



US009410969B2

(12) **United States Patent**
Chang et al.

(10) **Patent No.:** **US 9,410,969 B2**

(45) **Date of Patent:** **Aug. 9, 2016**

(54) **METHOD FOR DETERMINING AND TREATING AMYOTROPHIC LATERAL SCLEROSIS**

(2013.01); *C07K 16/18* (2013.01); *G01N 33/564* (2013.01); *G01N 33/6854* (2013.01); *G01N 33/6893* (2013.01); *G01N 2800/28* (2013.01); *G01N 2800/285* (2013.01)

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(58) **Field of Classification Search**

None

See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/854,051**

(22) Filed: **Sep. 15, 2015**

(65) **Prior Publication Data**

US 2015/0377912 A1 Dec. 31, 2015

(Continued)

Related U.S. Application Data

(63) Continuation-in-part of application No. 14/147,382, filed on Jan. 3, 2014, now abandoned, and a continuation-in-part of application No. 13/164,190, filed on Jun. 20, 2011, now abandoned.

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(51) **Int. Cl.**

C07K 16/34 (2006.01)

A61P 25/28 (2006.01)

G01N 33/68 (2006.01)

A61K 31/428 (2006.01)

C07K 16/18 (2006.01)

G01N 33/564 (2006.01)

(57) **ABSTRACT**

The present invention provides a method of determining and treating amyotrophic lateral sclerosis (ALS) in a subject, comprising the following steps: (1) measuring a concentration of an autoantibody against high mobility group box 1 protein (HMGB1) in a biological sample from the subject; and (2) administering an effective amount of ALS-treating drug to the subject whose measured concentration of the autoantibody against HMGB1 is higher than 0.874 µg/ml.

(52) **U.S. Cl.**

CPC *G01N 33/6896* (2013.01); *A61K 31/428*

4 Claims, 5 Drawing Sheets

