

SCHOOL OF BIOLOGICAL SCIENCES SEMINAR

Dr. Rana K. Zabad

NeuroContinuum LLC—Founder and Director

“From Phenotypes to Endotypes - Re-Thinking Multiple Sclerosis Through Mechanistic Lenses”

What if patients who share the same diagnosis are driven by different underlying biological mechanisms?

Explore how MS is being redefined by hidden CNS biology, chronic inflammation, biomarkers, and emerging strategies for precision medicine.

- 1. Why progression can continue despite control of relapses**
- 2. B cells, microglia, astrocytes & compartmentalized CNS inflammation**
- 3. MRI and molecular biomarkers as windows into hidden disease biology**
- 4. From clinical phenotype to mechanistic endotype**
- 5. CAR-T and immune engineering as a frontier in mechanism-based therapy**

**From treating the disease we can see
to understanding the biology we cannot.**

Hosted by

Luwen Zhang

**Thursday, September 10th, 2026 at 3:30 p.m.
Hamilton Hall 112**

Zoom Link: <https://unl.zoom.us/j/94081044933>

Password: sbsseminar



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