



Andriele Eichner

TECHNICAL SPECIALIST

Andriele is a Technical Specialist in ArentFox Schiff's New York office.



Industries

[Life Sciences](#)

Practices

[Patent](#)

Education

Universidade Paulista, PharmB, 2010
City University of New York, BSPS, 2015
City University of New York, MS, 2017
CUNY Graduate Center, PhD (ABD), 2023

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Ms. Eichner is a technical specialist in the New York office. She has a unique blend of expertise in biochemistry, computational biology, and pharmaceutical sciences. Before joining the firm, she conducted extensive research in the field of structural biology, earning a master's degree in Biochemistry, and a second master's degree in Pharmaceutical Sciences. She also completed an internship with the U.S. Food and Drug Administration (FDA), where she gained substantial knowledge of the pharmaceutical industry.

As a Ph.D. candidate in biochemistry (ABD) at the CUNY Graduate Center, she has developed a deep understanding of the complex workings of biological systems. She has investigated several cancer proteins, and applied bioinformatic tools to predict their structure and study their interactions with other macromolecules. Her research findings have been presented at various scientific conferences, both nationally and internationally, and published in reputable journals.

Publications and Presentations

Publications

- Philip, J., Örd, M., Silva, A., Singh, S., Diffley, J. F. X., Remus, D., Loog, M., & Ikui, A. (2021). Cdc6 is sequentially regulated by PP2A-Cdc55, Cdc14 and Sic1 for origin licensing in *S. cerevisiae*. *BioRxiv*, 2021.09.14.460335.
- Barreto C., Silva A., Wiech E., Lopez A., San A., Singh S. (2022) Proteomic Tools for the Analysis of Cytoskeleton Proteins. In: Gavin R.H. (eds) Cytoskeleton. *Methods in Molecular Biology*, vol 2364. Humana, New York, NY.

Presentations

- Silva, A. and Singh, S. Computational Analysis of the NEK Family of Proteins Reveals Unique Structural Features and Interactions with Other Cancer-Related Proteins, American Association for Cancer Research, April 2020.
- Silva, A. and Singh, S. A family-wide computational analysis of the catalytic domains of the Never-in-mitosis A-like (NEK) protein kinases, The American Society for Cell Biology,

December 2020.

- Silva, A. and Singh, S. Computational analysis of the NEK family of proteins reveals unique structural features and interactions with other cancer-related proteins, American Association for Cancer Research, April 2021.
- Silva, A. and Singh, S. Computational analysis of the NEK family of proteins reveals unique structural features and interactions with other cancer-related proteins, American Society for Biochemistry and Molecular Biology, May 2021.
- Silva, A., Philip, J., Singh, S., and Ikui, A. In-silico analysis of Cdc6, Cdc4 and Clb2 protein-protein interactions during cell cycle. Eukaryotic DNA replication & genome maintenance. Cold Spring Harbor Laboratory, September 2021.