

CONTENTS

Ecology

- Mohsen JANMOHAMMADI, Naser SABAGHNIA.** Strategies to alleviate the unusual effects of climate change on crop production: a thirsty and warm future, low crop quality. A review..... 121
- Irena JANUŠKAITIENĖ.** The second heat wave leads to changes in the efficiency of alfalfa's photosynthetic energy use..... 134
- Rasa ŽOLYNAITĖ, Skirmantas POCIUS, Laima ČESONIENĖ.** Influence of organic agricultural production on the condition of surface water..... 147

Immunology

- Indrė LIPATOVA, Ieva KULNICKAITĖ, Živilė JACIKĖ, Ieva KORSAKOVĖ.** The impact of sex, age, and season on the prevalence of *Helicobacter pylori* infection in Lithuania..... 155

Chronicle

- Indrė LIPATOVA.** Recent doctoral theses (biochemistry, biology, biophysics, ecology and environmental, zoology) in Lithuania..... 162