



# MPS Newsletter

MAY 2025

## MPS Class of 2025 Graduation



We are proud to highlight the MPS Class of 2025 graduates! Each individual has demonstrated exceptional commitment and dedication throughout their academic journey. As our graduates embark on the next chapter of their lives, the MPS Dean, faculty, and staff extend their best wishes. It has been an honor to be part of their journey, and we look forward to seeing all the great things the future holds for them.



Dean's Academic Excellence Award 2025 -  
Jasjot Kaur Sandhu



MPS Class of 2025 Valedictorian-  
Stella Yao



MPS Assist Prof. Dr. Eslam Mohamed &  
Hansoo Kim



# MPS Newsletter

MAY 2025

## MPS FACULTY PUBLICATION



Journal of  
**proteome**  
research

pubs.acs.org/jpr

Article

### Comparative Proteomic Analysis Reveals Altered Ciliary Proteins in Sickle Cell Disease

Ashraf M. Mohieldin,<sup>\*</sup> Madison Spencer, Carter Bernal, Wala B. Fadol, Ankan Gupta, Karthikeyan Thirugnanam, Claire Delahunty, Francisco Nunez, Amy Y. Pan, Amanda M. Brandow, Sean P. Palecek, Kevin R. Rarick, Ramani Ramchandran, Rahima Zennadi, John Yates, III, and Surya M. Nauli<sup>\*</sup>

Cite This: <https://doi.org/10.1021/acs.jproteome.5c00168>

Read Online



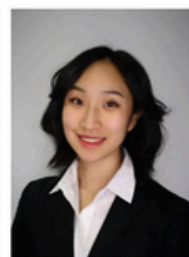
Dr. Ashraf Mohieldin  
MPS Assist. Prof.



Madison Spencer  
MPS Class of 2024



Carter Bernal  
MPS Class of 2023  
COM2 student



Gratiana Chen  
MPS Class of 2025



Riley Danna  
COM1 Student

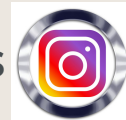
## Sickle cell mice exhibit elevated plasma bilirubin and altered intracranial cerebral blood velocities that are exacerbated by hypoxia-reoxygenation

Francisco J Nunez<sup>1</sup>, Ashraf M Mohieldin<sup>2</sup>, Amy Y Pan<sup>3</sup>, Sean P Palecek<sup>4</sup>, Rahima Zennadi<sup>5</sup>, Ramani Ramchandran<sup>6</sup>, Kevin R Rarick<sup>7</sup>, Surya M Nauli<sup>1</sup>

Affiliations expand

PMID: 40370318 DOI: [10.1177/0271678X251338961](https://doi.org/10.1177/0271678X251338961)





# MPS Newsletter

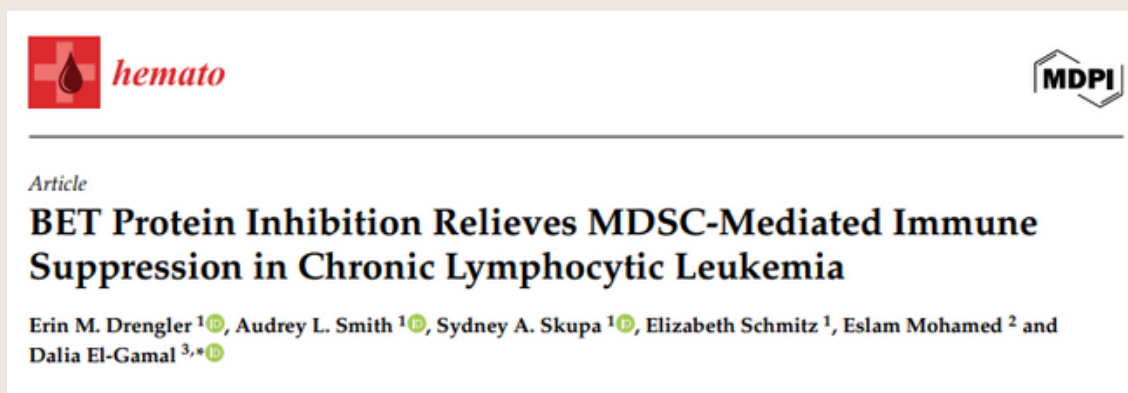
MAY 2025

Congratulations to **Dr. Ashraf Mohieldin (MPS Assistant Professor)**, MPS alumni **Madison Spencer (MPS-2024)** and **Carter Bernal (MPS-2023 and COM-2)** on their recent publication in ACS journal! Their dedication, perseverance, and commitment to their project led to the successful publication of their first research article with our lab, an impressive milestone. We are also proud to share that this study was selected for the front cover of the journal (in process; see attached image). A huge thank you to our talented artists, **Gratiana Chen (MPS-2025)** and **Riley Danna (COM-1)**, for creating the stunning cover image. Both were later recognized in the study's acknowledgment section.

**Dr. Ashraf Mohieldin** has also recently published another article in the Journal of Cerebral Blood Flow & Metabolism, titled “**Sickle cell mice exhibit elevated plasma bilirubin and altered intracranial cerebral blood velocities that are exacerbated by hypoxia-reoxygenation.**” Congratulations once again to Dr. Ashraf Mohieldin and his team on this achievement!



Dr. Eslam Mohamed  
MPS Assist. Professor



Congratulations to **Dr. Eslam Mohamed**, for his recent publication in hemato -MDPI. This study revealed the role of BRD4, an epigenetic modulator in governing the immunosuppressive function of myeloid derived suppressive cells (MDSCs) in Chronic Lymphocytic Leukemia (CLL). We're wishing Dr. Eslam Mohamed many more milestones ahead.



# MPS Newsletter

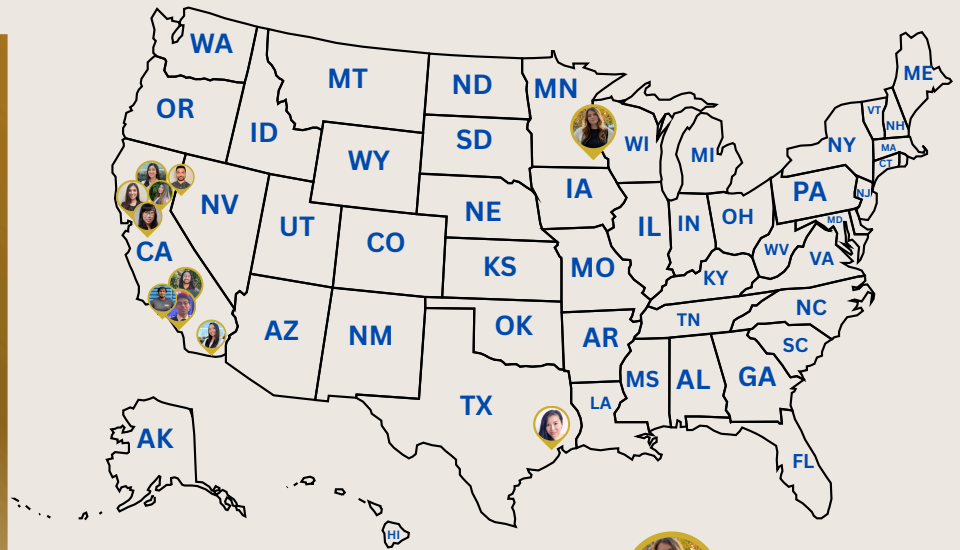
MAY 2025

## MPS-to-MD Pathway Alumni -2025 Residency Matching Outcome & Graduation



**Hannah Neiger (MPS Class of 2021) matching in General Surgery at Mayo Clinic School of Grad Med Educ-MN**

A proud moment for the MPS family to see the inaugural MPS class walk across the stage to receive their MD degrees. Congratulations to the MPS Class of 2021 alumni, now proud members of the COM Class of 2025! We are also proud of our MPS-MD pathway graduates on successfully matching into prestigious residency programs.



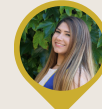
**Hannah Neiger**  
General Surgery  
Mayo Clinic School of  
Grad Med Educ-MN



**Amir Bakhshi**  
Family Medicine  
Adventist Health  
Glendale, CA



**Austin Qiu**  
General Surgery  
SW Healthcare Med ED  
Consortium, CA



**Dorsa Heydarlou**  
General Surgery  
Sutter Health, CA



**Mengyao Liu**  
Internal Medicine  
Sutter Health, CA



**Gagandeep Singh**  
Psychiatry  
U Nevada Reno SOM,  
NV



**Caroline Goswami**  
Internal Medicine  
Internal Medicine  
CA Pacific Med Center  
CA



**Prasanth Kurup**  
Translational/ Summit  
Sutter Health, CA



**Victoria Giang**  
Psychiatry  
San Antonio Uniformed  
Services Health Education  
Consortium, TX



**Angela Penny**  
Anesthesiology  
Naval Medical Center,  
San Diego, CA



**Bahaar Kaur Muhar**  
Neurology  
UC Davis Med Ctr-CA

