

Publications

LBI members
2003-2022

Original Articles 2022

- 1. *Increasing test specificity without impairing sensitivity: lessons learned from SARS-CoV-2 serology***
Thomas Perkmann, Thomas Koller, Nicole Perkmann-Nagele, Maria Ozsvar-Kozma, David Eyre, Philippa Matthews, Abbie Bown, Nicole Stoesser, Marie-Kathrin Breyer, Robab Breyer-Kohansal, Otto C Burghuber, Sylvia Hartl, Daniel Aletaha, Daniela Sieghar, Peter Quehenberger, Rodrig Marculescu, Patrick Mucher, Astrid Radakovics, Miriam Klausberger, Mark Duerkop, Barba Holzer, Boris Hartmann, Robert Strassl, Gerda Leitner, Florian Grebien, Wilhelm Gerner, Reingard Grabherr, Oswald F Wagner, Christoph J Binder, Helmuth Haslacher. *J Clin Pathol.* 2022 Aug 30;jclinpath-2022-208171. Online ahead of print. IF:3.61
- 2. *Association of respiratory symptoms and lung function with occupation in the multinational Burden of Obstructive Lung Disease (BOLD) study***
Jate Ratanachina, Andre F S Amaral, Sara De Matteis, Herve Lawin, Kevin Mortimer, Daniel O Obaseki, Imed Harrabi, Meriam Denguezli, Emiel F M Wouters, Christer Janson, Rune Nielsen, Amund Gulsvik, Hamid Hacene Cherkaski, Filip Mejza, Mahesh Padukudru Anand, Asma Elsony, Rana Ahmed, Wan Tan, Loh Li Cher, Abdul Rashid, Michael Studnicka, Asaad A Nafees, Terence Seemungal, Althea Aquart-Stewart, Mohammed Al Ghobain, Jinping Zheng, Sanjay Juvekar, Sundeep Salvi, Rain Jogi, David Mannino, Thorarinn Gislason, A Sonia Buist, Paul Cullinan, Peter Burney, BOLD Collaborative Research Group. *Eur Respir J.* 2022 Aug 25;2200469. Online ahead of print. IF: 16.671
- 3. *Disease Progression and Age as Factors Underlying Multimorbidity in Patients with COPD: Results from COSYCONET***
Peter Alter, Kathrin Kahnert, Franziska C Trudzinski, Robert Bals, Henrik Watz, Tim Speicher, Sandra Söhler, Stefan Andreas, Tobias Welte, Klaus F Rabe, Emiel F M Wouters, Antonia Sassmann-Schweda, Hubert Wirtz, Joachim H Ficker, Claus F Vogelmeier, Rudolf A Jörres. *Int J Chron Obstruct Pulmon Dis.* 2022 Jul 29;17:1703-1713. eCollection 2022. IF: 3.355

4. ***Morphine for chronic breathlessness in COPD: improvement predictors-cross-sectional study***
Cornelia A Verberkt , Marieke H J van den Beuken-Everdingen , Jos M G A Schols , Emiel F M Wouters , Daisy J A Janssen . *BMJ Support Palliat Care*. 2022 Jul 18;bmjpcare-2022-003693. Online ahead of print. IF: 3.568
5. ***Differences in the Measurement of Functional Residual Capacity Between Body Plethysmographs of Two Manufacturers***
Peter Alter, Jan Orszag, Emiel F M Wouters, Claus F Vogelmeier, Rudolf A Jörres. *Int J Chron Obstruct Pulmon Dis*. 2022 Jun 24;17:1477-1482. eCollection 2022. IF: 3.355
6. ***Aero-allergen sensitization in the general population: Longitudinal analyses of the LEAD (Lung Heart Social Body) Study.***
Kölli F, Breyer MK, Hartl S, Burghuber O, 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.
7. ***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.
8. ***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.
9. ***Restricted spirometry and cardiometabolic comorbidities: results from the international population based BOLD study***
Katarzyna Kulbacka-Ortiz, Filip J J Triest, Frits M E Franssen, Emiel F M Wouters, Michael Studnicka, William M Vollmer, Bernd Lamprecht, Peter G J Burney, Andre F S Amaral, Lowie E G W Vanfleteren. *Respir Res*. 2022 Feb 17;23(1):34. IF 4.916.
10. ***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.
11. ***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.
12. ***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.

2021

13. ***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.
14. ***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.
15. ***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.
16. ***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.
17. ***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.
18. ***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.

19. ***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.
20. ***Downregulation of DUOX1 function contributes to aging-related impairment of innate airway injury responses and accelerated senile emphysema.***
Caspar Schiffers, Lennart K A Lundblad, Milena Hristova, Aida Habibovic, Christopher M Dustin, Nirav Daphtary, Minara Aliyeva, David J Seward, Yvonne M W Janssen-Heininger, Emiel F M Wouters, Niki L Reynaert, Albert van der Vliet.
Am J Physiol Lung Cell Mol Physiol. 2021 Jul 1;321(1):L144-L158. IF: 4.659.
21. ***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.
22. ***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.
23. ***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.
24. ***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, Gludovacz 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.
25. ***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.

26. ***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.
27. ***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.
28. ***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.
29. ***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.
30. ***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.
31. ***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.
32. ***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.
33. ***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.

34. ***Homeopathic Treatment as an Add-On Therapy May Improve Quality of Life and Prolong Survival in Patients with Non-Small Cell Lung Cancer: A Prospective, Randomized, Placebo-Controlled, Double-Blind, Three-Arm, Multicenter Study.***
Frass M, Lechleitner P, Gründling C, Pirker C, Grasmuk-Siegl E, Domayer J, Hochmair M, Gaertner K, Duscheck C, Muchitsch I, Marosi C, Schumacher M, Zöchbauer-Müller S, Manchanda RK, Schrott A, Burghuber O. *Oncologist*. 2020;Dec;25(12):e1930-e1955. IF: 5.550.
35. ***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;21(12):1986-1991.e3. IF: 4.367.
36. ***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.
37. ***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.
38. ***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.
39. ***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.
40. ***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.
41. ***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.

42. ***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.
43. ***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.
44. ***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.

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45. ***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 E, Studnicka M, Breyer MK. J Epidemiol 2019 Aug 5;29(8):315–324. IF: 7.707.
46. ***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.
47. ***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.
48. ***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. Eur Respir J. 2019 Mar 18;53(3):1900217. IF: 12.339.
49. ***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.

50. ***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.

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51. ***Fatale immunmedierte organisierende Pneumonie unter Pembrolizumab - Therapie eines pulmonalen Adenokarzinoms.***
Gasser S, Krenbek D, Hochmair M. Rofo. 2018 Dec;190(12):1161–3.
52. ***First-line atezolizumab plus chemotherapy in extensive-stage small-cell lung cancer.***
Horn L, Mansfield AS, Szczesna A, et al. N Engl J Med 2018 Dec 6;379(23):2220–9.
53. ***Brigatinib versus crizotinib in ALK-positive non-small-cell lung cancer.***
Camidge DR, Kim HR, Ahn MJ, et al. N Engl J Med 2018 Nov;379(21):2027–39.
54. ***Sequential treatment with afatinib and osimertinib in patients with EGFR mutation-positive non-small-cell lung cancer: an observational study***
Hochmair MJ, Morabito A, Hao D, et al.. Futur Oncol 2018 Nov;14(27):2861–74.
55. ***Long-term outcomes after acute hypercapnic COPD exacerbation: First-ever episode of non- invasive ventilation.***
Fazekas AS, Aboulghaith M, Kriz RC, Urban M, Breyer MK, Breyer-Kohansal R, Burghuber OC, Hartl S, Funk GC. Wien Klin Wochenschr. 2018 Oct;130(19-20):561-568.
56. ***Valve therapy in patients with emphysematous type of chronic obstructive pulmonary disease (COPD): from randomized trials to patient selection in clinical practice.***
Valipour A. J Thorac Dis 2018 Aug;10(S23):S2780–96.
57. ***Long-term safety of bilateral targeted lung denervation in patients with COPD.***
Valipour A, Asadi S, Pison C, et al. Int J Chron Obstruct Pulmon Dis 2018 Jul 16;13:2163–2172.
58. ***Cell-Free Plasma DNA-Guided Treatment With Osimertinib in Patients With Advanced EGFR-Mutated NSCLC.***
Buder A, Hochmair MJ, Schwab S, et al. J Thorac Oncol 2018 Jun;13(6):821–30.
59. ***Phenotypes of COPD in an Austrian population: National data from the POPE study.***
Reiger G, Zwick R, Lamprecht B, Kähler C, Burghuber OC, Valipour A. Wien Klin Wochenschr 2018 Jun;130(11–12):382–9. IF: 1.704.
60. ***Immune cell landscape in therapy-naïve squamous cell and adenocarcinomas of the lung.***
Brcic L, Stanzer S, Krenbek D, et al. Virchows Arch 2018 Apr;472(4):589–98.

61. ***Do doctors understand the test characteristics of lung cancer screening?***
Schmidt R, Breyer MK, Breyer-Kohansal R, Urban M, Funk GC. Wien Klin Wochenschr. 2018 Apr;130(7-8):238-24.

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62. ***Symptomatic pseudo-progression followed by significant treatment response in two lung cancer patients treated with immunotherapy.***
Hochmair MJ, Schwab S, Burghuber OC, Krenbek D, Prosch H. Lung Cancer 2017 Nov;113:4–6.
63. ***How Do Dual Long-Acting Bronchodilators Prevent Exacerbations of Chronic Obstructive Pulmonary Disease?***
Beeh KM, Burgel P-R, Franssen FME, et al. Am J Respir Crit Care Med 2017 Jul 15;196(2):139–149.
64. ***First use of Amplatzer device for bronchopleural fistula after lung transplantation***
Gómez López A, Luján RG, De Pablo Gafas A, Valipour A et.al. Thorax. 2017 Jul;72(7):668-670.
65. ***Accuracy of COPD Diagnosis During an Admission: The European Perspective.***
Lopez-Campos JL, Castro-Acosta A, Pozo-Rodriguez F, Hartl S, Roberts CM. Chest 2017 Jun;151(6):1396–1397.
66. ***Phenotypes of COPD patients with a smoking history in Central and Eastern Europe: the POPE Study.***
Koblizek V, Milenkovic B, Barczyk A, et al. Eur Respir J 2017 May 11;49(5):1601446.
67. ***Treatment of COPD Exacerbation in Switzerland: Results and Recommendations of the European COPD Audit.***
Buess M, Schilter D, Schneider T, et al. Respiration 2017;94(4):355–365.
68. ***OLD 2017 on the way to a phenotypic approach? Analysis from the Phenotypes of COPD in Central and Eastern Europe (POPE) Cohort.***
Tudoric N, Koblizek V, Miravitlles M, et al. Eur Respir J 2017 Apr 26;49(4):1602518.
69. ***Increased brachial intima-media thickness is associated with circulating levels of asymmetric dimethylarginine in patients with COPD.***
Urban M, Eickhoff P, Funk G-C, Burghuber OC, Wolzt M, Valipour A. Int J Chron Obstruct Pulmon Dis 2017 Jan 4;12:169–176.
70. ***Bronchoscopic Thermal Vapour Ablation: Hot Stuff to Treat Emphysema Patients!***
Valipour A. Arch Bronconeumol 2017 Jan;53(1):1–2.

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71. ***Endobronchial Valve Therapy in Patients with Homogeneous Emphysema. Results from the IMPACT Study.***
Valipour A, Slebos D-JJ, Herth FJ, et al. Am J Respir Crit Care Med 2016 Nov 1;194(9):1073–1082.
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