

Smarajit Mondal

Basic Life Research Scientist, Neurosurgery

Publications

PUBLICATIONS

- **The Adhesion GPCR ADGRL2 engages Ga13 to Enable Epidermal Differentiation.** *bioRxiv : the preprint server for biology*
Yang, X., He, F., Porter, D. F., Garbett, K., Meyers, R. M., Reynolds, D. L., Bui, D. L., Hong, A., Ducoli, L., Siprashvili, Z., Lopez-Pajares, V., Mondal, S., Ko, et al
2025
- **Functional analysis of cancer-associated germline risk variants.** *Nature genetics*
Kellman, L. N., Neela, P. H., Srinivasan, S., Siprashvili, Z., Shanderson, R. L., Hong, A. W., Rao, D., Porter, D. F., Reynolds, D. L., Meyers, R. M., Guo, M. G., Yang, X., Zhao, et al
2025
- **Integrative analyses highlight functional regulatory variants associated with neuropsychiatric diseases.** *Nature genetics*
Guo, M. G., Reynolds, D. L., Ang, C. E., Liu, Y., Zhao, Y., Donohue, L. K., Siprashvili, Z., Yang, X., Yoo, Y., Mondal, S., Hong, A., Kain, J., Meservey, et al
2023
- **PROBER: overcoming the high noise of DNA-protein interactions studies** *NATURE METHODS*
Mondal, S., Khavari, P.
2022; 19 (9): 1044
- **BEHIND THE PAPER** *NATURE METHODS*
Mondal, S.
2022; 19 (9): 1045
- **PROBER identifies proteins associated with programmable sequence-specific DNA in living cells.** *Nature methods*
Mondal, S., Ramanathan, M., Miao, W., Meyers, R. M., Rao, D., Lopez-Pajares, V., Siprashvili, Z., Reynolds, D. L., Porter, D. F., Ferguson, I., Neela, P., Zhao, Y., Meservey, et al
2022; 19 (8): 959-968
- **RNA-protein interaction detection in living cells.** *Nature methods*
Ramanathan, M. n., Majzoub, K. n., Rao, D. S., Neela, P. H., Zarnegar, B. J., Mondal, S. n., Roth, J. G., Gai, H. n., Kovalski, J. R., Siprashvili, Z. n., Palmer, T. D., Carette, J. E., Khavari, et al
2018
- **Modular Organization of the NusA- and NusG-Stimulated RNA Polymerase Pause Signal That Participates in the Bacillus subtilis trp Operon Attenuation Mechanism** *JOURNAL OF BACTERIOLOGY*
Mondal, S., Yakhnin, A. V., Babitzke, P.
2017; 199 (14)
- **NusA-dependent transcription termination prevents misregulation of global gene expression** *NATURE MICROBIOLOGY*
Mondal, S., Yakhnin, A. V., Sebastian, A., Albert, I., Babitzke, P.
2016; 1 (1)