

Publications LBI members 2019-2023

Original articles 2023

LBI for LH LEAD

Prevalence of restrictive lung function in children and adults in the general population.

Schiffers C, Ofenheimer A, Breyer MK, Mraz T, Lamprecht B, Burghuber OC, Hartl S, Wouters EFM, Breyer-Kohansal R.

Respir Med. 2023 Apr-May;210:107156. IF: 4.582

Asthma Prevalence and Phenotyping in the General Population: The LEAD (Lung, hEart, sociAl, boDy) Study.

Schiffers C, Wouters EFM, Breyer-Kohansal R, Buhl R, Pohl W, Irvin CG, Breyer MK, Hartl S. J Asthma Allergy. 2023 Apr 8;16:367-382. IF: 2.515

LBI for LH others

CT airway remodelling and chronic cough

Abozid H, Kirby M, Nasir N, Hartl S, Breyer-Kohansal R, Breyer MK, Burghuber OC, Bourbeau J, Wouters EFM, Tan W; CanCOLD Collaborative research Group and the Canadian Respiratory Research Network

BMJ Open Respir Res 2023 May;10(1):e001462. IF: 4.584

LBI for LH affiliated

Biomarker-based clustering of patients with chronic obstructive pulmonary disease.

Vanfleteren LEGW, Weidner J, Franssen FME, Gaffron S, Reynaert NL, Wouters EFM, Spruit MA.

ERJ Open Res. 2023 Feb 6;9(1):00301-2022. IF: 33.795

Combined analysis of five non-interventional studies of the effectiveness, tolerability, and safety of the extrafine fixed dose beclomethasone/formoterol combination in the treatment of asthma in Austria.

Renner A, Marth K, Breyer-Kohansal R, Pohl W.

Respir Med. 2023 Feb;207:107097. doi: 10.1016/j.rmed.2022.107097. IF: 4.582

Small airways obstruction and its risk factors in the Burden of Obstructive Lung Disease (BOLD) study: a multinational cross-sectional study.

Knox-Brown B, Patel J, Potts J, Ahmed R, Aquart-Stewart A, Cherkaski HH, Denguezli M, Elbiaze M, Elsony A, Franssen FME, Ghobain MA, Harrabi I, Janson C, Jögi R, Juvekar S, Lawin H, Mannino D, Mortimer K, Nafees AA, Nielsen R, Obaseki D, Paraguas SNM, Rashid A, Loh LC, Salvi S, Seemungal T, Studnicka M, Tan WC, Wouters EEFM, Barbara C, Gislason T, Gunasekera K, Burney P, Amaral AFS; BOLD Collaborative Research Group. Lancet Glob Health. 2023 Jan;11(1):e69-e82. IF: 202.731

Reviews and editorials 2023

The Pleiotropic Role of Vitamin K in Multimorbidity of Chronic Obstructive Pulmonary Disease.

Piscaer I, Janssen R, Franssen FME, Schurgers LJ, Wouters EFM. J Clin Med. 2023 Feb 5;12(4):1261. doi: 10.3390/jcm12041261. IF: 5.410

Original articles 2022

LBI for LH LEAD

Increasing test specificity without impairing sensitivity: lessons learned from SARS-CoV-2 serology.

Perkmann T, Koller T, Perkmann-Nagele N, Ozsvar-Kozma M, Eyre D, Matthews P, Bown A, Stoesser N, Breyer MK, Breyer-Kohansal R, Burghuber OC, Hartl S, Aletaha D, Sieghar D, Quehenberger P, Marculescu R, Mucher P, Radakovics A, Klausberger M, Duerkop M, Holzer B, Hartmann B, Strassl R, Leitner G, Grebien F, Gerner W, Grabherr R, Wagner OF, Binder CJ, Haslacher H. J Clin Pathol. 2022 Aug 30;jclinpath-2022-208171. Online ahead of print. IF:3.61

Aero-allergen sensitization in the general population: Longitudinal analyses of the LEAD (Lung Heart Social Body) Study.

Köllli F, Breyer MK, Hartl S, Burghuber OC, Wouters EFM, Sigsgaard T, Pohl W, Kohlböck G, Breyer-Kohansal R. J Asthma Allergy. 2022 Apr 11;15:461-473. eCollection 2022. IF: 4.258.

Distribution of chronic cough phenotypes in the general population: A cross-sectional analysis of the LEAD cohort in Austria.

Abozid H, Baxter CA, Hartl S, Braun E, Salomonsson S, Breyer-Kohansal R, Breyer MK, Wouters EFM, Agusti A, Burghuber OC. Respir Med. 2022 Feb;192:106726. IF: 3.415.

Changes in lung function in European adults born between 1884 and 1996 and implications for the diagnosis of lung disease: a cross-sectional analysis of ten population-based studies.

Allinson JP, Afzal S, Çolak Y, Jarvis D, Backman H, van den Berge M, Boezen HM, Breyer MK, Breyer-Kohansal R, Brusselle G, Burghuber OC, Faner R, Hartl S, Lahousse L, Langhammer A, Lundbäck B, Nwaru BI, Rönmark E, Vikjord SAA, Vonk JM, Wijnant SRA, Lange P,

Nordestgaard BG, Olvera N, Agusti A, Donaldson GC, Wedzicha JA, Vestbo J, Vanfleteren LEGW; CADSET Clinical Research Collaboration.
Lancet Respir Med. 2022 Jan;10(1):83-94. IF: 30.700.

LBI for LH affiliated

Cardiovascular predictors of mortality and exacerbations in patients with COPD.

Alter P, Lucke T, Watz H, Andreas S, Kahnert K, Trudzinski FC, Speicher T, Söhler S, Bals R, Waschki B, Welte T, Rabe KF, Vestbo J, Wouters EFM, Vogelmeier CF, Jörres RA.
Sci Rep. 2022 Dec 19;12(1):21882. IF: 4.996

Association of respiratory symptoms and lung function with occupation in the multinational Burden of Obstructive Lung Disease (BOLD) study.

Ratanachina J, Amaral AFS, De Matteis S, Lawin H, Mortimer K, Obaseki DO, Harrabi I, Denguezli M, Wouters EFM, Janson C, Nielsen R, Gulsvik A, Cherkaski HH, Mejza F, Anand MP, Elsony A, Ahmed R, Tan W, Cher LL, Rashid A, Studnicka M, Nafees AA, Seemungal T, Aquart-Stewart A, Al Ghobain M, Zheng J, Juvekar S, Salvi S, Jogi R, Mannino D, Gislason T, Buist AS, Cullinan P, Burney P, BOLD Collaborative Research Group.
Eur Respir J. 2022 Aug 25;2200469. Online ahead of print. IF: 16.671

Disease Progression and Age as Factors Underlying Multimorbidity in Patients with COPD: Results from COSYCONET

Alter P, Kahnert K, Trudzinski FC, Bals R, Watz H, Speicher T, Söhler S, Andreas S, Welte T, Rabe KF, Wouters EFM, Sassmann-Schweda A, Wirtz H, Ficker JH, Vogelmeier CF, Jörres RA.
Int J Chron Obstruct Pulmon Dis. 2022 Jul 29;17:1703-1713. eCollection 2022. IF: 3.355

Morphine for chronic breathlessness in COPD: improvement predictors-cross-sectional study

Verberkt CA, van den Beuken-Everdingen MHJ, Schols JMGA, Wouters EFM, Janssen DJA.
BMJ Support Palliat Care. 2022 Jul 18;bmjspcare-2022-003693. IF: 3.568

Differences in the Measurement of Functional Residual Capacity Between Body Plethysmographs of Two Manufacturers

Alter P, Orszag J, Wouters EFM, Vogelmeier CF, Jörres RA.
Int J Chron Obstruct Pulmon Dis. 2022 Jun 24;17:1477-1482. eCollection 2022. IF: 3.355

Comorbidity clusters in patients with moderate-to-severe OSA.

Testelmans D, Spruit MA, Vrijsen B, Sastry M, Belge C, Kalkanis A, Gaffron S, Wouters EFM, Buyse B.
Sleep Breath. 2022 Mar;26(1):195-204. Epub 2021 May 3. IF: 2.816.

Differential Outcomes Following 4 Weeks of Acclidinium/Formoterol in Patients with COPD: A Reanalysis of the ACTIVATE Study.

Koopman M, Franssen FME, Gaffron S, Watz H, Troosters T, Garcia-Aymerich J, Paggiaro P, Molins E, Moya M, van Burk L, Maier D, Garcia Gil E, Wouters EFM, Vanfleteren LEGW, Spruit MA.

Int J Chron Obstruct Pulmon Dis. 2022;17:517-533. IF: 3.792.

Restricted spirometry and cardiometabolic comorbidities: results from the international population based BOLD study

Kulbacka-Ortiz K, Triest FJJ, Franssen FME, Wouters EFM, Studnicka M, Vollmer WM, Lamprecht B, Burney PGJ, Amaral AFS, Vanfleteren LEGW. *Respir Res.* 2022 Feb 17;23(1):34. IF 4.916.

Multidimensional outcome assessment of pulmonary rehabilitation in traits-based clusters of COPD patients.

Augustin IML, Franssen FME, Houben-Wilke S, Janssen DJA, Gaffron S, Pennings HJ, Smeenk FWJM, Pieters WR, Hoogerwerf A, Michels AJ, van Merode F, Wouters EFM, Spruit MA. *PLoS One.* 2022 Feb 17;17(2):e0263657. IF: 3.240.

Reviews and editorials 2022

Pathogenesis of chronic obstructive pulmonary disease: understanding the contributions of gene-environment interactions across the lifespan

Agustí A, Melén E, DeMeo DL, Breyer-Kohansal R, Faner R
Lancet Respir Med. 2022 May;10(5):512-524.Epub 2022 Apr 12. IF: 30.7

Spirometry: The Indefinite Search for Gold.

Wouters EFM, Breyer-Kohansal R.
Chest. 2022 Mar;161(3):593-594. IF: 9.41

Take a breath – Is it time to re-think how we diagnose COPD?

Wouters EFM, Breyer M.
Research Outreach 2022 Feb; Issue 128:78-79.

Blood eosinophil counts in the general population and airways disease: a comprehensive review and meta-analysis.

Benson VS, Hartl S, Barnes N, Galwey N, Van Dyke MK, Kwon N.
Eur Respir J. 2022 Jan 13;59(1):2004590. IF: 16.671.

Original articles 2021

LBI for LH LEAD

Spirometric phenotypes from early childhood to young adulthood: a Chronic Airway Disease Early Stratification study.

Wang G, Hallberg J, Charalampopoulos D, Sanahuja MC, Breyer-Kohansal R, Langhammer A, Granell R, Vonk JM, Mian A, Olvera N, Laustsen LM, Rönmark E, Abellan A, Agusti A, Arshad SH, Bergström A, Boezen HM, Breyer MK, Burghuber O, Bolund AC, Custovic A, Devereux G, Donaldson GC, Duijts L, Esplugues A, Faner R, Ballester F, Garcia-Aymerich J, Gehring U, Haider S, Hartl S, Backman H, Holloway JW, Koppelman GH, Lertxundi A, Holmen TL, Lowe L, Mensink-Bout SM, Murray CS, Roberts G, Hedman L, Schlünssen V, Sigsgaard T, Simpson A, Sunyer J, Torrent M, Turner S, Van den Berge M, Vermeulen RCH, Vikjord SAA, Wedzicha JA, Maitland van der Zee AH, Melén E.

ERJ Open Res. 2021 Dec 6;7(4):00457-2021. IF: 1.0.

Using Body Composition Groups to Identify Children and Adolescents at Risk of Dyslipidemia.

Ofenheimer A, Breyer-Kohansal R, Hartl S, Burghuber OC, Krach F, Franssen FME, Wouters EFM, Breyer MK.

Children (Basel). 2021 Nov 13;8(11):1047. IF: 2.863.

Low SARS-CoV-2 seroprevalence in the Austrian capital after an early governmental lockdown.

Breyer MK, Breyer-Kohansal R, Hartl S, Kundi M, Weseslindtner L, Stiasny K, Puchhammer-Stöckl E, Schrott A, Födinger M, Binder M, Fiedler M, Wouters EFM, Burghuber OC.

Sci Rep. 2021 May 12;11, (1):10158 (2021). IF: 4.379.

A comprehensive antigen production and characterisation study for easy-to-implement, specific and quantitative SARS-CoV-2 serotests.

Klausberger M, Duerkop M, Haslacher H, Wozniak-Knopp G, Cserjan-Puschmann M, Perkmann T, Lingg N, Aguilar PP, Laurent E, De Vos J, Hofner M, Holzer B, Stadler M, Manhart G, Vierlinger K, Egger M, Milchram L, Gludovac E, Marx N, Köppl C, Tauer C, Beck J, Maresch D, Grünwald-Gruber C, Strobl F, Satzer P, Stadlmayr G, Vavra U, Huber J, Wahrmann M, Eskandary F, Breyer MK, Sieghart D, Quehenberger P, Leitner G, Strassl R, Egger AE, Irsara C, Griesmacher A, Hoermann G, Weiss G, Bellmann-Weiler R, Loeffler-Ragg J, Borth N, Strasser R, Jungbauer A, Hahn R, Mairhofer J, Hartmann B, Binder NB, Striedner G, Mach L, Weinhäusel A, Dieplinger B, Grebien F, Gerner W, Binder CJ, Grabherr R.

EBioMedicine. 2021 May;67:103348. IF: 8.143.

Reference charts for body composition parameters by dual-energy X-ray absorptiometry in European children and adolescents aged 6 to 18 years-Results from the Austrian LEAD (Lung, hEart, sociAl, boDy) cohort.

Ofenheimer A, Breyer-Kohansal R, Hartl S, Burghuber OC, Krach F, Schrott A, Franssen FME, Wouters EFM, Breyer MK.

Pediatr Obes. 2021 Jan;16(1):e12695. IF: 3.429.

LBI for LH others

Soluble ST2 and All-Cause Mortality in Patients with Chronic Obstructive Pulmonary Disease-A 10-Year Cohort Study.

Urban MH, Stojkovic S, Demyanets S, Hengstenberg C, Valipour A, Wojta J, Burghuber OC. J Clin Med. 2021 Dec 23;11(1):56. IF: 4.242.

Effects of Dynamic Hyperinflation on Left Ventricular Diastolic Function in Healthy Subjects - A Randomized Controlled Crossover Trial.

Urban MH, Mayr AK, Schmidt I, Grasmuk-Siegl E, Burghuber OC, Funk GC. Front Med (Lausanne). 2021 May 4;8:659108. IF: 4.468.

Detection of EGFR Activating and Resistance Mutations by Droplet Digital PCR in Sputum of EGFR-Mutated NSCLC Patients.

Hackner K, Buder A, Hochmair MJ, Strieder M, Grech C, Fabikan H, Burghuber OC, Errhalt P, Filipits M. Clin Med Insights Oncol. 2021 Feb 17;15:1179554921993072. IF: 1.077.

Effects of roflumilast on arterial stiffness in COPD (ELASTIC): A randomized trial.

Urban MH, Kreibich N, Gleiss A, Funk GC, Hartl S, Burghuber OC. Respirology. 2021 Feb;26(2):153-160. IF: 4.880.

Induction of dynamic hyperinflation by expiratory resistance breathing in healthy subjects - an efficacy and safety study.

Urban MH, Mayr AK, Schmidt I, Margulies E, Grasmuk-Siegl E, Burghuber OC, Funk GC. Exp Physiol. 2021 Feb;106(2):532-543. Epub 2020 Nov 23. IF: 2.431.

LBI for LH affiliated

Implementation of Bronchoscopic Lung Volume Reduction Using One-Way Endobronchial Valves: A Retrospective Single-Centre Cohort Study.

Posthuma R, Vaes AW, Walraven KHM, Sardari Nia P, Schreiber JU, Gietema HA, Wesseling G, Wouters EFM, Vanfleteren LEGW. Respiration. 2021 Dec 22:1-9. Online ahead of print. IF: 2.67.

Reduced Vitamin K Status as a Potentially Modifiable Risk Factor of Severe Coronavirus Disease 2019.

Dofferhoff ASM, Piscaer I, Schurgers LJ, Visser MPJ, van den Ouweland JMW, de Jong PA, Gosens R, Hackeng TM, van Daal H, Lux P, Maassen C, Karssemeijer EGA, Vermeer C, Wouters EFM, Kistemaker LEM, Walk J, Janssen R. Clin Infect Dis. 2021 Dec 6;73(11):e4039-e4046. IF: 4.81.

Glutathione-S-transferase P promotes glycolysis in asthma in association with oxidation of pyruvate kinase M2.

van de Wetering C, Manuel AM, Sharafi M, Aboushousha R, Qian X, Erickson C, MacPherson M, Chan G, Adcock IM, ZounematKermani N, Schleich F, Louis R, Bohrnsen E, D'Alessandro A, Wouters EF, Reynaert NL, Li J, Wolf CR, Henderson CJ, Lundblad LKA, Poynter ME, Dixon AE, Irvin CG, van der Vliet A, van der Velden JL, Janssen-Heininger YM.
Redox Biol. 2021 Nov;47:102160. IF: 11.799.

Health Literacy Among Patients With Chronic Lung Disease Entering Pulmonary Rehabilitation and Their Resident Loved Ones.

Coenjaerds MMJ, Spruit MA, Cleutjens FAHM, Ponds RWHM, Franssen FME, Wouters EFM, Janssen DJA. J
Cardiopulm Rehabil Prev. 2021 Sep 1;41(5):336-340. IF 2.081.

Downregulation of DUOX1 function contributes to aging-related impairment of innate airway injury responses and accelerated senile emphysema.

Schiffers C, Lundblad LKA, Hristova M, Habibovic A, Dustin CM, Daphtary N, Aliyeva M, Seward DJ, Janssen-Heininger YMW, Wouters EFM, Reynaert NL, van der Vliet A.
Am J Physiol Lung Cell Mol Physiol. 2021 Jul 1;321(1):L144-L158. IF: 4.659.

Glutathionylation chemistry promotes interleukin 1 beta-mediated glycolytic reprogramming and pro-inflammatory signaling in lung epithelial cells.

Aboushousha R, Elko E, Chia SB, Manuel AM, van de Wetering C, van der Velden J, MacPherson M, Erickson C, Reisz JA, D'Alessandro A, Wouters EFM, Reynaert NL, Lam YW, Anathy V, van der Vliet A, Seward DJ, Janssen-Heininger YMW.
FASEB J. 2021 May;35(5):e21525. IF: 4.966.

Healthcare and Societal Costs in Patients with COPD and Breathlessness after Completion of a Comprehensive Rehabilitation Program.

Verberkt CA, van den Beuken-van Everdingen MHJ, Dirksen CD, Schols JMGA, Vanfleteren LEGW, Franssen FME, Groenen MTJ, Wouters EFM, Janssen DJA.
COPD. 2021 Apr;18(2):170-180 IF: 3.355.

Cost-effectiveness of sustained-release morphine for refractory breathlessness in COPD: A randomized clinical trial.

Verberkt CA, van den Beuken-van Everdingen MHJ, Dirksen CD, Schols JMGA, Wouters EFM, Janssen DJA.
Respir Med. 2021;Apr;179:106330. IF: 4.084.

Frequency and functional translation of low muscle mass in overweight and obese patients with COPD.

Machado FVC, Spruit MA, Groenen MTJ, Houben-Wilke S, van Melick PP, Hernandez NA, Schols AMWJ, Pitta F, Wouters EFM, Franssen FME.

Respir Res. 2021 Mar 25;22(1):93. IF: 4.916.

Markers of disease activity in COPD: an 8-year mortality study in the ECLIPSE cohort.

Celli B, Locantore N, Yates JC, Bakke P, Calverley PMA, Crim C, Coxson HO, Lomas DA, MacNee W, Miller BE, Mullerova H, Rennard SI, Silverman EK, Wouters E, Tal-Singer R, Agusti A, Vestbo J.

Eur Respir J. 2021 Mar 25;57(3):2001339. IF: 16.671.

Downregulation of epithelial DUOX1 in chronic obstructive pulmonary disease.

Schiffers C, van de Wetering C, Bauer RA, Habibovic A, Hristova M, Dustin CM, Lambrichts S, Vacek PM, Wouters EF, Reynaert NL, van der Vliet A.

JCI Insight. 2021 Jan 25;6(2):e142189. IF: 6.205.

Reviews and editorials 2021

Nutritional Status and Body Composition in Patients Suffering From Chronic Respiratory Diseases and Its Correlation With Pulmonary Rehabilitation

Wouters EFM. Front Rehabil Sci. 2021 Dec 6;2:725534. IF 5.058

Redox Dysregulation in Aging and COPD: Role of NOX Enzymes and Implications for Antioxidant Strategies.

Schiffers C, Reynaert NL, Wouters EFM, van der Vliet A.

Antioxidants (Basel). 2021 Nov 11;10(11):1799.

The prevalence and related factors of fatigue in patients with COPD: a systematic review.

Ebadi Z, Goërtz YMJ, Van Herck M, Janssen DJA, Spruit MA, Burtin C, Thong MSY, Muris J, Otker J, Looijmans M, Vlasblom C, Bastiaansen J, Prins J, Wouters EFM, Vercoulen JH, Peters JB. Eur Respir Rev. 2021 Apr 13;30(160):200298. IF: 16.671

COPD Diagnosis: Time for Disruption

Wouters EFM, Breyer MK, Breyer-Kohansal R, Hartl S.

J Clin Med. 2021 Oct 11;10(20):4660. IF: 2.659

Pre-Chronic Obstructive Pulmonary Disease: Toward the Limits of the Spirometric Funnel.

Wouters EFM.

Am J Respir Crit Care Med. 2021 Jul 1;204(1):112. IF: 21.405.

Glutathione S-transferases and their implications in the lung diseases asthma and chronic obstructive pulmonary disease: Early life susceptibility?

van de Wetering C, Elko E, Berg M, Schiffers CHJ, Stylianidis V, van den Berge M, Nawijn MC, Wouters EFM, Janssen-Heininger YMW, Reynaert NL.

Redox Biol. 2021 Jul;43:101995. IF: 11.799

Lung Cancer in Austria.

Pirker R, Prosch H, Popper H, Klepetko W, Dieckmann K, Burghuber OC, Klikovits T, Hoda MA, Zöchbauer-Müller S, Filipits M.

J Thorac Oncol. 2021 May;16(5):725-733. IF: 20.121

Transitioning from infancy to adulthood: a black box full of opportunities.

Agusti A, Breyer-Kohansal R, Faner R.

Eur Respir J. 2021 Mar 4;57(3):2003997. IF: 12.339.

Original articles 2020

LBI for LH LEAD

Side by side comparison of three fully automated SARS-CoV-2 antibody assays with a focus on specificity.

Perkmann T, Perkmann-Nagele N, Breyer MK, Breyer-Kohansal R, Burghuber OC, Hartl S, Aletaha D, Sieghart D, Quehenberger P, Marculescu R, Mucher P, Strassl R, Wagner OF, Binder CJ, Haslacher H.

Clin Chem. 2020 Nov 1;66(11):1405-1413. IF: 7.292.

Reference values of body composition parameters and visceral adipose tissue (VAT) by DXA in adults aged 18-81 years-results from the LEAD cohort.

Ofenheimer A, Breyer-Kohansal R, Hartl S, Burghuber OC, Krach F, Schrott A, Wouters EFM, Franssen FME, Breyer MK.

Eur J Clin Nutr 2020 Aug;74(8):1181-1191. IF: 3.291.

Factors Associated with Low Lung Function in Different Age Bins in the General Population.

Breyer-Kohansal R, Faner R, Breyer MK, Ofenheimer A, Schrott A, Studnicka M, Wouters EFM, Burghuber OC, Hartl S, Agusti A.

Am J Respir Crit Care Med 2020 Jul 15;202(2):292-296. IF: 17.452.

Blood eosinophil count in the general population: typical values and potential confounders.

Hartl S, Breyer MK, Burghuber OC, Ofenheimer A, Schrott A, Urban MH, Agusti A, Studnicka M, Wouters EFM, Breyer-Kohansal R.

Eur Respir J. 2020 May 14;55(5):1901874. IF: 12.339.

Marked differences in prediabetes- and diabetes-associated comorbidities between men and women-Epidemiological results from a general population-based cohort aged 6-80 years -The LEAD (Lung, hEart, sociAl, boDy) study.

Breyer MK, Ofenheimer A, Altziebler J, Hartl S, Burghuber OC, Studnicka M, Purin D, Heinzle C, Drexel H, Franssen FME, Wouters EFM, Harreiter J, Kautzky-Willer A, Breyer-Kohansal R.

Eur J Clin Invest. 2020 Mar;50(3):e13207. IF: 3.481.

LBI for LH others

Results of the Austrian National Lung Cancer Audit.

Burghuber, OC, Kirchbacher K, Mohn-Staudner A, Hochmair M, Breyer M.-K, Studnicka M, Mueller M. R, Feurstein P, Schrott A, Lamprecht B, Eckmayr J, Renner F, Bolitschek J, Pohl W, Schenk P, Errhalt P, Cerkl P, Baumgartner B, Kneussl M, Hartl S.

Clin Med Insights Oncol. 2020 Sep 10;14:1179554920950548. IF: 1.077.

Quality of Life and Limitations in Daily Life of Stable COPD Outpatients in a Real-World Setting in Austria - Results from the CLARA Project.

Horner A, Burghuber OC, Hartl S, Studnicka M, Merkle M, Olschewski H, Kaiser B, Wallner EM, Lamprecht B.

Int J Chron Obstruct Pulmon Dis. 2020 Jul 12;15:1655-1663. IF: 3.157.

Atrial fibrillation: a risk factor for unfavourable outcome in COVID-19? A case report.

Schnaubelt S, Breyer MK, Siller-Matula J, Domanovits H.

Eur Heart J Case Rep. 2020 Jun 24;4(FI1):1-6. IF: 24.889.

LBI for LH affiliated

Incorporating Comprehensive Assessment Parameters to Better Characterize and Plan Rehabilitation for Persons with Chronic Obstructive Pulmonary Disease.

Augustin IML, Spruit MA, Franssen FME, Gaffron S, van Merode F, Wouters EFM.
J Am Med Dir Assoc. 2020 Dec;21(12):1986-1991.e3. IF: 4.367.

Effect of Sustained-Release Morphine for Refractory Breathlessness in Chronic Obstructive Pulmonary Disease on Health Status: A Randomized Clinical Trial.

Verberkt CA, van den Beuken-van Everdingen MHJ, Schols JMGA, Hameleers N, Wouters EFM, Janssen DJA.
JAMA Intern Med. 2020 Oct 1;180(10):1306-1314. IF: 18.652.

Reviews and editorials 2020

Skin autofluorescence: early sign of lung function deterioration?

Wouters EFM, Reynaert NL.
ERJ Open Res. 2020 Jul 20;6(2):00368-2020.

Original articles 2019

LBI for LH LEAD

The LEAD (Lung, Heart, Social, Body) Study: Objectives, Methodology, and External Validity of the Population-Based Cohort Study.

Breyer-Kohansal R, Hartl S, Burghuber OC, Urban M, Schrott A, Agusti A, Sigsgaard T, Vogelmeier C, Wouters EFM, Studnicka M, Breyer MK.
J Epidemiol 2019 Aug 5;29(8):315–324. IF: 7.707.

The European COPD audit: Adherence to guidelines, readmission risk and hospital care for acute exacerbations in Austria.

Breyer-Kohansal R, Hartl S, Breyer MK, Schrott A, Studnicka M, Neunhäuserer D, Fülöp G, Burghuber OC.
Wien Klin Wochenschr 2019 Mar;131(5–6):97–103. IF: 1.704.

LBI for LH others

EGFR Mutations in Cell-free Plasma DNA from Patients with Advanced Lung Adenocarcinoma: Improved Detection by Droplet Digital PCR.

Buder A, Setinek U, Hochmair MJ, Schwab S, Kirchbacher K, Keck A, Burghuber OC, Pirker R, Filipits M.
Target Oncol 2019 Apr;14(2):197–203. IF: 4.036.

Liquid-Biopsy-Based Identification of EGFR T790M Mutation-Mediated Resistance to Afatinib Treatment in Patients with Advanced EGFR Mutation-Positive NSCLC, and Subsequent Response to Osimertinib.

Hochmair MJ, Buder A, Schwab S, et al. *Target Oncol* 2019 Feb;14(1):75–83. IF: 4.036.

Impact of afatinib dose modification on safety and effectiveness in patients with EGFR mutation-positive advanced NSCLC: Results from a global real-world study (RealGiDo).

Halmos B, Tan E-H, Soo RA, et al.

Lung Cancer 2019 Jan;127:103–11. IF: 4.702.

Reviews and editorials 2019

Chronic Airway Diseases Early Stratification (CADSET): a new ERS Clinical Research Collaboration.

Agusti A, Faner R, Donaldson G, Heuvelin E, Breyer-Kohansal R, Melén E, Maitland-van der Zee AH, Vestbo J, Allinson JP, Vanfleteren LEGW, van den Berge M, Adcock IM, Lahousse L, Brusselle G, Wedzicha JA; on behalf of the CADSET Clinical Research Collaboration; Current members of the CADSET Clinical Research Collaboration.

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