



The **NEANDERTHAL** gene variant that occurs in modern humans and that is responsible for the lipid transport through cell membrane has been found to provoke **DIABETES** but in the old times it could have offered an advantage in case of chronic starvation. **C. 40**

**.01**

**HISTORY OF SCIENCE. DESTINES**

- 6 A.A. Vasiliev**  
The Controlled Explosion.  
115 Years since the Birth of Academician Mikhail A. Lavrentyev

Large **SCYTHIAN** kurgans appear to have been used also as **TEMPLES** for commemorating the dead and offering up sacrifice, including human sacrifice, to gods. **C. 74**

**.03**

**HYPOTHESES AND FACTS**

- 40 A.P. Derevyanko, M.V. Shunkov**  
Where Has Homo Sapiens Come from?
- 60 V.I. Molodin, A.S. Pilipenko**  
Hunters for Ancient Genes.  
Genetic Chronicle of the West Siberian Population in the Paleometal Age
- 74 H. Parzinger, A. Gass, J. Fassbinder**  
At the Foot of Royal Kurgans
- 90 A. Nagler**  
The Big Steppe Kurgans as Architectural Monuments
- 106 A.V. Baulo**  
Mysterious Artefacts from Archaeological Sites and Ethnographic Complexes of the North of West Siberia

According to the analysis of mitochondrial **DNA** and the male **Y-CHROMOSOME**, the expansion of the "Andronovans" across West Siberia in the 2<sup>nd</sup> millennium BC was accompanied by **NUMEROUS ALLIANCES** between them and the local female population. **C. 60**

**.02**

**UNIVERSITY STORIES**

- 26 G.Sh. Fridman, A.S. Markovichev, S.I. Prokopiev**  
NSU Distance Learning School:  
50 Years After

Recent archaeological studies have shown that the ancient tumuli of the **EURASIAN STEPPE** are not just mounds but structures of complex **ARCHITECTURE BESPEAKING** the high level of the construction technologies of the ancient nomads. **P. 90**

