

# Stanford

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## Thomas Christopher Beck

MD Student, expected graduation Winter 2024

### Bio

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#### HONORS AND AWARDS

- Biodesign NEXT Award, Stanford Byers Center for Biodesign (2020)
- NSF Graduate Research Fellowship, National Science Foundation (NSF) (April 2011)
- Minority Founder Scholar Award, Nashville Entrepreneur Center (January 2017)
- Irving Finger Graduation Award, Department of Biology at Haverford College (May 2010)

#### EDUCATION AND CERTIFICATIONS

- PhD, Yale University , Immunobiology (2015)
- BS, Haverford College , Biology and Philosophy (2010)

### Publications

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#### PUBLICATIONS

- **Systemic bile acids induce insulin resistance in a TGR5-independent manner.** *American journal of physiology. Endocrinology and metabolism*  
Syring, K. E., Cyphert, T. J., Beck, T. C., Flynn, C. R., Mignemi, N. A., McGuinness, O. P.  
2019; 316 (5): E782–E793
- **Liver-derived FGF21 is essential for full adaptation to ketogenic diet but does not regulate glucose homeostasis.** *Endocrine*  
Watanabe, M. n., Singhal, G. n., Fisher, F. M., Beck, T. C., Morgan, D. A., Socciarelli, F. n., Mather, M. L., Risi, R. n., Bourke, J. n., Rahmouni, K. n., McGuinness, O. P., Flier, J. S., Maratos-Flier, et al  
2019
- **Germinal centre hypoxia and regulation of antibody qualities by a hypoxia response system.** *Nature*  
Cho, S. H., Raybuck, A. L., Stengel, K. n., Wei, M. n., Beck, T. C., Volanakis, E. n., Thomas, J. W., Hiebert, S. n., Haase, V. H., Boothby, M. R.  
2016; 537 (7619): 234–38
- **Immature B Cell Egress from Bone Marrow Is SOCS3 Independent.** *PLoS one*  
Nadrah, K. n., Beck, T. C., Pereira, J. P.  
2015; 10 (8): e0136061
- **CXCR4 and a cell-extrinsic mechanism control immature B lymphocyte egress from bone marrow.** *The Journal of experimental medicine*  
Beck, T. C., Gomes, A. C., Cyster, J. G., Pereira, J. P.  
2014; 211 (13): 2567–81
- **GSK3-mediated instability of tubulin polymers is responsible for the failure of immature CD4+CD8+ thymocytes to polarize their MTOC in response to TCR stimulation.** *International immunology*  
Cunningham, N. R., Hinchcliff, E. M., Kutayavin, V. I., Beck, T. n., Reid, W. A., Punt, J. A.  
2011; 23 (11): 693–700