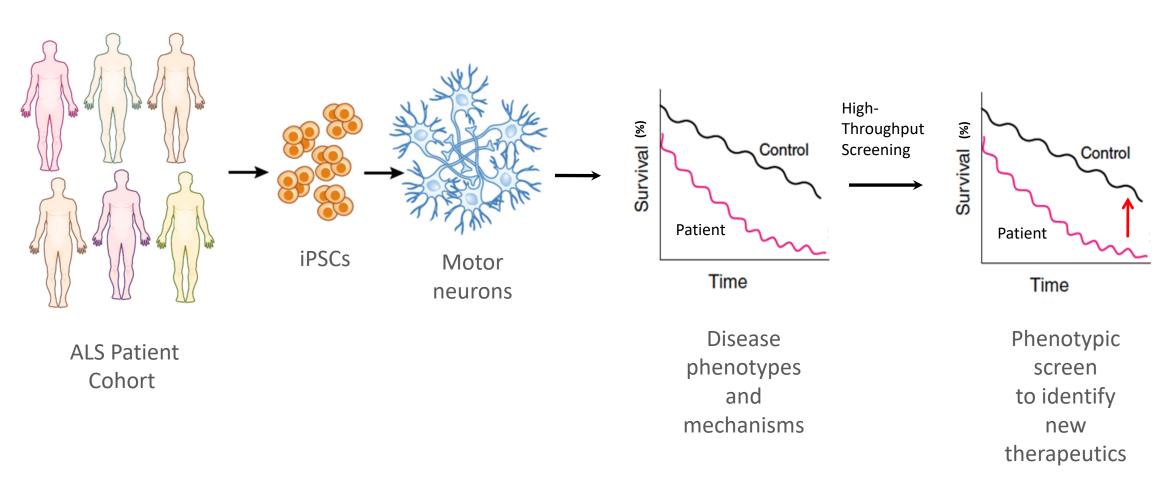
NAS ALS Panel

Justin Ichida

John Douglas French Alzheimer's Foundation Endowed Professor
Associate Professor of Stem Cell Biology and Regenerative Medicine
USC Keck School of Medicine
New York Stem Cell Foundation-Robertson Investigator

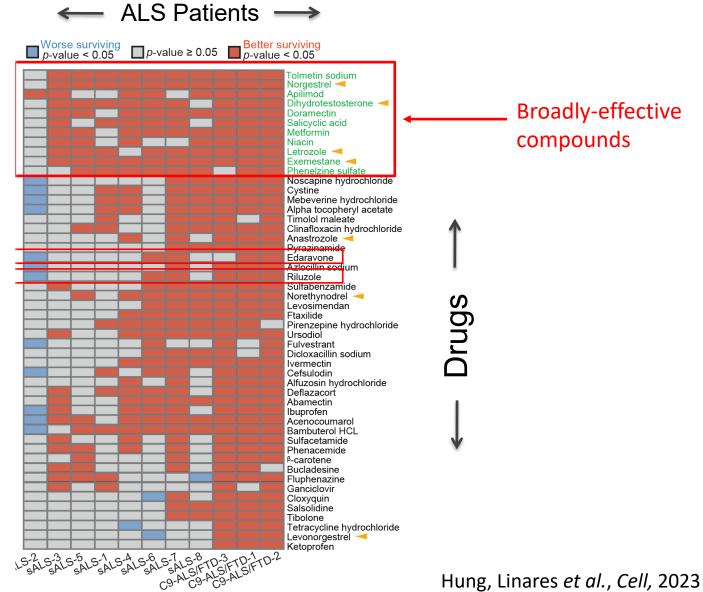
Co-founder of AcuraStem, Inc. and Modulo Bio SAB member of Spinogenix, Vesalius Therapeutics Employee of BioMarin Pharmaceutical, Inc.

Establishing a patient-specific approach to ALS



Marton and Pasca, *Nature Medicine*, 2018 Shi, Lin *et al.*, *Nature Medicine*, 2018

2000 compound screen: only rare targets rescue ALS motor neuron degeneration broadly



Hung, Linares et al., Cell, 2023 Linares, Li et al., Cell Stem Cell, 2023

The "ALS" Harrington Discovery Institute Therapeutics Development Team

Lead Advisor



Steve Brenner, PhD

Former VP of
Chemical and
Protein Technology
at Bristol-Myers
Squibb

DNA Drug Expert



Siew Ho, PhD

Former Head of Nucleic Acid Research at Bristol-Myers Squibb

Chemistry Expert



William Murray, PhD

Former VP of Chemistry at J&J

VP of Therapeutics Development, HDI



Diana Wetmore, PhD

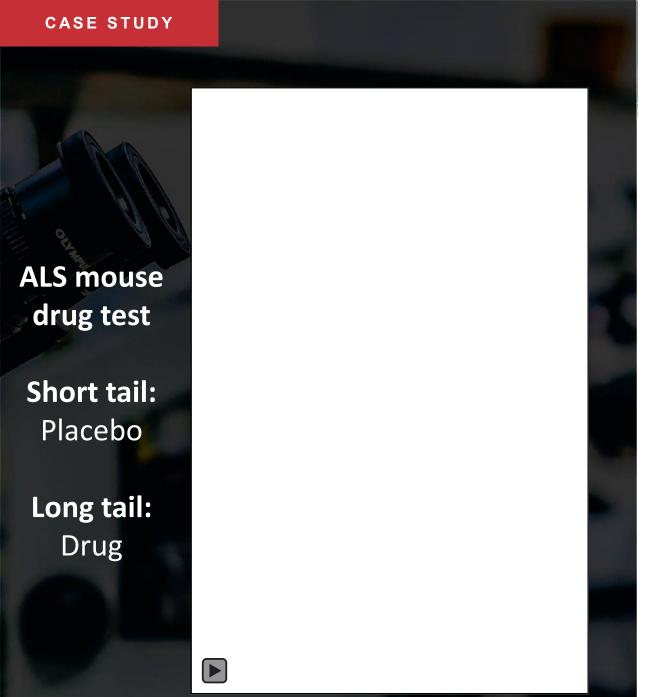
Project Manager

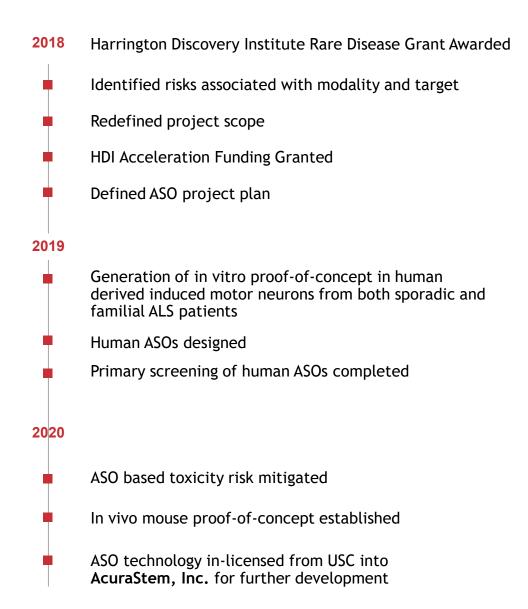


Simon MazzaLunn, PhD

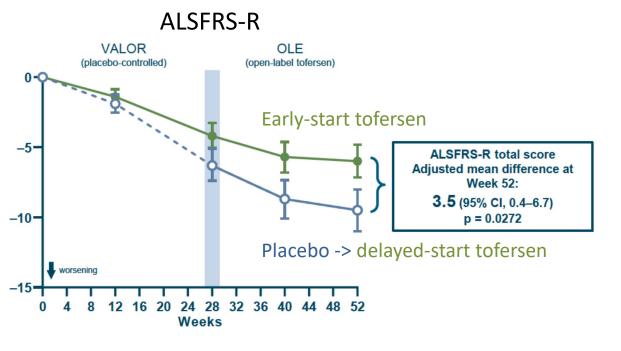
Harrington Discovery Institute

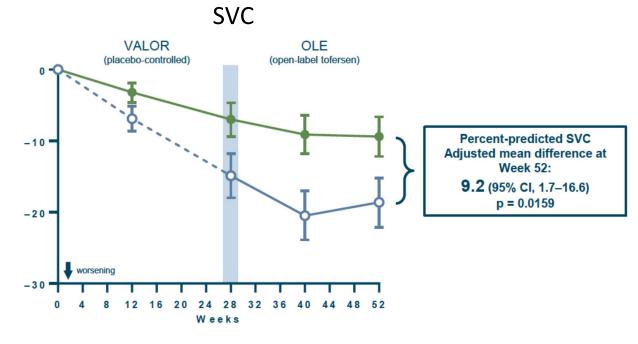
University Hospitals | Cleveland, Ohio

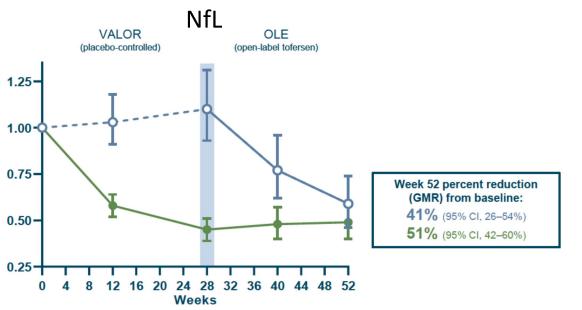




Clinical Trials: length of trials, outcome measures, and surrogate endpoints







ALS nerve cells

A cancer drug candidate prevents

ALS nerve cell death but has poor exposure in the brain

