

Stanford

Dayeon Judy Shon

Ph.D. Student in Chemistry, admitted Autumn 2017

Bio

STANFORD ADVISORS

- Carolyn Bertozzi, Doctoral Dissertation Advisor (AC)

Publications

PUBLICATIONS

- **Structure-guided mutagenesis of a mucin-selective metalloprotease from *Akkermansia muciniphila* alters substrate preferences.** *The Journal of biological chemistry*
Shon, D. J., Fernandez, D., Riley, N. M., Ferracane, M. J., Bertozzi, C. R.
2022: 101917
- **Revealing the human mucinome**
Malaker, S.
OXFORD UNIV PRESS INC.2021: 1729
- **Classification, structural biology, and applications of mucin domain-targeting proteases.** *The Biochemical journal*
Shon, D. J., Kuo, A., Ferracane, M. J., Malaker, S. A.
2021; 478 (8): 1585–1603
- **An enzymatic toolkit for selective proteolysis, detection, and visualization of mucin-domain glycoproteins.** *Proceedings of the National Academy of Sciences of the United States of America*
Shon, D. J., Malaker, S. A., Pedram, K. n., Yang, E. n., Krishnan, V. n., Dorigo, O. n., Bertozzi, C. R.
2020
- **Enzyme toolkit for selective enrichment and analysis of mucin-domain glycoproteins**
Malaker, S. A., Shon, J., Pedram, K., Riley, N. M., Bertozzi, C. R.
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