

Publication list (*corresponding author; top 5 achievements in blue)

Künzli M, Reuther P, Pinschewer DD, **King CG***. Opposing effects of T cell receptor signal strength on CD4 T cells responding to acute versus chronic viral infection. **Under revision at eLife 2020** (bioRxiv preprint, <https://bit.ly/35RTLyd>)

Swarnalekha N, Schreiner D, Litzler LC, Iftikhar S, Kirchmeier D, Künzli M, **King CG***. Redefining CD4 T cell residency: Helper T cells orchestrate protective humoral immunity in the lung. **In press in Science Immunology 2021** (bioRxiv preprint, <https://bit.ly/3hGnYwc>)

Künzli M, **King CG***. Resident memory T cells escape “home quarantine”. **Trends in Immunology**. 2020; 41(6):454-456.

Künzli M, Schreiner D, Pereboom T, Swarnalekha N, Litzler LC, Lötscher J, Ertuna YI, Roux J, Geier F, Jakob R, Maier T, Hess C, Taylor JT, **King CG***. Long-lived T follicular helper cells retain plasticity and help sustain humoral immunity. **Science Immunology**. 2020; 5(45): eaay5552.

Horkova V, Drobek A, Muller D, Gubser C, Wyss L, Chakraborty A, **King CG**, Zehn D, Stěpánek O. Dynamics of the Coreceptor-Lck Interactions upon Maturation Shape the Self-Reactivity of peripheral CD4 and CD8 T Cells. **Cell Reports**. 2020; 30(5):1504-1514.

Schreiner D, **King CG***. CD4+ memory T cells at home in the tissue: mechanisms for health and disease. **Frontiers in Immunology**. 2018. doi: 10.3389/fimmu.2018.02394.

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Schmalzer M, Broggi MA, Lagarde N, Stöcklin BF, **King CG**, Finke D, Rossi SW. IL-7R signaling in regulatory T cells maintains peripheral and allograft tolerance in mice. **PNAS**. 2015; 112(43):13

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Stepanek O, Prabhakar AS, Osswald C, **King CG**, Bulek A, Naehrer D, Beaufils-Hugot M, Abanto M, Galati V, Hausmann B, Lang R, Cole DK, Huseby E, Sewell AK, Chakraborty AK, Palmer E. Coreceptor scanning by the T cell receptor provides a mechanism for T cell tolerance. **Cell**. 2014; 159(2):333-45

King CG*, Koehli S, Hausmann B, Schmalzer M, Zehn D, Palmer E. Induction of tissue pathology driven by asymmetric T cell division. **Immunity**. 2012 Oct 19;37(4):709-20. Highlighted in Nature Reviews Immunology, December 2012.

King CG, Kobayashi T, Kim T, Hickman SP, Turka LA, Choi Y. Cutting edge: requirement for TRAF6 in T Cell Energy Induction. **Cutting Edge Journal of Immunology**. 2008 Jan 1; 180(1):34-8.

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