



Most of the compounds that protect against the **DEVELOPMENT OF CATARACT** are synthesized in the lens itself, with the exception of the most important **ANTIOXIDANT**, i. e., **VITAMIN C**. P. 6

The genes of wild Andean **POTATO** that protect the root crop from rot can be inserted into the genome of a regular potato using both **GMO TECHNOLOGY** and traditional **BREEDING** – the result will be the same. P. 16

.01

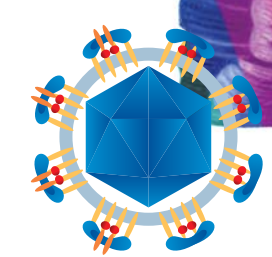
RESEARCH HORIZONS

- 06 *E. A. Zelentsova, Y. P. Tsentalovich, L. V. Yanshole, V. V. Yanshole, A. D. Melnikov, O. A. Snytnikova*
Metabolome – the Molecular Mirror of Life
- 16 *A. A. Volchok, V. A. Nu*
GMO and Other Genetic Secrets of Plant Selection

.02

HYPOTHESES AND FACTS

- 32 *N. V. Polosmak*
The Pazyryk: Culture Through Faces



The **PAZYRYK CULTURE** owes much of its physical resilience and adaptability to its **GENETIC AND ETHNIC DIVERSITY**. P. 32

The risk of dying from **TICK-BORNE ENCEPHALITIS** is higher when **INFECTED** with the Siberian and especially the Far Eastern subtypes of the **VIRUS**. P. 50

.03

PEOPLE

- 50 *S. E. Tkachev, V. V. Vlasov*
Tick-Borne Encephalitis
Nordic Temperament,
Merciless Towards Humans
- 64 *V. V. Vlasov*
Eight-Legged Soldiers
Myths and Conspiracy Theories
around Tick-Borne Infections

