

Stanford

Megha Dubey

Postdoctoral Research Fellow, Microbiology and Immunology

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, Devi Ahilya Vishwavidyalaya Indore (2007)
- Master of Science, Unlisted School (2010)
- Doctor of Philosophy, Jawaharlal Nehru University (2016)

STANFORD ADVISORS

- Yueh-Hsiu Chien, Postdoctoral Research Mentor
- Yueh-Hsiu Chien, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **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.
2016; 7
- **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.
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- **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.
2014; 20 (3): 417-431
- **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.
2012; 7 (10)
- **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*
Keshari, R. S., Jyoti, A., Kumar, S., Dubey, M., Verma, A., Srinag, B. S., Krishnamurthy, H., Barthwal, M. K., Dikshit, M.
2012; 81 (3): 238-247