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Low-dose niacin supplementation modulates GPR109A, niacin index and ameliorates Parkinson's disease symptoms without side effects.

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Abstract

A 65-year-old male, Parkinson's disease patient, was evaluated for GPR109A expression, niacin index, UPDRS scale, handwriting test, and quality of sleep with and without niacin treatment. The evaluation was repeated 3 months after niacin was stopped. Niacin modulated the abovementioned parameters and showed the overall improvement without side effects.

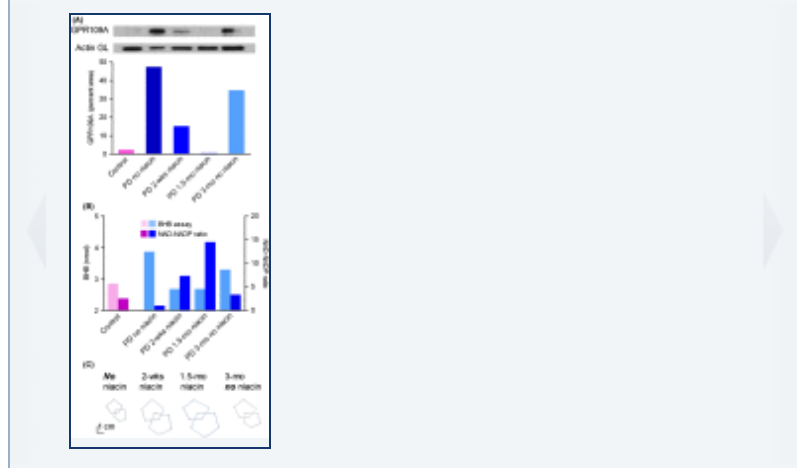
KEYWORDS: GPR109A; Parkinson's disease; inflammation; niacin

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