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(71) Applicant: BIOGEN MA INC. [US/US]; 250 Binney Street, Cambridge, MA 02142 (US).

(72) Inventors: NOVAS, Mark; 172 East Emerson Road, Lexington, MA 02420 (US). ZHANG, Rui, (Ray); 26 Horizons Road, Sharon, MA 02067 (US).

(74) Agents: ANTILER, Adriane, M. et al.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

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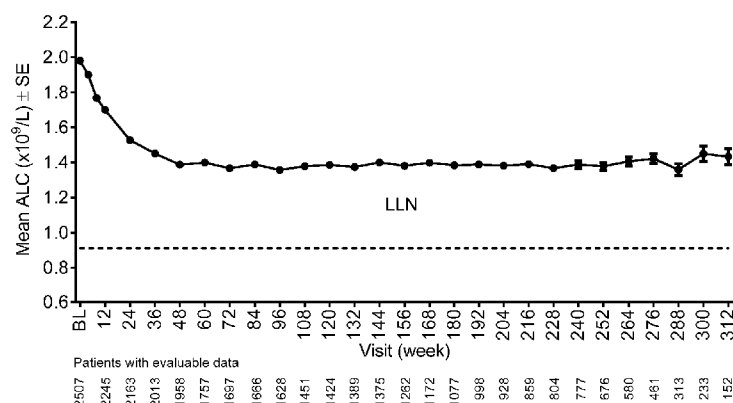
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(54) Title: METHODS OF TREATING MULTIPLE SCLEROSIS

Figure 1



(57) Abstract: Provided herein are methods of treating multiple sclerosis with a fumarate, wherein the fumarate is a dialkyl fumarate, a monoalkyl fumarate, a combination of a dialkyl fumarate and a monoalkyl fumarate, a prodrug of monoalkyl fumarate, a deuterated form of any of the foregoing, or a pharmaceutically acceptable salt, clathrate, solvate, tautomer, or stereoisomer of any of the foregoing, or a combination of any of the foregoing. The methods provided herein improve the safety of treatment by informing and monitoring patients undergoing treatment regarding progressive multifocal leukoencephalopathy, and/or by monitoring lymphocyte count.