BTP Biotech t*Ales* Spring 2021 **Hosted by the Hardy Lab** 

> Food RSVP 5PM Feb 5

## The New York Times

London A.I. Lab Claims Breakthrough That Could Accelerate Drug Discovery

Researchers at DeepMind say they have solved "the protein folding problem," a task that has bedeviled scientists for more than 50 years.



## Has Alphafold killed protein structure determination?

Friday, Feb 12, 2021 4PM

Zoom link: https://umass-amherst.zoom.us/j/8850143944



Can Ozden **Stratton Lab** 



**Thomas Sawyer** Garman Lab



**Katie Wahlbeck Thompson Lab** 



**Kristalle Cruz Hardy Lab** 



Woody Sherman, Ph. D. **CSO**, Silicon Therapeutics

200

400



Chen Lab

800

600

Gradient descent steps



Erik Nordquist Nathaniel Kuzio **Hardy Lab** 

1,000 1,200



**Roman Sloutsky** Stratton Lab

Prediction x-1