That's the goal of translational science.

95% of rare diseases have no approved treatments.

THOUSANDS OF DISEASES

ONLY

HUNDREDS OF TREATMENTS

New treatments take far too long to develop:

- require an average of 10-15 years
- fail 95% of the time

TRANSLATIONAL SCIENCE IS IMPROVING THE PROCESS:

- Understanding what’s similar across diseases to help develop multiple treatments at a time
- Developing models that better predict a person’s reaction to a treatment
- Enhancing the design and conduct of clinical trials so the results more accurately reflect the patient population

Learn more at: ncatso.nih.gov