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(54) **METHODS FOR TREATING DENERVATION-INDUCED MUSCLE ATROPHY**

(71) Applicants: **Huibin Tang**, Palo Alto, CA (US); **Joseph Shrager**, Stanford, CA (US)

(72) Inventors: **Huibin Tang**, Palo Alto, CA (US); **Joseph Shrager**, Stanford, CA (US)

(73) Assignee: **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY**, Palo Alto, CA (US)

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See application file for complete search history.

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*Primary Examiner* — Jane Zara
(74) *Attorney, Agent, or Firm* — Stanford University; Andrea Blecken

(57) **ABSTRACT**

The present invention provides methods for the treatment of denervation-induced skeletal muscle atrophy, and generally, denervation-induced skeletal muscle degeneration diseases using agents that decrease the activity of mammalian target of rapamycin and/or the activity of at least one of the Forkhead Box Transcription Factors 1, 3 and 4.

**11 Claims, 8 Drawing Sheets**