

**CONTENTS**

*Review*

- TAKAHASHI T: Flow Behavior of Digesta and the Absorption of Nutrients in the Gastrointestine . . . . . 265–273

*Regular Paper*

- HARAIKAWA M, SOGABE N, TANABE R, HOSOI T and GOSEKI-SONE M: Vitamin K<sub>1</sub> (Phylloquinone) or Vitamin K<sub>2</sub> (Menaquinone-4) Induces Intestinal Alkaline Phosphatase Gene Expression. . . . . 274–279
- NAKARI M, KANOUCHI H and OKA T: High Dose of Pyridoxine Induces IGFBP-3 mRNA Expression in MCF-7 Cells and Its Induction Is Inhibited by the p53-Specific Inhibitor Pifithrin- $\alpha$ . . . . . 280–284
- TUJIOKA K, OHSUMI M, SAKAMOTO K, THANAPREEDAWAT P, AKAO M, KIM M, HAYASE K and YOKOGOSHI H: Effects of Dietary  $\gamma$ -Aminobutyric Acid on the Brain Protein Synthesis Rate in Hypophysectomized Aged Rats. . . . . 285–291
- KOBAYASHI Y, OHBUCHI T, FUKUDA T, WAKASUGI E, YASUI R, HAMADA M, YOKOYAMA M, KUWAHATA M and KIDO Y: Acidic Xylooligosaccharide Preserves Hepatic Iron Storage Level in Adult Female Rats Fed a Low-Iron Diet . . . . . 292–297
- KUROKAWA S, TAKEHASHI M, TANAKA H, MIHARA H, KURIHARA T, TANAKA S, HILL K, BURK R and ESAKI N: Mammalian Selenocysteine Lyase Is Involved in Selenoprotein Biosynthesis. . . . . 298–305

*Note*

- HIRAI S, ISHIBUCHI T, WATABE S, MAKITA M, KISHIDA C, TAKAGAKI M, KURAUCHI N and EGASHIRA Y: Protective Effect of Red-Stemmed Type of *Ipomoea aquatica* Forsk against CCl<sub>4</sub>-Induced Oxidative Damage in Mice . . . . . 306–310

*Letter to Editor*

- LEIBOVITZ A: Tube-Enteral Feeding for Frail Elderly Patients with Oropharyngeal  
Dysphagia—Not Only Yes or No, but When? . . . . . 311–312
- YOSHIKE N, YAMAMOTO S, TOKUDOME S, SHIMIZU M: IUNS Workshop on Capacity and Leadership Development in Nutritional Sciences Held in Tokyo 2010. . . . . 313–315