

# Stanford

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## Dayanne Carvalho

Ph.D. Student in Chemistry, admitted Summer 2021

### Bio

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#### PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Member, American Chemical Society (2022 - present)

#### EDUCATION AND CERTIFICATIONS

- B.S., Massachusetts Institute of Technology, Chemistry and Biology (2021)

### Research & Scholarship

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#### LAB AFFILIATIONS

- Lingyin Li, Li Lab (3/1/2022)

### Professional

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#### WORK EXPERIENCE

- Discovery Chemistry Intern - Merck Research Laboratories (May 2020 - August 2020)

### Publications

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#### PUBLICATIONS

- **Stereochemical Control Yields Mucin Mimetic Polymers** *ACS CENTRAL SCIENCE*  
Kruger, A. G., Brucks, S. D., Yan, T., Carcarmo-Oyarce, G., Wei, Y., Wen, D. H., Carvalho, D. R., Hore, M. A., Ribbeck, K., Schrock, R. R., Kiessling, L. L.  
2021; 7 (4): 624-630
- **Modern approaches towards the synthesis of geminal difluoroalkyl groups** *ORGANIC & BIOMOLECULAR CHEMISTRY*  
Carvalho, D. R., Christian, A. H.  
2021; 19 (5): 947-964