

Curriculum Vitae

Christina A. Eichstaedt PD, Dr.
d.o.b. September 16th , 1985 in Mexico City, Mexico

University Education

2019 Habilitation Molecular Human Genetics, Heidelberg University, Germany
2014 PhD in Biological Anthropology, University of Cambridge, UK
2009 Master of Philosophy (MPhil) in Applied Biological Anthropology, University of Cambridge, UK
2008 Bachelor of Science (BSc) in Molecular Biotechnology, Technical University of Dresden, Germany

Scientific Career

Since 2021 PI in the German Center for Lung Research (DZL)
Since 2020 PI in the Translational Lung Research Center Heidelberg (TLRC) of the DZL
Since 2019 Junior Research Group Leader, Genetics of Pulmonary Hypertension, Thoraxklinik Heidelberg
2014-2019 Postdoc in Genetics of Pulmonary Hypertension Thoraxklinik Heidelberg and Institute of Human Genetics at Heidelberg University

Awards and Honors

2018 PH-DACH Poster Prize, Heidelberg, Germany
2018 ERS Congress Young Scientist Abstract Prize, Paris, France
2018 PVRI Abstract Award, Singapore
2013 Lucy Cavendish College Travel and Research College Award, Cambridge UK
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Citation Record

Total citations: 1538; h-index: 19 (Scopus)

Top-10 selected Publications

Eichstaedt CA, Sassmannshausen Z, Shaukat M, ..., Lange TJ, Hinderhofer K, Grünig E. (2022). *Gene panel diagnostics reveals new pathogenic variants in pulmonary arterial hypertension*. *Respir Res* 23: 74. (IF: 5.6)

Theobald V, Benjamin N, Seyfarth H-J, ..., Jonigk D, Grünig E, **Eichstaedt CA** (2022). *Reduction of BMPR2 mRNA Expression in Peripheral Blood of Pulmonary Arterial Hypertension Patients: A Marker for Disease Severity?* *Genes*. 2022; 13(5):759. (IF 3.7)

Grünig E, MacKenzie A, Peacock A, **Eichstaedt CA**, Benjamin N, Nechwatal R, Ulrich S, Saxer S, Bussotti M, Sommaruga M, Ghio S, Gumbiene L, Palevičiūtė E, Jurevičienė E, Cittadini A, Stanziola A, Marra AM, Kovacs G, Olschewski H, Barberà JA, Blanco I, Spruit MA, Franssen FME, Vonk Noordegraaf A, Reis A, Santos M, Viamonte SG, Demeyer H, Delcroix M, Bossone E, Johnson M (2021). *Standardised exercise training is feasible, safe and effective in pulmonary arterial and chronic thromboembolic pulmonary hypertension - results from a large European multicentre randomised controlled trial*. *European Heart Journal* 42(23):2284-2295. (IF 22.2)

Eichstaedt CA, Verweyen J, Halank M, ..., Ewert R, Hinderhofer K, Grünig E (2020). *Myeloproliferative diseases as possible risk factor for development of chronic thromboembolic pulmonary hypertension – a genetic study*. *International Journal of Molecular Sciences* 21(9):E3339. (IF 4.2)

Sindi HA Russomanno G, Satta S, Abdul-Salam VB, Jo KB, Qazi-Chaudhry B, Ainscough AJ, Szulcek R, Jan Bogaard H, Morgan CC, Pullamsetti SS, Alzaydi MM, Rhodes CJ, Piva R, **Eichstaedt CA**, Grünig E, Wilkins MR, Wojciak-Stothard B (2020). *Therapeutic potential of KLF2-induced exosomal microRNAs in pulmonary hypertension*. *Nat Communications* 11(1): 1185. (IF 11.8)

Grünig E,* **Eichstaedt CA***, Barberà JA, ..., Ulrich S, Vonk Noordegraaf A, Peacock A (2019). *ERS statement on exercise training and rehabilitation in patients with severe chronic pulmonary hypertension*. *European Respiratory Journal* 53(2):1800332. *contributed equally (IF 12.2)

Eichstaedt CA, Song J, Rodríguez Viales R, Pan Z, Benjamin N, Fischer C, Hoepfer M, Ulrich S, Hinderhofer K, Grünig E, (2017). *First identification of Krüppel-like factor 2 mutation in heritable pulmonary arterial hypertension*. *Clinical Science* 131(8):689-698. (IF 5.2)

Pagani L, Lawson D, Jagoda E, Mörseburg A, Mitt M, Clemente F, Saag L, DeGiorgio M, Eriksson A, Wall JD, Hudjashov G, Mägi R, Wilson Sayres MA, Kaewert S, Inchley C, Cardona A, Scheib C, Järve M, Karmin M, Jacobs G, Antao T, Iliescu M, Kushniarevich A, Ayub Q, Tyler-Smith C, [33 further authors], Mormina M, **Eichstaedt CA**, [26 further authors] Thomas MG, Manica A, Nielsen R, Villedomsen R, Willerslev E, Kivisild T, Metspalu M (2016). *Geographical barriers, environmental challenges, and complex migration events during the peopling of Eurasia*. *Nature* 538(7624):238-242. (IF 43.0)

Machado RD, Southgate L, **Eichstaedt CA**, ..., Trembath RC, Viales RR, Grünig E. *Pulmonary Arterial Hypertension: A Current Perspective on Established and Emerging Molecular Genetic Defects*. *Hum Mutat*. 2015 ;36(12):1113-27. (IF 5.34)

Evans JDW, Girerd B, Montani D, Jing ZH, Galiè N, Austin ED, Elliot G, Asano K, Grünig E, Yan Y, Wang XJ, Manes A, Palazzini M, Wheeler L, Nakayama I, Sato T, **Eichstaedt CA**, Hinderhofer K, Wolf M, Rosenzweig EB, Chung W, Soubrier F, Simonneau G, Graf S, Kaptoge S, Di Angelantonio E, Humbert M, Morrell NW (2016). *Mutations in the BMPR2 gene are associated with worse survival in patients with pulmonary arterial hypertension*. *Lancet Respiratory Medicine* 4:129-137. (IF 22.7)