

Curriculum Vitae
Kylie Shaddock (nee Webster), PhD

Publications

1. Pilat, N., M. Wiletel, A.M. Weijler, R. Steiner, B. Mahr, J. Warren, T.M. Corpuz, T. Wekerle, **K.E. Webster**, J. Sprent. 2019. Treg-mediated prolonged survival of skin allografts without immunosuppression. *PNAS*. 116:13508.
2. Corpuz, T. M., R. Vazquez-Lombardi, J. K. Luong, J. Warren, J. Stolp, D. Christ, C. King, R. Brink, J. Sprent, and **K. E. Webster**. 2017. IL-2 Shapes the Survival and Plasticity of IL-17-Producing gammadelta T Cells. *J. Immunol.* 199: 2366-2376.
3. Jandl, C., S. M. Liu, P. F. Canete, J. Warren, W. E. Hughes, A. Vogelzang, **K. Webster**, M. E. Craig, G. Uzel, A. Dent, P. Stepensky, B. Keller, K. Warnatz, J. Sprent, and C. King. 2017. IL-21 restricts T follicular regulatory T cell proliferation through Bcl-6 mediated inhibition of responsiveness to IL-2. *Nature communications* 8: 14647.
4. Vazquez-Lombardi, R., C. Loetsch, D. Zinkl, J. Jackson, P. Schofield, E. K. Deenick, C. King, T. G. Phan, **K. E. Webster**, J. Sprent, and D. Christ. 2017. Potent antitumour activity of interleukin-2-Fc fusion proteins requires Fc-mediated depletion of regulatory T-cells. *Nature communications* 8: 15373
5. Cho, J.H., H.O. Kim, Y.J. Ju, Y.C. Kye, G.W. Lee, S.W. Lee, C.H. Yun, N. Bottini, **K. Webster**, C.C. Goodnow, C.D. Surh, C. King, and J. Sprent. 2016. CD45-mediated control of TCR tuning in naive and memory CD8+ T cells. *Nature communications* 7:13373.
6. Pinget, G. V., T. M. Corpuz, J. Stolp, E. L. Lousberg, K. R. Diener, S. A. Robertson, J. Sprent, and **K. E. Webster**. 2016. The majority of murine gammadelta T cells at the maternal-fetal interface in pregnancy produce IL-17. *Immunol. Cell Biol.* 94: 623-630.
7. Corpuz, T. M., J. Stolp, H. O. Kim, G. V. Pinget, D. H. Gray, J. H. Cho, J. Sprent, and **K. E. Webster**. 2016. Differential Responsiveness of Innate-like IL-17- and IFN-gamma-Producing gammadelta T Cells to Homeostatic Cytokines. *J. Immunol.* 196: 645-654.
8. **Webster, K. E.**, H. O. Kim, K. Kyparissoudis, T. M. Corpuz, G. V. Pinget, A. P. Uldrich, R. Brink, G. T. Belz, J. H. Cho, D. I. Godfrey, and J. Sprent. 2014. IL-17-producing NKT cells depend exclusively on IL-7 for homeostasis and survival. *Mucosal immunology* 7: 1058-1067.
9. Walters, S. N., **K. E. Webster**, S. Daley, and S. T. Grey. 2014. A role for intrathymic B cells in the generation of natural regulatory T cells. *J. Immunol.* 193: 170-176.
10. Loebbermann, J., H. Thornton, L. Durant, T. Sparwasser, **K. E. Webster**, J. Sprent, F. J. Culley, C. Johansson, and P. J. Openshaw. 2012. Regulatory T cells expressing granzyme B play a critical role in controlling lung inflammation during acute viral infection. *Mucosal immunology* 5: 161-172.
11. Polhill, T., G. Y. Zhang, M. Hu, A. Sawyer, J. J. Zhou, M. Saito, **K. E. Webster**, Y. Wang, Y. Wang, S. T. Grey, J. Sprent, D. C. Harris, S. I. Alexander, and Y. M. Wang. 2012. IL-2/IL-2Ab complexes induce regulatory T cell expansion and protect against proteinuric CKD. *J. Am. Soc. Nephrol.* 23: 1303-1308.
12. Boyman, O., C. Krieg, S. Letourneau, **K. Webster**, C. D. Surh, and J. Sprent. 2012. Selectively expanding subsets of T cells in mice by injection of interleukin-2/antibody complexes: implications for transplantation tolerance. *Transplant. Proc.* 44: 1032-1034.
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15. Kont, V., A. Murumagi, L. O. Tykocinski, S. A. Kinkel, **K. E. Webster**, K. Kisand, L. Tserel, M. Pihlap, P. Strobel, H. S. Scott, A. Marx, B. Kyewski, and P. Peterson. 2011. DNA methylation signatures of the AIRE promoter in thymic epithelial cells, thymomas and normal tissues. *Mol. Immunol.* 49: 518-526.
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24. **Webster, K. E.**, and S. D. Cramer. 2000. Genetic basis of primary hyperoxaluria type II. *Mol Urol* 4: 355-364.
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