



Djenet Bousbaine

Postdoctoral Scholar, Bioengineering

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Massachusetts Institute of Technology , Microbiology (2020)
- Master of Science, Swiss Federal Institute of Technology (EPFL) , Life Sciences and technologies (2012)
- Bachelor of Science, Swiss Federal Institute of Technology (EPFL) , Life Sciences and technologies (2010)

STANFORD ADVISORS

- Michael Fischbach, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **The vaccine we all wear: Skin microbiota can be engineered into topical vaccines.** *Science (New York, N.Y.)*
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- **Site-specific labeling uncovers differences in levels and distribution of B-cell receptors of different isotypes on primary B cells** *JOURNAL OF IMMUNOLOGY*
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2024
- **Engineered skin bacteria induce antitumor T cell responses against melanoma.** *Science (New York, N.Y.)*
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- **Converting an Anti-Mouse CD4 Monoclonal Antibody into an scFv Positron Emission Tomography Imaging Agent for Longitudinal Monitoring of CD4(+) T Cells** *JOURNAL OF IMMUNOLOGY*
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- **Deletion of mFICD AMPylase alters cytokine secretion and affects visual short-term learning in vivo.** *The Journal of biological chemistry*
McCaul, N., Porter, C. M., Becker, A., Tang, C. A., Wijne, C., Chatterjee, B., Bousbaine, D., Bilate, A., Hu, C. A., Ploegh, H., Truttmann, M. C.
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- **Antigen discovery tools for adaptive immune receptor repertoire research** *Current Opinion in Systems Biology*
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- **Recognition of Class II MHC Peptide Ligands That Contain beta-Amino Acids** *JOURNAL OF IMMUNOLOGY*
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- **The studies of ParA and ParB dynamics reveal asymmetry of chromosome segregation in mycobacteria** *MOLECULAR MICROBIOLOGY*
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