

Curriculum Vitae

Thomas M. Conlon Dr (PhD)

d.o.b. July 20th, 1978, in Leicester, UK

University Education

2006 PhD, Immunology, CIMR & Dept. of Pathology, University of Cambridge
2001 MSc, Molecular Pathology & Toxicology, University of Leicester (UK)
2000 BSc (Hons), Biomedical Science, De Montfort University (UK)

Scientific Career

Since 2022 Committee member of COPD-iNET
Since 2021 Joint Group Leader, “Immunopathology of COPD”, LHI, Helmholtz Munich
Since 2017 Teaching Elite Master Program “Lung health”, CPC/LMU
Since 2015 Teaching Experimental Pneumology, Munich MeCuM, LMU
Since 2015 Teaching CPC Lung Graduate School
Since 2015 Helmholtz Zentrum München Library committee
2013–2021 Post-Doc “Immunopathology of COPD”, iLBD, Helmholtz Zentrum München
2007–2013 Biological Safety Officer, Dept. of Surgery, University of Cambridge (UK)
2006–2013 Postdoctoral Fellow, “Immunology of Transplant Rejection”, Dept. of Surgery, University of Cambridge (UK)

Awards and Honors

2022 ATS International Travel Scholarship
2022 Travel grant winner WIRM Meeting XVI
2018 Prize of Excellence in Lung Research – MLC and DZL symposium
2017 GSK Travel Grant for ATS
2016 DMM Travel Grant from the Company of Biologists for ERS
2016 ERS bursary to attend the ERS Lung Science Conference
2015 Abstract Scholarship ATS
2014 GSK Travel Grant for ATS
2009 Best Oral Presentation – European Society for Organ Transplantation

Citation Record

Total citations: 1,183; h-index:21; h-index since 2017: 12 (ISI Web of Science, Dec 7th, 2023)

Top-10 selected Publications

Kapellos TS, **Conlon TM**, Yildirim AÖ, Lehmann M. The impact of the immune system on lung injury and regeneration in COPD. **Eur Respir J.** 2023; 62(4):2300589. doi: 10.1183/13993003.00589-2023.

Verleden SE, Hendriks JMH, Snoeckx A, Mai C, Mentens Y, Callebaut W, De Belie B, Van Schil PE, Verplancke V, Janssens A, Jacob J, Pakzad A, **Conlon TM**, Guvenc G, Yildirim AÖ, Pauwels P, Koljenovic S, Kwakkel-Van-Erp JM, Lapperre T. Small Airways Disease in Pre-COPD with Emphysema: A Cross-Sectional Study. **Am J Respir Crit Care Med.** 2023; doi: 10.1164/rccm.202301-01320C.

Günes Günsel G*, **Conlon TM***, Jeridi A*, Kim R, Ertüz Z, Lang NJ, Ansari M, Novikova M, Jiang D, Strunz M, Gaianova M, Hollauer C, Gabriel C, Angelidis I, Doll S, Pestoni JC, Edelmann SL, Kohlhepp MS, Guillot A, Bassler K, Van Eeckhoutte HP, Kayalar Ö, Konyalilar N, Kanashova T, Rodius S, Ballester-López C, Genes Robles CM, Smirnova N, Rehberg M, Agarwal C, Krikki I, Piavaux B, Verleden SE, Vanaudenaerde B, Königshoff M, Dittmar G, Bracke KR, Schultze JL, Watz H, Eickelberg O, Stoeger T, Burgstaller G, Tacke F, Heissmeyer V, Rinkevich Y, Bayram H, Schiller HB, Conrad M, Schneider R, Yildirim AÖ. The arginine methyltransferase PRMT7 promotes extravasation of monocytes resulting in tissue injury in COPD. **Nat Commun.** 2022; 13(1):1303. doi: 10.1038/s41467-022-28809-4.

Wu X, Bos IST, **Conlon TM**, Ansari M, Verschut V, van der Koog L, Verkleij LA, D'Ambrosi A, Matveyenko A, Schiller HB, Königshoff M, Schmidt M, Kistemaker LEM, Yildirim AÖ, Gosens R. A transcriptomics-guided drug target discovery strategy identifies receptor ligands for lung regeneration. **Sci Adv.** 2022; 8(12):eabj9949. doi: 10.1126/sciadv.abj9949.

Muus C, Luecken MD, Eraslan G, Sikkema L, Waghay A, Heimberg G, Kobayashi Y, Vaishnav ED, Subramanian A, Smillie C, Jagadeesh KA, Duong ET, Fiskin E, Torlai Triglia E, Ansari M, Cai P, Lin B, Buchanan J, Chen S, Shu J, Haber AL, Chung H, Montoro DT, Adams T, Aliee H, Allon SJ, Andrusivova Z, Angelidis I, Ashenberg O, Bassler K, Bécavin C, Benhar I, Bergensträhle J, Bergensträhle L, Bolt L, Braun E, Bui LT, Callori S, Chaffin M, Chichelnitskiy E, Chiou J, **Conlon TM**, Cuoco MS, Cuomo ASE, Deprez M, Duclos G, Fine D, Fischer DS, Ghazanfar S, Gillich A, Giotti B, Gould J, Guo M, Gutierrez AJ, Habermann AC, Harvey T, He P, Hou X, Hu L, Hu Y, Jaiswal A, Ji L, Jiang P, Kapellos TS, Kuo CS, Larsson L, Leney-Greene MA, Lim K, Litviňuková M, Ludwig LS, Lukassen S, Luo W, Maatz H, Madisson E, Mamanova L, Manakongtreecheep K, Leroy S, Mayr CH, Mbanjo IM, McAdams AM, Nabhan AN, Nyquist SK, Penland L, Poirion OB, Poli S, Qi C, Queen R, Reichart D, Rosas I, Schupp JC, Shea CV, Shi X, Sinha R, Sit RV, Slowikowski K, Slyper M, Smith NP, Sountoulidis A, Strunz M, Sullivan TB, Sun D, Talavera-López C, Tan P, Tantivit J, Travaglini KJ, Tucker NR, Vernon KA, Wadsworth MH, Waldman J, Wang X, Xu ... Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. **Nat Med.** 2021; 27(3):546-559. doi: 10.1038/s41591-020-01227-z.

Conlon TM, John-Schuster G, Heide D, Pfister D, Lehmann M, Hu Y, Ertüz Z, Lopez MA, Ansari M, Strunz M, Mayr C, Angelidis I, Ciminieri C, Costa R, Kohlhepp MS, Guillot A, Günes G, Jeridi A, Funk MC, Beroshvili G, Prokosch S, Hetzer J, Verleden SE, Alsafadi H, Lindner M, Burgstaller G, Becker L, Irmeler M, Dudek M, Janzen J, Goffin E, Gosens R, Knolle P, Pirotte B, Stoeger T, Beckers J, Wagner D, Singh I, Theis FJ, de Angelis MH, O'Connor T, Tacke F, Boutros M, Dejardin E, Eickelberg O, Schiller HB, Königshoff M, Heikenwalder M, Yildirim AÖ. Inhibition of LTβR signalling activates WNT-induced regeneration in lung. **Nature.** 2020; 588(7836):151-156. doi: 10.1038/s41586-020-2882-8.

Smirnova NF, **Conlon TM**, Morrone C, Dorfmueller P, Humbert M, Stathopoulos GT, Umkehrer S, Pfeiffer F, Yildirim AÖ, Eickelberg O. Inhibition of B cell-dependent lymphoid follicle formation prevents lymphocytic bronchiolitis after lung transplantation. **JCI Insight.** 2019; 4(3):e123971. doi: 10.1172/jci.insight.123971.

Jia J*, **Conlon TM***, Sarker RS, Taşdemir D, Smirnova NF, Srivastava B, Verleden SE, Güneş G, Wu X, Prehn C, Gao J, Heinzelmann K, Lintelmann J, Irmler M, Pfeiffer S, Schloter M, Zimmermann R, Hrabé de Angelis M, Beckers J, Adamski J, Bayram H, Eickelberg O, Yildirim AÖ. Cholesterol metabolism promotes B-cell positioning during immune pathogenesis of chronic obstructive pulmonary disease. **EMBO Mol Med.** 2018; 10(5):e8349. doi: 10.15252/emmm.201708349.

Conlon TM, Bartel J, Ballweg K, Günter S, Prehn C, Krumsiek J, Meiners S, Theis FJ, Adamski J, Eickelberg O, Yildirim AÖ. Metabolomics screening identifies reduced L-carnitine to be associated with progressive emphysema. **Clin Sci (Lond).** 2016; 130(4):273-87. doi: 10.1042/CS20150438.

Conlon TM, Saeb-Parsy K, Cole JL, Motallebzadeh R, Qureshi MS, Rehakova S, Negus MC, Callaghan CJ, Bolton EM, Bradley JA, Pettigrew GJ. Germinal center alloantibody responses are mediated exclusively by indirect-pathway CD4 T follicular helper cells. **J Immunol.** 2012; 188(6):2643-52. doi: 10.4049/jimmunol.1102830.