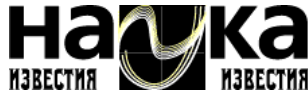


## В ОЖИДАНИИ ОДНОГО ИЗ САМЫХ РАЗРУШИТЕЛЬНЫХ ЗЕМЛЕТРЯСЕНИЙ XXI ВЕКА

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### MUD CAN HELP IN THE TREATMENT OF DIABETES?



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On the basis of salts of humic acids (humates) can be developed drug for patients with diabetes. Russian scientists have tested new compounds in animals and showed that humates reduce blood sugar levels.

Diabetes - a disease characterized by an increase in blood glucose levels. This symptom is not only indicative of a loss of insulin production or sensitivity to it, but also a danger in itself: it is too sweet blood to literally stick to blood vessels, resulting in a disturbed structure of their walls and blood flow to tissues. It is therefore necessary to develop not only drugs to combat the causes of the disease, but drugs that directly reduce blood sugar levels.

Employees at Voronezh State University, Voronezh Medical Academy, offered to use as gipoglikemikov (saharoponizhayuschih drugs) salt of humic acid and tested in animals the effectiveness of this approach. The study is published in the latest issue of the Bulletin of Voronezh State University, series: chemistry, biology, pharmacy.


Salt of humic acid - is widespread in the nature of the substance. In this study, researchers used three sources of humates: sapropel humate was obtained from the bottom mud (sapropel) Lignohumate - from the medical lignin, and humate leonardita - from brown coal (leonardita). First, researchers tested the effectiveness of three humates as saharoponizhayuschih means for imposing them healthy animals. All three agents were able to reduce blood sugar levels. The greatest hypoglycemic effect showed Lignohumate, and therefore it will continue to research on animals with artificially induced diabetes. Able to show that it prevents the development of hyperglycemia (a dangerous increase of glucose), reduces the severity of typical symptoms of diabetes such as polyuria, and improves the general condition of experimental animals. If further studies confirm the efficacy and safety Lignohumate, the arsenal of medicine will saharoponizhayuschy drug that will cost several times cheaper than today's existing counterparts. It is reported Informnauka.


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