

SibFU chemists: time to gather stones

SibFU researchers have developed an analytical method to find out a predisposition to kidney disease. The head of the project team is Professor **Alexander Efremov** from the Department of Analytical and Organic Chemistry.

Elena Yusenko, the project's author and SibFU doctoral student, says: *«People rarely consider if the food products they consume are harmful. Much beloved coffee, tea, chocolate and even milk or herbs may contribute to kidney disease».*

A third of the RF population have kidney disease and many people are unaware of the problem as there are no symptoms. Patients go to see a doctor when they feel severe pain - renal colic.

Elena Yusenko thinks this serious problem can be prevented. A twenty minute blood test developed by the researchers from the Department of Analytical and Organic Chemistry, SibFU, identifies the substances responsible for building stones in kidneys.

«The test results — the project's author says— will help doctors to develop preventive treatment and diet and find out metabolic imbalances. Nobody doubts that prevention is the best cure. A diet is always better than a scalpel».

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