Joerger M. Erlotinib has comparable clinical efficacy to chemotherapy in pretreated patients with advanced non-small cell lung cancer (NSCLC): A propensity-adjusted, outcomes research-based study. Lung Cancer 2016; 100:38-44.

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Baty F. NIV by an interdisciplinary respiratory care team in severe respiratory failure in the emergency department limited to day time hours. Intern Emerg Med 2016; 12:1215-1223.

Baty F, Klingbiel D, Zappa F, Brutsche M. High-throughput alternative splicing detection using dually constrained correspondence analysis (DCCA). J Biomed Inform 2015;.

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franzini a, Baty F, Macovei I I, Durr O, Droege C, Betticher D, Grigoriu B D, Klingbiel D, Zappa F, Brutsche M. Gene expression signatures predictive of bevacizumab/erlotinib therapeutic benefit in advanced non-squamous non-small cell lung cancer patients (SAKK 19/05 trial). Clin Cancer Res 2015;.

Alexandrova E, Miglino N, Hashim A, Nassa G, Stellato C, Tamm M, Baty F, Brutsche M, Weisz A, Borger P. Small RNA profiling reveals deregulated phosphatase and tensin homolog (PTEN)/phosphoinositide 3-kinase (PI3K)/Akt pathway in bronchial smooth muscle cells from asthmatic patients. J Allergy Clin Immunol 2015;.

Kraff S, Nieuweboer A J M, Mathijssen R H J, Baty F, de Graan A J, van Schaik R H N, Jaehde U, Joerger M. Pharmacokinetically based dosing of weekly paclitaxel to reduce drug-related neurotoxicity based on a single sample strategy. Cancer Chemother Pharmacol 2015;.

Baty F. Contrasting seasonal and interannual environmental drivers in bacterial communities within shallow large lake: evidence from a seven year survey. Aquatic Microbial Ecology 2015;.

Frasnelli M, Baty F, Niedermann J, Brutsche M, Schoch O. Effect of telemetric monitoring in the first 30 days of continuous positive airway pressure adaptation for obstructive sleep apnoea syndrome - a controlled pilot study. J Telemed Telecare 2015; 22:209-14.

Baty F. A toolbox for nonlinear regression in R: the package nlstools. Journal of Statistical Software 2015; 66:1-21.

Blauenfeldt T, Wagner D, Aabye M, Heyckendorf J, Lange B, Lange C, Ernst M, Ravn P, Duarte R, Morais C, Hoffmann M, Schoch O, Dominguez J, Latorre I, Ruhwald M. Thermostability of IFN- γ and IP-10 release assays for latent infection with Mycobacterium tuberculosis: A TBnet study. Tuberculosis (Edinb) 2015; 98:7-12.

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bednarz s, Filipovic M, Schoch O, Mauermann E. Gastric rupture after bag-mask-ventilation. *Respir Med Case Rep* 2015; 16:1-2.

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Dusemund F, Chronis J, Baty F, Albrich W C, Brutsche M. The outcome of community-acquired pneumonia in patients with chronic lung disease: a case-control study. *Swiss Med Wkly* 2014; 144:w14013.

van Gestel A J R, Baty F, Rausch-Osthof A K, Brutsche M. Cardiopulmonary and gas-exchange responses during the six-minute walk test in patients with chronic obstructive pulmonary disease. *Respiration* 2014; 88:307-14.

Valmaggia C, Baty F, Lang C, Helbig H. Ocular injuries with a metallic foreign body in the posterior segment as a result of hammering: the visual outcome and prognostic factors. *Retina (Philadelphia, Pa)* 2014; 34:1116-22.

Kern L, Condrau S, Baty F, Wiegand J, van Gestel A J, Azzola A, Tamm M, Brutsche M. Oxygen kinetics during 6-minute walk tests in patients with cardiovascular and pulmonary disease. *BMC Pulm Med* 2014; 14:167.

Joerger M, Baty F, Früh M, Droege C, Stahel R A, Betticher D C, von Moos R, Ochsenbein A, Pless M, Gautschi O, Rothschild S, Brauchli P, Klingbiel D, Zappa F, Brutsche M. Circulating microRNA profiling in patients with advanced non-squamous NSCLC receiving bevacizumab/erlotinib followed by platinum-based chemotherapy at progression (SAKK 19/05). *Lung Cancer* 2014; 85:306-13.

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title

journal paper/ review

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Baty F, Rothschild S, Früh M, Betticher D, Dröge C, Cathomas R, Rauch D, Gautschi O, Bubendorf L, Crowe S, Zappa F, Pless M, Brutsche M, Swiss Group for Clinical Cancer Research . EGFR Exon-Level Biomarkers of the Response to Bevacizumab/Erlotinib in Non-Small Cell Lung Cancer. PLoS ONE 2013; 8:e72966.

Baty F, Putora P M, Isenring B, Blum T, Brutsche M. Comorbidities and Burden of COPD: A Population Based Case-Control Study. PLoS ONE 2013; 8:e63285.

Baty F, ruediger 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.

Schoch O, Baty F, Niedermann J, ruediger 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.

publications

title

journal paper/ review

Rajski M, Vogel B, Baty F, Rochlitz C, Buess M. Global gene expression analysis of the interaction between cancer cells and osteoblasts to predict bone metastasis in breast cancer. PLoS ONE 2012; 7:e29743.

Gautschi O, Dingemans A M, Crowe S, Peters S, Roder H, Grigorieva J, Roder J, Zappa F, Pless M, Brutsche M, Baty F, Bubendorf L, Hsu Schmitz S F, Na K J, Carbone D, Stahel R, Smit E. VeriStrat® has a prognostic value for patients with advanced non-small cell lung cancer treated with erlotinib and bevacizumab in the first line: pooled analysis of SAKK19/05 and NTR528. Lung Cancer 2012; 79:59-64.

Chhajed P N, Chaudhari P, Tulasigeri C, Kate A, Kesarwani R, Miedinger D, Leuppi J, Baty F. Infraclavicular sensor site: a new promising site for transcutaneous capnography. Scand J Clin Lab Invest 2012; 72:340-2.

Miglino N, Roth M, Baty F, Brutsche M, Tamm M, Borger P. Asthma and the regulated retrotransposon transcriptome. Eur Respir J 2012; 40:788-90.

Chhajed P N, Somandin S, Baty F, Mehta A J, Azzola A, Leuppi J, Tamm M, Brutsche M. Therapeutic bronchoscopy for malignant airway stenoses: choice of modality and survival. J Cancer Res Ther 2010; 6:204-9.

Baty F, Facompré M, Kaiser S, Schumacher M, Pless M, Bubendorf L, Savic S, Marrer E, Budach W, Buess M, Kehren J, Tamm M, Brutsche M. Gene profiling of clinical routine biopsies and prediction of survival in non-small cell lung cancer. American journal of respiratory and critical care medicine 2010; 181:181-8.

Bisgaard H, Hermansen M N, Bønnelykke K, Stokholm J, Baty F, Skytt N L, Aniscenko J, Kebabdzé T, Johnston S L. Association of bacteria and viruses with wheezy episodes in young children: prospective birth cohort study. BMJ 2010; 341:c4978.

publications

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**journal
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review**

Herth F J F, Peter S, Baty F, Eberhardt R, Leuppi J D, Chhajed P N. Combined airway and oesophageal stenting in malignant airway-oesophageal fistulas: a prospective study. *Eur Respir J* 2010; 36:1370-4.

Brasholt M, Baty F, Bisgaard H. Physical activity in young children is reduced with increasing bronchial responsiveness. *J Allergy Clin Immunol* 2010; 125:1007-12.

Tueller C, Azzola A, Baty F, Condrau S, Wiegand J, Tamm M, Brutsche M. Six-minute walk test enhanced by mobile telemetric cardiopulmonary monitoring. *Respiration* 2010; 80:410-8.

Liu T, Jankovic D, Brault L, Ehret S, Baty F, Stavropoulou V, Rossi V, Biondi A, Schwaller J. Functional characterization of high levels of meningioma 1 as collaborating oncogene in acute leukemia. *Leukemia* 2010; 24:601-12.

Bisgaard H, Bønnelykke K, Sleiman P M A, Brasholt M, Chawes B, Kreiner-Møller E, Stage M, Kim C, Tavendale R, Baty F, Phipps C B, Palmer C N A, Hakonarsson H. Chromosome 17q21 gene variants are associated with asthma and exacerbations but not atopy in early childhood. *American journal of respiratory and critical care medicine* 2009; 179:179-85.

Deubelbeiss U, Gemperli A, Schindler C, Baty F, Brutsche M. Prevalence of sarcoidosis in Switzerland is associated with environmental factors. *The European respiratory journal : official journal of the European Society for Clinical Respiratory Physiology* 2009;.

Chhajed P N, Miedinger D, Baty F, Bernasconi M, Heuss L T, Leuppi J D, Tamm M. Comparison of combined oximetry and cutaneous capnography using a digital sensor with arterial blood gas analysis. *Scandinavian journal of clinical and laboratory investigation* 2009;.

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Maurer M, Simonett D, Brutsche M. Challenge of exercise-induced asthma and exercise-induced bronchoconstriction. *Expert Rev Respir Med* 2009; 3:13-9.

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Jankovic D, Gorello P, Liu T, Ehret S, La Starza R, Desjobert C, Baty F, Brutsche M, Jayaraman P S, Santoro A, Mecucci C, Schwaller J. Leukemogenic mechanisms and targets of a NUP98/HHEX fusion in acute myeloid leukemia. *Blood* 2008; 111:5672-82.

Schafroth Török S, Leuppi J D, Baty F, Tamm M, Chhajed P N. Combined oximetry-cutaneous capnography in patients assessed for long-term oxygen therapy. *Chest* 2008; 133:1421-5.

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Savic S, Tapia C, Grilli B, Ruffle A, Bihl M P, de Vito Barascud A, Herzog M, Terracciano L, Baty F, Bubendorf L. Comprehensive epidermal growth factor receptor gene analysis from cytological specimens of non-small-cell lung cancers. *British journal of cancer* 2008; 98:154-60.

Baty F, Jaeger D, Preiswerk F, Schumacher M M, Brutsche M. Stability of gene contributions and identification of outliers in multivariate analysis of microarray data. *BMC bioinformatics* 2008; 9:289.

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Bihl M P, Laule-Kilian K, Bubendorf L, Rutherford R M, Baty F, Kehren J, Eryüksel E, Staedtler F, Yang J Q, Goulet S, Gilmartin J J, Tamm M, Brutsche M. Progressive pulmonary sarcoidosis--a fibroproliferative process potentially triggered by EGR-1 and IL-6. *Sarcoidosis, vasculitis, and diffuse lung diseases : official journal of WASOG / World Association of Sarcoidosis and Other Granulomatous Disorders* 2006; 23:38-50.

Chhajed P N, Baty F, Pless M, Somandin S, Tamm M, Brutsche M. Outcome of treated advanced non-small cell lung cancer with and without central airway obstruction. *Chest* 2006; 130:1803-7.

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Delignette-Muller M L, Baty F, Cornu M, Bergis H. Modelling the effect of a temperature shift on the lag phase duration of *Listeria monocytogenes*. *International journal of food microbiology* 2005; 100:77-84.

Lamy B, Delignette-Muller M L, Baty F, Carret G. Simple table for estimating confidence interval of discrepancy frequencies in microbiological safety evaluation. *Journal of microbiological methods* 2004; 56:137-9.

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Baty F, Delignette-Muller M L. Estimating the bacterial lag time: which model, which precision?. *International journal of food microbiology* 2004; 91:261-77.

Devulder G, Perrière G, Baty F, Flandrois J P. BIBI, a bioinformatics bacterial identification tool. *Journal of clinical microbiology* 2003; 41:1785-7.

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Latshang T D, Schoch O. [Lung diseases and altitude mountaineering]. *Ther Umsch* 74:555-562.

book chapter

Früh M, Baty F, Putora P M, & Brutsche M (2011). Advances in Personalized Cancer Management. In *Advances in Personalized Cancer Management* (pp. 58-67). London: Future Medicine Ltd.

conference paper/ poster

Neumair P, Joos L, Warschkow R, Ess S, Hitz F, Früh M, Brutsche M, Baty F, Krähenbühl S, & Joerger M (2016). Chemotherapy is not superior to erlotinib in pretreated patients with advanced non-small cell lung cancer (NSCLC): A retrospective study: Abstrakt 169P. In *J Thorac Oncol.* 11(4 Suppl) (pp. 131): Elsevier.

Baty F (2012). EGFR exon-level biomarkers of the response to bevacizumab-erlotinib in advanced non-squamous non-small cell lung cancer (NSCLC): A translational substudy of SAKK 19/05. In *Proceedings of the American Thoracic Society* (pp. 1): American Thoracic Society.

publications

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**conference
paper/
poster**

Ludwig P, Putora P M, Rogenmoser G, Plasswilm L, Baty F, & Brutsche M (2010). Factors influencing the success rates of smoking cessation intervention. In Swiss Med Wkly 2010; 140(Suppl 179) (pp. 16-17S): Editores Medicorum Helveticorum.

Putora P M, Baty F, Ludwig P, Rogenmoser G, Plasswilm L, & Brutsche M (2010). The Influence of Malignancy and Referring Department on Smoking Cessation Success. In Journal of Thoracic Oncology 5:5 May 2010 (pp. 53): WK, LWW.



projects

title	status
The role of physical activity, malnutrition and sarcopenia for the prediction of acute exacerbations and the evolution of COPD assessment test (CAT) in patients with COPD	ongoing - recruiting phase
Asthma control Prediction	ongoing - recruiting phase
Effect of induction chemotherapy on lung function measured by spiroergometry and 6-Minute walking test in patients affected by non-small cell lung cancer (NSCLC)	scheduled
Azithromycin for the treatment of cough in idiopathic pulmonary fibrosis	ongoing - recruiting phase
Prevalence and functional role of read-through fusion transcripts in lung cancer	ongoing - recruiting phase

projects

title	status
A randomised controlled, international, multicentre crossover trial. We want to test, whether telehealthcare can improve HRQOL and reduce emergency admissions and hospitalisations due to AECOPD	automatically closed
A multicenter, randomized, 52-week, double-blind, parallel group, active controlled study to compare the efficacy and safety of QVM149 with QMF149 in patients with asthma	scheduled

projects

title	status
A 52-week, multicenter, randomized, double-blind, placebocontrolled study to assess the efficacy and safety of QAW039 when added to existing asthma therapy in patients with uncontrolled severe asthma	scheduled
Cardiopulmonary- and hemodynamic responses during positive and negative airway pressure in patients with chronic obstructive pulmonary disease	automatically closed
Characterizing sleep apnea by using a wearable electro EMPA cardiogram device	automatically closed
Effect of counselling during pulmonary rehabilitation on self-determined motivation towards physical activity in patients with Chronic Obstructive Pulmonary Disease	automatically closed

projects

title	status
Cardiopulmonary- and hemodynamic responses during positive and negative airway pressure in patients with chronic obstructive pulmonary disease (COPD)	automatically closed
Predictive and prognostic value of integrated exon-level expression to approach drug-response and resistance to EGFR-targeted treatment in non-small cell lung cancer	automatically closed
LONGACT study	aborted
Telehealthcare in COPD - a Feasibility Trial	completed
Blood pressure variability during the 6-minute walk test in patients with Chronic Obstructive Pulmonary Disease (COPD): A case-control study	completed
Airway microbiota resistome in CF - impact on clinical management	automatically closed
Telemedicine to enhance CPAP adherence in OSAS - A randomized placebo-controlled prospective study	completed

projects

title	status
Thorakoskopische Handheld-SPECT gesteuerte Ektomie von radioaktiv-markierten pulmonalen Rundherden	automatically closed
Genome-wide Gene/Exon expression analysis of late stage NSCLC treated by Erlotinib /Bevacizumab: role of tumor-stroma interactions	completed
Improved adherence to CPAP by Telemetric Support in Newly diagnosed OSAS Patients	completed
Systems biology approach to molecularly characterize the lung cancer microenvironment	completed

projects

title	status
Circulating micro-RNA profiling in patients with advanced non-squamous non small-cell lung cancer receiving bevacizumab/erlotinib first-line treatment followed by platinum-based chemotherapy at disease progression (SAKK 19/05)	completed
Significant reduction of AECOPD hospitalizations after implementation of a public smoking ban in Graubünden, Switzerland	completed
Integrative Translational Research Network for Lung Cancer (ITRNLC)	completed
The significance of Defensin alpha 4 in the pathophysiology of the adrenal insufficiency in inflammatory lung diseases	aborted
Comorbidities and burden of COPD: a population based case-control study	completed
St. Gallen Lung Biopsy Biobank - An interdisciplinary collaboration in pulmonary medicine	automatically closed
Pleural pharmacokinetics of moxifloxacin and amoxicillin-clavulanate in the context of parapneumonic pleural effusions and empyema	completed



projects

title	status
Eine randomisierte, aktiv kontrollierte, doppelblinde, Double-Dummy, multizentrische Parallelgruppen-Studie zum Vergleich der Wirksamkeit und Sicherheit von 2,5µg und 5 µg Tiotropium-Inhalations-Lösung, inhaliert mittels Respimat®-Inhalator gegenüber Tiotropium-Inhalationskapseln 18µg, inhaliert mittels HandiHaler® TIOSPIR-Studie	completed
An extension study to QTI571A2301 to evaluate the longterm safety, tolerability and efficacy of oral QTI571 (imatinib) in the treatment of severe pulmonary arterial hypertension: IMPRESS Extension	aborted
Randomized placebo-controlled, double-blind exploratory trial of Bosentan for steroid resistant pulmonary sarcoidosis - the BOSSA study	completed