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Group Leader

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Education

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

Positions

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 of 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

2017 Advisory Board, Next Generation Sequencing & Single Cell Analysis Congress, London, UK
2010 - 2011 Initiator and Co-organizer of Microfluidics meets Biology at EMBL, with Christophe Merten
2007 Assistant Member of the Technical Committee of MicroTAS Conference

Awards & Honors

Member of the Administrative Council of the Fondation Georges Besse – Fondation de France (2014 - 2019), PostdocPlus Grant – University of Würzburg (2013), Deputy Treasurer of the Fondation Georges Besse – Fondation de France (2010 - 2019), EIPOD Postdoc Fellowship (2009), DGA (Ministry of Defense) PhD Fellowship (2005), INSA Toulouse Alumni Award (2005), Georges Besse Foundation Laureate (2004)

Selected Publications

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):419-23

Pezoldt J, Pasztoi M, Zou M, Wiechers C, Beckstette M, Thierry GR, Vafadarnejad E, Floess S, Arampatzi P, Buettner M, Schweer J, Fleissner D, Vital M, Pieper DH, Basic M, Dersch P, Strowig T, Hornef M, Bleich A, Bode U, Pabst O, Bajenoff M, **Saliba AE**, Huehn J (2018)
Neonataly imprinted mesenteric lymph node stromal cell subsets modulate dendritic cell properties
Nature Communications 9(1):3903

Müller SM, Cosentino RO, Förstner KU, Guizzetti J, Wedel C, Kaplan N, Janzen CJ, Arampatzi P, Vogel J, Steinbiss S, Otto TD, **Saliba AE**, Sebra RP, Siegel TN (2018)
Histone variants restrict chromatin organization and antigenic variation in trypanosomes
Nature 563(7729):121-125

Cochain C*, Vafadarnejad E*, Arampatzi P, Pelisek J, Winkels H, Ley K, Wolf D, **Saliba AE**#, Zernecke A# (2018)
Single-cell RNA-seq reveals the transcriptional landscape and heterogeneity of aortic macrophages in murine atherosclerosis
Circulation Research 122(12):1661-1674

Saliba AE, Li L, Westermann AJ, Appenzeller S, Schulte LN, Helaine S, Vogel J (2016)
Single-cell RNA-seq ties macrophage polarization to growth rate of intracellular Salmonella
Nature Microbiology 2:16206