

Prof. Dr. Antoine-Emmanuel Saliba

Group Leader

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Education

- 2009 PhD, Institut Curie, Paris, France
2005 MSc, MEng, Biotechnology and Biochemistry, INSA, Toulouse, France

Positions

- 2023 - present Associate Professor (W2), Faculty of Medicine, University of Würzburg
2017 - present Group Leader, Helmholtz Institute for RNA-based Infection Research (HIRI), Würzburg, Germany
2016 - 2017 Assistant Professor (Maître de Conférences), University of Strasbourg, France
2013 - 2016 Postdoc, RNA Biology, Institute for Molecular Infection Biology (IMIB), Würzburg, Germany
2009 - 2013 EIPOD (EMBL Interdisciplinary Postdoc) Fellow, Department of Structural & Computational Biology and Department of Cell Biology & Biophysics, EMBL Heidelberg, Germany

Committee Work

- 2023 - present Spokesperson of the Single-Cell Center Würzburg, Germany
2022 - present Speaker of the Respiratory Viral Infection Research Foci of the Helmholtz Centre for Infection Research (HZI), Braunschweig, Germany
2022 - present Member of the Program Board of the Helmholtz Centre for Infection Research (HZI), Braunschweig, Germany
2021 - 2023 Member of the Steering Committee of the Single-Cell Center Würzburg, Germany

Awards & Honors

EMBO Young Investigator (2021), Member of the Administrative Council of the Foundation Georges Besse – Fondation de France (2014 - 2019), EIPOD Postdoc Fellowship (2009), DGA (Ministry of Defense) PhD Fellowship (2005), INSA Toulouse Alumni Award (2005), Georges Besse Foundation Laureate (2004)

Selected Publications

- Wendisch D*, Dietrich O*, Mari T*, von Stillfried S*, Ibarra IL, Mittermaier M, Mache C, Chua RL, (...), **Saliba AE#**, Sander LE# (2021)
SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis
Cell 184(26):6243-6261.e27
- Da Vià MC, Dietrich O, Truger M, Arampatzi P, Duell J, Heidemeier A, Zhou X, Danhof S, Kraus S, Chatterjee M, Megendorfer M, Twardziok S, Goebeler ME, (...), Kaiser S, Fuhr V, Weinhold N, Rosenwald A, Erhard F, Haferlach C, Einsele H, Kortum KM, **Saliba AE**, Rasche L (2021)
Homozygous BCMA gene deletion in response to anti-BCMA CAR T cells in a patient with multiple myeloma
Nature Medicine 27(4):616-619
- 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*, (...), Schultze JL#, Aschenbrenner AC#, Li Y#, Nattermann J#, Sawitzki B#, **Saliba AE#**, Sander LE# (2020)
Deutsche COVID-19 OMICS Initiative (DeCOI)
Severe COVID-19 is marked by a dysregulated myeloid cell compartment
Cell 182(6):1419-1440.e23
- Imdahl F*, Vafadarnejad E*, Homberger C, **Saliba AE#**, Vogel J# (2020)
Single-cell RNA-sequencing reports growth-condition-specific global transcriptomes of individual bacteria
Nature Microbiology 5(10):1202-1206
- Erhard F#, Baptista MAP*, Krammer T*, Hennig T, Lange M, Arampatzi P, Jürges CS, Theis FJ, **Saliba AE#**, Dölken L# (2019)
scSLAM-seq reveals core features of transcription dynamics in single cells
Nature 571(7765):419-423