

## Sameera Kongara

Basic Life Research Scientist, Pathology Sponsored Projects

### Publications

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#### PUBLICATIONS

- **Early antiviral treatment following gammaherpesvirus-68 infection of the central nervous system prevents subsequent multiple sclerosis-like disease.** *Journal of neuroinflammation*  
Muselman, A., Kongara, S., Hsu, N., Aggarwal, A., Yu, J., Rajadas, J., Engleman, E. G.  
2025; 22 (1): 228
- **Dectin-2 agonist antibodies reprogram tumor-associated macrophages to drive anti-tumor immunity**  
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AMER ASSOC CANCER RESEARCH.2022
- **DECTIN-2, A NOVEL TARGET FOR TUMOR MACROPHAGE REPROGRAMMING IN CANCER IMMUNOTHERAPY**  
Kenkel, J., Ho, P., Kongara, S., Henning, K., Kreder, C., Nolin, J., Chapin, S., Kowanzet, M., Alonso, M., Ackerman, S., Engleman, E., Dornan, D.  
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- **Integration of multiple biological contexts reveals principles of synthetic lethality that affect reproducibility.** *Nature communications*  
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2020; 11 (1): 2375
- **Metabotropic glutamate receptor 1 disrupts mammary acinar architecture and initiates malignant transformation of mammary epithelial cells.** *Breast cancer research and treatment*  
Teh, J. L., Shah, R., La Cava, S., Dolfi, S. C., Mehta, M. S., Kongara, S., Price, S., Ganesan, S., Reuhl, K. R., Hirshfield, K. M., Karantza, V., Chen, S.  
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- **Autophagy regulator BECN1 suppresses mammary tumorigenesis driven by WNT1 activation and following parity.** *Autophagy*  
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- **The interplay between autophagy and ROS in tumorigenesis.** *Frontiers in oncology*  
Kongara, S., Karantza, V.  
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- **Autophagy regulates keratin 8 homeostasis in mammary epithelial cells and in breast tumors.** *Molecular cancer research : MCR*  
Kongara, S., Kravchuk, O., Teplova, I., Lozy, F., Schulte, J., Moore, D., Barnard, N., Neumann, C. A., White, E., Karantza, V.  
2010; 8 (6): 873-84
- **Autophagy suppresses tumor progression by limiting chromosomal instability.** *Genes & development*  
Mathew, R., Kongara, S., Beaudoin, B., Karp, C. M., Bray, K., Degenhardt, K., Chen, G., Jin, S., White, E.  
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