

Stanford



Colwyn Headley

Postdoctoral Research Fellow, Cardiovascular Medicine

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Ohio State University (2020)
- Bachelor of Science, Ohio State University (2014)

STANFORD ADVISORS

- Philip Tsao, Postdoctoral Faculty Sponsor

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiovascular Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Local immune responses to tuberculin skin challenge in Mycobacterium bovis BCG-vaccinated baboons: a pilot study of younger and older animals** *IMMUNITY & AGEING*

Scordo, J. M., Piergallini, T. J., Reuter, N., Headley, C. A., Hodara, V. L., Gonzalez, O., Giavedoni, L. D., Papin, J. F., Turner, J.
2021; 18 (1): 16

- **Lethality of SARS-CoV-2 infection in K18 human angiotensin-converting enzyme 2 transgenic mice** *NATURE COMMUNICATIONS*

Oladunni, F. S., Park, J., Pino, P. A., Gonzalez, O., Akhter, A., Allue-Guardia, A., Olmo-Fontanez, A., Gautam, S., Garcia-Vilanova, A., Ye, C., Chiem, K., Headley, C., Dwivedi, et al
2020; 11 (1): 6122

- **Blood RNA signatures predict recent tuberculosis exposure in mice, macaques and humans** *SCIENTIFIC REPORTS*

Ault, R. C., Headley, C. A., Hare, A. E., Carruthers, B. J., Mejias, A., Turner, J.
2020; 10 (1): 16873

- **The role of old age on Mycobacterium bovis BCG vaccine-induced tissue immunity**

Scordo, J. M., Piergallini, T. J., Headley, C. A., Hodara, V., Reuter, N., Papin, J. F., Turner, J.
AMER ASSOC IMMUNOLOGISTS.2020

- **Membrane-specific spin trap, 5-dodecylcarbamoyl-5-N-dodecylacetamide-1-pyrroline-N-oxide (diC(12)PO): theoretical, bioorthogonal fluorescence imaging and EPR studies** *ORGANIC & BIOMOLECULAR CHEMISTRY*

Headley, C. A., Hoffman, C. N., Freisen, J. M., Han, Y., Macklin, J. M., Zweier, J. L., Rockenbauer, A., Kuret, J., Villamena, F. A.
2019; 17 (33): 7694-7705

- **Ageing heart and infection** *AGING-US*

Headley, C., Turner, J., Rajaram, M. S.

2019; 11 (14): 4781-4782

- **Nontuberculous mycobacterium *M. avium* infection predisposes aged mice to cardiac abnormalities and inflammation** *AGING CELL*

Headley, C. A., Gerberick, A., Mehta, S., Wu, Q., Yu, L., Fadda, P., Khan, M., Ganesan, L., Turner, J., Rajaram, M. S.

2019; 18 (3): e12926

- **Similarities and differences between porcine mandibular and limb bone marrow mesenchymal stem cells** *ARCHIVES OF ORAL BIOLOGY*

Lloyd, B., Tee, B., Headley, C., Emam, H., Mallery, S., Sun, Z.

2017; 77: 1-11

- **Nitrones reverse hyperglycemia-induced endothelial dysfunction in bovine aortic endothelial cells** *BIOCHEMICAL PHARMACOLOGY*

Headley, C. A., DiSilvestro, D., Bryant, K. E., Hemann, C., Chen, C., Das, A., Ziouzenkova, O., Durand, G., Villamena, F. A.

2016; 104: 108-117

- **Selected hydroxycoumarins as antioxidants in cells: physicochemical and reactive oxygen species scavenging studies** *JOURNAL OF PHYSICAL ORGANIC CHEMISTRY*

Perez-Cruz, F., Villamena, F. A., Zapata-Torres, G., Das, A., Headley, C. A., Quezada, E., Lopez-Alarcon, C., Olea-Azar, C.

2013; 26 (10): 773-783