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Christine Qabar

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Bio

PROFESSIONAL EDUCATION

- Ph.D., University of California, Berkeley , Microbiology (2025)
- M.Sc., Towson University , Microbiology (2019)
- B.Sc., Towson University , Cell & Molecular Biology (2017)

LINKS

- LinkedIn: https://www.linkedin.com/in/christine-qabar/
- Google Scholar: https://scholar.google.com/citations?user=qt-yZIEAAAAJ&hl=en

Publications

PUBLICATIONS

- **Leveraging a synthetic biology approach to enhance BCG-mediated expansion of Vγ9Vδ2 T cells.** *PloS one*
  Qabar, C. M., Roberts, A. W., Waldburger, L. M., Baidoo, E. E., Turumtay, E. A., Keasling, J. D., Portnoy, D. A., Cox, J. S.
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- **Harnessing evolution: leveraging bacterial isoprenoid pathway diversity toward improved bioengineering strategies.** *Journal of bacteriology*
  Qabar, C. M., Marshall, B. A., Landick, R., Cox, J. S.
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- **The mevalonate pathway of isoprenoid biosynthesis supports metabolic flexibility in Mycobacterium marinum.** *Journal of bacteriology*
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- **Droplet Tn-Seq combines microfluidics with Tn-Seq for identifying complex single-cell phenotypes.** *Nature communications*
  Thibault, D., Jensen, P. A., Wood, S., Qabar, C., Clark, S., Shainheit, M. G., Isberg, R. R., van Opijnen, T.
  2019; 10 (1): 5729
- **PepN is a non-essential, cell wall-localized protein that contributes to neutrophil elastase-mediated killing of Streptococcus pneumoniae.** *PloS one*
  Nganje, C. N., Haynes, S. A., Qabar, C. M., Lent, R. C., Bou Ghanem, E. N., Shainheit, M. G.
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