

## CONTENTS

### Food Technology

**Tomasz Żelaziński, Adam Ekielski, Adam Siwek, Leszek Dardziński**

Characterisation of corn extrudates with the addition of brewers' spent grain as a raw material for the production of functional batters ..... 247

**Tatiana K. Kalenik, Rui Costa, Elena V. Motkina, Tamara A. Kosenko, Olga V. Skripko, Irina A. Kadnikova**

Technological development of protein-rich concentrates using soybean and meat by-products for nutrition in extreme conditions ..... 255

**Urszula Szymanowska, Barbara Baraniak, Urszula Gawlik-Dziki**

Changes in the level and antioxidant activity of polyphenols during storage of enzymatically treated raspberry juices and syrups ..... 269

**Khu S. Li, Abbas Ali, Ida I. Muhammad**

The influence of microwave cooking on the nutritional composition and antioxidant activity of the underutilized perah seed ..... 283

**Marianna Raczyk, Aleksander Siger, Elżbieta Radziejewska-Kubzdela, Katarzyna Ratusz, Magdalena Rudzińska**

Roasting pumpkin seeds and changes in the composition and oxidative stability of cold-pressed oils . 293

**Milena Alicja Stachelska**

Determining the prevalence of *inv*-positive and *ail*-positive *Yersinia enterocolitica* in pig tonsils using PCR and culture methods ..... 303

**Zohreh Ghaleh Mosiyani, Rezvan Pourahmad, Mohammad Reza Eshaghi**

Investigating the effect of aqueous extracts of basil and savory on antioxidant activity, microbial and sensory properties of probiotic yogurt ..... 311

**Tadeusz Karamucki, Artur Rybarczyk, Małgorzata Jakubowska, Anna Sulerzycka**

A comparison of two methods of determining colour change in the assessment of the quality of pork 321

### Human Nutrition

**Nicola Landi, Sara Ragucci, Michelina Fiorentino, Vincenzo Guida, Antimo Di Maro**

Nutritional values and metabolic profile with and without boiled treatment of 'Gallo Matese' beans (*Phaseolus vulgaris* L.), a landrace from Southern Italy ..... 331

**Ewa Sapiejka, Patrycja Krzyżanowska, Dariusz Walkowiak, Ewa Wenska-Chyży, Mariusz Szczepanik, Szczepan Cofa, Andrzej Pogorzelski, Wojciech Skorupa, Jarosław Walkowiak**

Vitamin A status and its determinants in patients with cystic fibrosis ..... 345