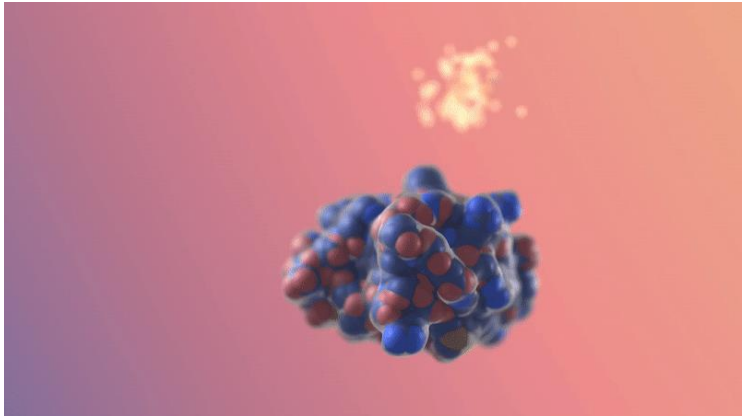
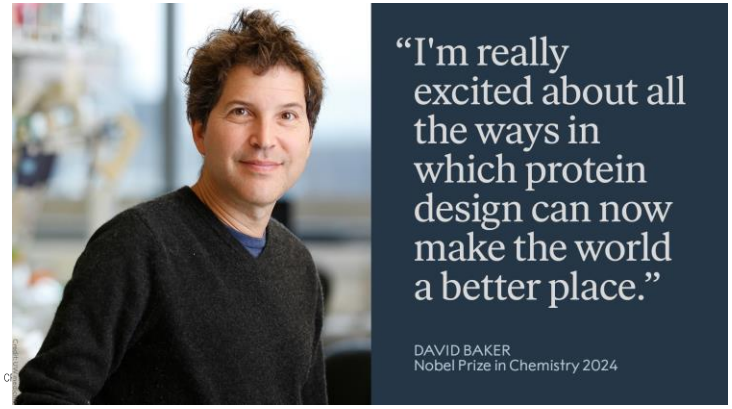
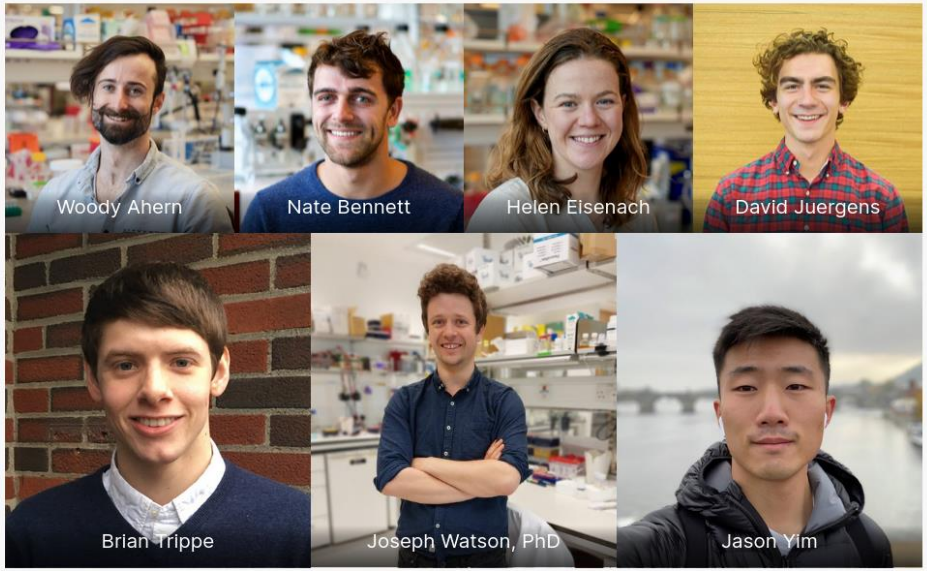
# Journal Club – RFDiffusion – Keiran Rowell

## Protein Scaffold Design – 28th Oct 2024






Lead developers of RFdiffusion

INSTITUTE FOR Protein Design
UNIVERSITY of WASHINGTON

# Diffusion - GenAI

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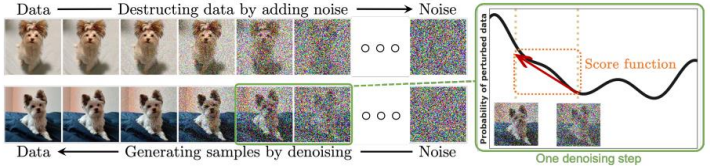
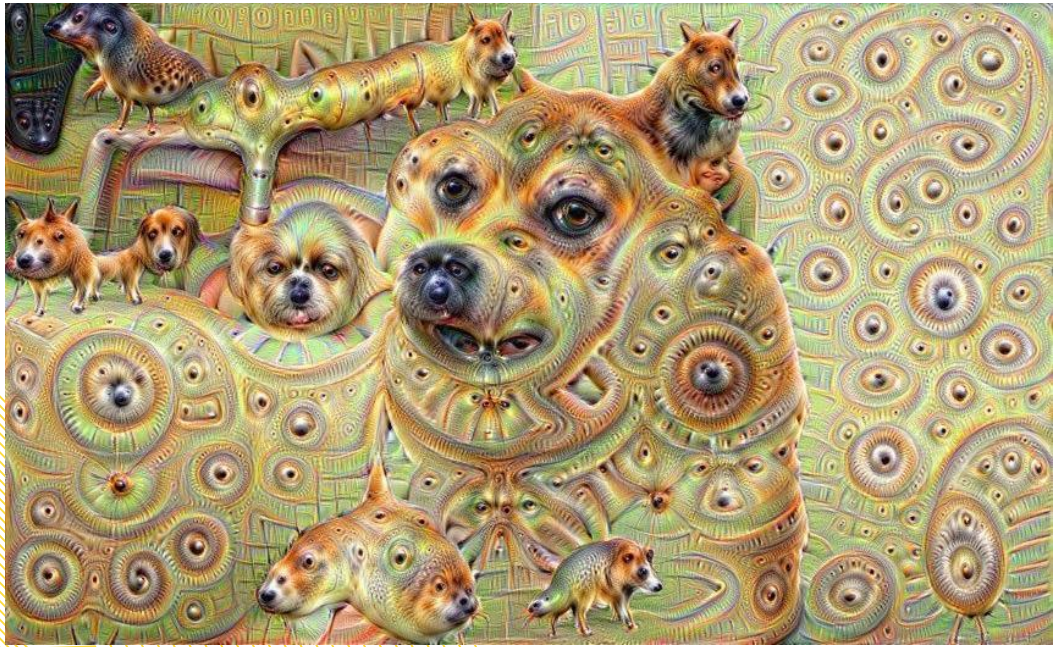
# Hallucination- GenAI



Deep Dream Generator



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# RFDiffusion - GenProtAI

## De novo design of protein structure and function with RFdiffusion

Joseph L. Watson, David Juergens, Nathaniel R. Bennett, Brian L. Trippe, Jason Yim, Helen E. Eisenach, Woody Ahern, Andrew J. Borst, Robert J. Ragotte, Lukas F. Milles, Basile I. M. Wicky, Nikita Hanikel, Samuel J. Pellock, Alexis Courbet, William Sheffler, Jue Wang, Preetham Venkatesh, Isaac Sappington, Susana Vázquez Torres, Anna Lauko, Valentin De Bortoli, Emile Mathieu, Sergey Ovchinnikov, Regina Barzilay, … David Baker + Show authors

*Nature* **620**, 1089–1100 (2023) | Cite this article

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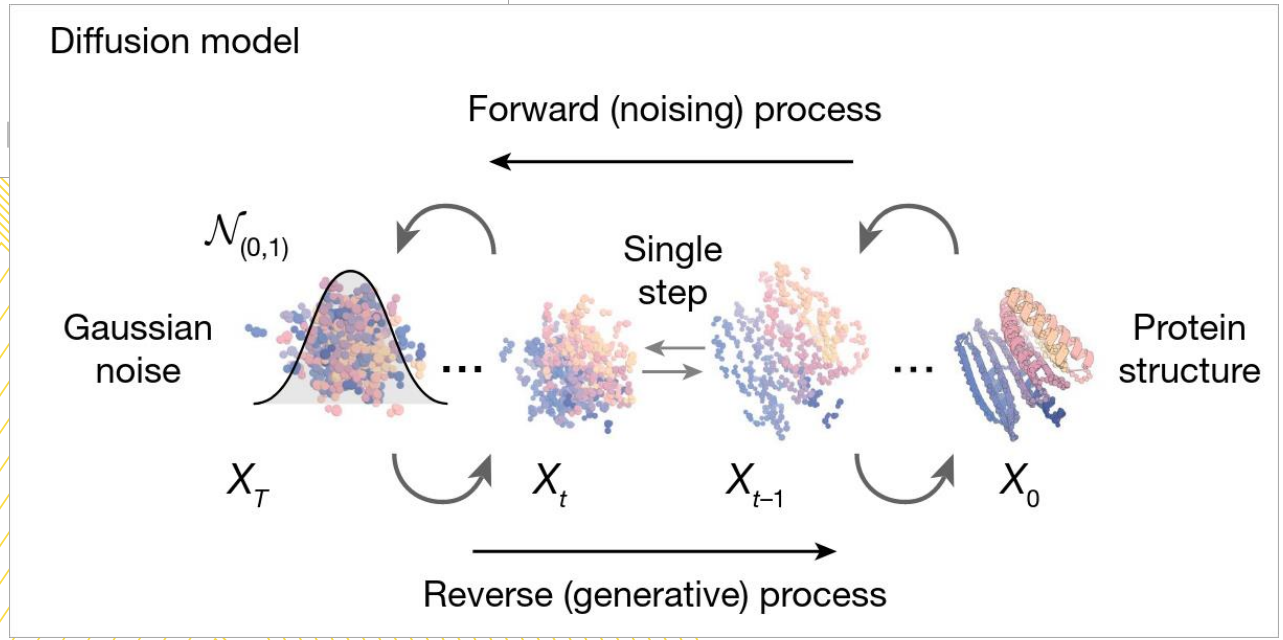


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