

ACHIEVE Trial, a Randomized, Placebo-Controlled, Multiple Ascending Dose Study of DYNE-101 in Individuals with Myotonic Dystrophy Type 1 (DM1)

Daniel Wolf, PhD

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YDyne

DM1 Is a Progressive Neuromuscular Disease with Multisystem Involvement with no Disease-Modifying Treatment Approved



FORCE Targets the Genetic Basis of DM1 to Correct Splicing



Robust Preclinical Data Support the Potential of DYNE-101 to Drive Disease Modification in the Clinic



Phase 1/2 Clinical Trial to Evaluate DYNE-101 in Adults with DM1

Primary Endpoints

Safety and tolerability



Population

- Adult patients living with DM1
- Ages 18 to 49 years
- ~64 adult participants

Initial Safety, Tolerability & Splicing Data Expected in H2 2023

Key Secondary Endpoints

- Pharmacokinetics
- Change from baseline of:
 - Splicing
 - DMPK RNA expression
 - Multiple assessments of muscle strength and function

Stages of ACHIEVE

- Multiple Ascending Dose (MAD): 24 weeks
- Open-Label Extension (OLE): 24 weeks
- Long-Term Extension (LTE): 96 weeks



Global, Randomized, Placebo-Controlled Stage Evaluating Once Monthly or Less Frequent Administration of DYNE-101 in ~64 Adult Patients Living with DM1



MAD Study Details

- IV administration of DYNE-101 or placebo every 4 weeks or every 8 weeks
- Muscle biopsies: Baseline, 12 weeks, 24 weeks
- Patients in MAD study escalated to highest tolerable dose in OLE and LTE



Q4W, every 4 weeks dosing; Q8W, every 8 weeks dosing Doses provided refer to ASO component of DYNE-101. Recovery cohort Q4W x 2 doses then placebo for the remainder of the 24W placebo-controlled period. Q8W with booster includes Q4W x 3 doses then Q8W dosing. ClinicalTrials.gov, NCT05481879 ACHIEVE participants and their families

ACHIEVE investigators and site staff

Dyne co-authors

Chris Mix Baoguang Han Ashish Dugar Wildon Farwell

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