

Efstathios Stamatiades, PhD

1 | General information

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Current position: Group Leader, Department of Microbiology, Infectious Diseases and Immunology, Charité – Universitätsmedizin Berlin, Campus Benjamin Franklin (CBF)

Researcher unique identifier(s): ORCID-ID: 0000-0002-2785-9005

2 | Academic education

2010 – 2015 PhD, Immunology, King's College London; London, UK
2009 – 2010 MSc, Biomedical Sciences, University of Glasgow; Glasgow, UK
2006 – 2009 BSc, Immunology, University of Edinburgh; Edinburgh, UK

3 | Advanced academic qualifications:

2015 PhD thesis, Immunology, "In vivo analysis of monocyte and macrophage functions in the kidney", King's College London, London, UK (Supervisor: Frederic Geissmann)
2010 Master of Research in Biomedical Sciences
2009 Bachelor of Science (Hons) in Immunology

4 | Postgraduate professional career:

Since 2019 Group leader, Institute of Microbiology, Infectious Diseases and Immunology, Charité – Universitätsmedizin Berlin
2015 – 2019 Postdoc Fellow, Department of Immunology, Memorial Sloan Kettering Cancer Centre, NY, USA

5 | Other:

Awards/Honors

- Metastasis and Tumor Ecosystems Center (MTEC) Postdoctoral Fellowship, Memorial Sloan Kettering Cancer Centre, NY, USA (2017 – 2019)
- British Society of Immunology travel bursary, Milan, Italy (2013)
- Poster award at King's College London (KCL) Graduate Showcase, London, UK (2011)
- PhD Fellowship (Oliver Bird Rheumatism Programme), London, UK (2010)
- General Society of Microbiology undergraduate summer studentship, Edinburgh, UK (2008)

Selected other professional activities:

- Member of the German Society of Immunology (since 2021)
- Guest Associate Editor, Frontiers in Cell and Developmental Biology (2019-2021)

6 | Selected publications:

1. Feng Y*, Dionne MS*, **Stamatiades EG***, Kierdorf K*. Editorial: Deciphering Phagocyte Functions Across Different Species. **Front Cell Dev Biol** 2021; 9:712929
2. Xu K, Yin N, Peng M, **Stamatiades EG**, Chhangawala S, Shyu A, Li P, Zhang X, Do MH, Capistrano KJ, Chou C, Leslie CS, Li MO. Glycolytic ATP fuels phosphoinositide 3-kinase signaling to support effector T helper 17 cell responses. **Immunity** 2021; 54:976-987
3. Xu K, Yin N, Peng M, **Stamatiades EG**, Shyu A, Li P, Zhang X, Do MH, Wang Z, Capistrano KJ, Chou C, Levine AG, Rudensky AY, Li MO. Glycolysis fuels phosphoinositide 3-kinase signaling to bolster T cell immunity. **Science** 2021; 371:405-410
4. Liu M, Kuo F, Capistrano KJ, Kang D, Nixon BG, Shi W, Chou C, Do MH, **Stamatiades EG**, Gao S, Li S, Chen Y, Hsieh JJ, Hakimi AA, Taniuchi I, Chan TA, Li MO. TGF- β suppresses type 2 immunity to cancer. **Nature** 2020; 587:115-120
5. Li S, Liu M, Do MH, Chou C, **Stamatiades EG**, Nixon BG, Shi W, Zhang X, Li P, Gao S, Capistrano KJ, Xu H, Cheung NV, Li MO. Cancer immunotherapy via targeted TGF- β signalling blockade in T_H cells. **Nature** 2020; 587:121-125
6. Berrien-Elliott MM, Sun Y, Neal C, Ireland A, Trissal MC, Sullivan RP, Wagner JA, Leong JW, Wong P, Mah-Som AY, Wong TN, Schappe T, Keppel CR, Cortez VS, **Stamatiades EG**, Li MO, Colonna M, Link DC, French AR, Cooper MA, Wang WL, Boldin MP, Reddy P, Fehniger TA. MicroRNA-142 Is Critical for the Homeostasis and Function of Type 1 Innate Lymphoid Cells. **Immunity** 2019; 51:479-490
7. **Stamatiades EG**, Li MO. Tissue Resident Cytotoxic Innate Lymphoid Cells in Tumour Immunosurveillance. **Semin Immun** 2019; 41:101269
8. **Stamatiades EG**, Tremblay ME, Bohm M, Crozet L, Bisht K, Kao D, Coelho C, Fan Xi, Yewdell WT, Davidson A, Heeger PS, Diebold S, Nimmerjahn F, Geissmann F. Immune Monitoring of Trans-Endothelial Transport by Kidney Resident Macrophages. **Cell** 2016; 166:991-1003
9. Carlin LM*, **Stamatiades EG***, Auffray C, Hanna RN, Glover L, Vizcay-Barrena G, Hedrick CC, Cook HT, Diebold S, Geissmann F. Nr4a1-Dependent Ly6C^{low} Monocytes Monitor Endothelial Cells and Orchestrate Their Disposal. **Cell** 2013; 153:362-75

*contributed equally