

Curriculum Vitae

Theodore S. Kapellos DPhil
d.o.b. January 8th, 1988

University Education

2012 – 2017 DPhil, Sir William Dunn School of Pathology, University of Oxford, UK
2010 – 2011 Master, Imperial College of London, UK
2005 – 2010 Bachelor, Department of Biology, Aristotle University of Thessaloniki, Greece

Scientific Career

Today Groupe leader, Comprehensive Pneumology Center Munich, Germany
2021 - 2022 Senior researcher, Comprehensive Pneumology Center at Helmholtz Zentrum Munich, Germany
2017 – 2021 Postdoctoral researcher, Limes institute, University of Bonn, Germany
In the Lab of Prof. Vily Panoutsakopoulou
2010 Intern, Department of Evangelismos Public Hospital of Athens, Greece

Awards and Honors

2023 European Respiratory Society short-term fellowship to transfer metagenomics analysis skills from Prof. Hansbro group in Sydney, Australia
2022 Geoffrey Laurant annual award for excellent oral presentation awarded at the Lung Science Congress
2017 Full Fellow of the Higher Education Academy UK
2016 Medical Research Council Supplementary Fund to support the submission of DPhil project-related publication
2016 Edward P. Abraham trust continuation fund Oxford UK
2015 Associate Fellow of the Higher Education Academy UK
2012 DPhil studentship funded awarded by the Edward P. Abraham Trust and medical Research Council UK

Five most important Publications

Han L, Haefner V, Yu Y, Han B, Ren H, Irmeler M, Beckers J, Liu Q, Feuchtinger A, Yildirim AO, Adler H, Stoeger T. Nanoparticle-Exposure-Triggered Virus Reactivation Induces Lung Emphysema in Mice. *ACS Nano*. 2023 Nov 14;17(21):21056-21072. (IF: 15.8)

Kapellos TS*, Baßler K*, Fujii W*, Nairn AC, Schaar AC, Bonaguro L, Pecht T, Galvao I, Agrawal S, Saglam A, Dudkin E, Frishberg A, de Domenico E, Horne A, Donovan C, Kim RY, Gallego-Ortega D, ..., and Schultze JL. (2023). Systemic alterations in neutrophils and their precursors in early-stage chronic obstructive pulmonary disease. *Cell Reports*. 42 (6): 112525 (IF: 9,995)

Baßler K*, Fujii W*, Kapellos TS*, Dudkin E*, Reusch N*, Horne A, Reiz B, Luecken MD, Osei-Sarpong C, Warnat-Herresthal S, Bonaguro L, Schulte-Schrepping J, Wagner, A, Guenther P, Pizarro C, Schreiber T, Knoll R, Holsten L, Kroeger Charlotte, ..., and Schultze JL. (2022). Alveolar macrophages in early-stage COPD show functional deviations with properties of impaired immune activation. *Frontiers in Immunology*. 13: 917232 (IF: 5,7)

Schulte-Schrepping J, Reusch N, Paclik D, Baßler K, Schlickeiser S, Zhang B, Krämer B, Krammer T, Brumhard S, Bonaguro L, De Domenico E, Wendisch D, Grasshoff M, Kapellos TS, Beckstette M, Pecht T, Saglam A, Dietrich O, Mei HE, ..., and the Deutsche COVID-19 OMICS Initiative (DeCOI). (2020).

Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. *Cell*. 182 (6): 1419-1440 (IF: 45,5)

Aschenbrenner AC*, Mouktaroudi M*, Krämer B*, Antonakos N*, Oestreich M*, Gkizeli K*, Nuesch-Germano M*, Saridaki M*, Bonaguro L*, Reusch N*, Baßler K*, Doulou S*, Knoll R*, Pecht T*, Kapellos TS*, Rovina N*, Kröger C*, Herbert M*, Holsten L*, ..., and the German COVID-19 Omics Initiative (DeCOI). (2021). Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. *Genome Medicine*. 13 (1): 7 (IF: 10,4)

Tuit S*, Salvagno C*, Kapellos TS*, Hau CS, Seep L, Oestreich M, Klee K, de Visser KE, Ulas T, and Schultze JL. (2019). Transcriptional Signature Derived from Murine Tumor-Associated Macrophages Correlates with Poor Outcome in Breast Cancer Patients. *Cell Reports*. 29 (5): 1221-1235 (IF: 9,995)