

# Stanford

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## Megha Dubey

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### Publications

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#### PUBLICATIONS

- **NK-like CD8+ ## T cells are expanded in persistent *Mycobacterium tuberculosis* infection.** *Science immunology*  
Roy Chowdhury, R., Valainis, J. R., Dubey, M., von Boehmer, L., Sola, E., Wilhelmy, J., Guo, J., Kask, O., Ohanyan, M., Sun, M., Huang, H., Huang, X., Nguyen, et al  
2023; 8 (81): eade3525
- **Early non-neutralizing, afucosylated antibody responses are associated with COVID-19 severity.** *Science translational medicine*  
Chakraborty, S., Gonzalez, J. C., Sievers, B. L., Mallajosyula, V., Chakraborty, S., Dubey, M., Ashraf, U., Cheng, B. Y., Kathale, N., Tran, K. Q., Scallan, C., Sinnott, A., Cassidy, et al  
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- **Expression of inducible NOS is indispensable for the antiproliferative and proapoptotic effect of imatinib in BCR-ABL positive cells** *JOURNAL OF LEUKOCYTE BIOLOGY*  
Singh, A., Awasthi, D., Dubey, M., Nagarkoti, S., Chandra, T., Barthwal, M., Tripathi, A., Dikshit, M.  
2021; 110 (5): 853-866
- **Catalase S-Glutathionylation by NOX2 and Mitochondrial-Derived ROS Adversely Affects Mice and Human Neutrophil Survival.** *Inflammation*  
Nagarkoti, S., Dubey, M., Sadaf, S., Awasthi, D., Chandra, T., Jagavelu, K., Kumar, S., Dikshit, M.  
2019; 42 (6): 2286-2296
- **S-Glutathionylation of p47phox sustains superoxide generation in activated neutrophils.** *Biochimica et biophysica acta. Molecular cell research*  
Nagarkoti, S., Dubey, M., Awasthi, D., Kumar, V., Chandra, T., Kumar, S., Dikshit, M.  
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- **Nitric oxide-mediated apoptosis of neutrophils through caspase-8 and caspase-3-dependent mechanism** *CELL DEATH & DISEASE*  
Dubey, M., Nagarkoti, S., Awasthi, D., Singh, A. K., Chandra, T., Kumaravelu, J., Barthwal, M. K., Dikshit, M.  
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- **High oxidative stress adversely affects NF#B mediated induction of inducible nitric oxide synthase in human neutrophils: Implications in chronic myeloid leukemia.** *Nitric oxide : biology and chemistry*  
Singh, A. K., Awasthi, D., Dubey, M., Nagarkoti, S., Kumar, A., Chandra, T., Barthwal, M. K., Tripathi, A. K., Dikshit, M.  
2016; 58: 28-41
- **Oxidized LDL induced extracellular trap formation in human neutrophils via TLR-PKC-IRAK-MAPK and NADPH-oxidase activation** *FREE RADICAL BIOLOGY AND MEDICINE*  
Awasthi, D., Nagarkoti, S., Kumar, A., Dubey, M., Singh, A. K., Pathak, P., Chandra, T., Barthwal, M. K., Dikshit, M.  
2016; 93: 190-203
- **L-Plastin S-glutathionylation promotes reduced binding to beta-actin and affects neutrophil functions** *FREE RADICAL BIOLOGY AND MEDICINE*  
Dubey, M., Singh, A. K., Awasthi, D., Nagarkoti, S., Kumar, S., Ali, W., Chandra, T., Kumar, V., Barthwal, M. K., Jagavelu, K., Sanchez-Gomez, F. J., Lamas, S., Dikshit, et al  
2015; 86: 1-15
- **Interaction of Inducible Nitric Oxide Synthase with Rac2 Regulates Reactive Oxygen and Nitrogen Species Generation in the Human Neutrophil Phagosomes: Implication in Microbial Killing** *ANTIOXIDANTS & REDOX SIGNALING*  
Jyoti, A., Singh, A. K., Dubey, M., Kumar, S., Saluja, R., Keshari, R. S., Verma, A., Chandra, T., Kumar, A., Bajpai, V. K., Barthwal, M. K., Dikshit, M.  
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- **S-glutathionylation: relevance in diabetes and potential role as a biomarker** *BIOLOGICAL CHEMISTRY*  
Sanchez-Gomez, F. J., Espinosa-Diez, C., Dubey, M., Dikshit, M., Lamas, S.  
2013; 394 (10): 1263-1280
- **Cytokines Induced Neutrophil Extracellular Traps Formation: Implication for the Inflammatory Disease Condition** *PLOS ONE*  
Keshari, R. S., Jyoti, A., Dubey, M., Kothari, N., Kohli, M., Bogra, J., Barthwal, M. K., Dikshit, M.  
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- **Neutrophil extracellular traps contain mitochondrial as well as nuclear DNA and exhibit inflammatory potential.** *Cytometry. Part A : the journal of the International Society for Analytical Cytology*  
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