

## TABLE OF CONTENTS

|  |         |
|--|---------|
| <b>Activation of SH2 domain-containing protein tyrosine phosphatase and inflammatory expression in psoriasis.</b> Bui Kieu Trang, Nguyen Thi Kim Lien, Nguyen Thi Xuan   | 393-399 |
| <b>Expression of deubiquitinase genes and inflammatory response in myeloid leukemia.</b> Nguyen Thanh Huyen, Nguyen Hoang Giang, Nguyen Thi Xuan   | 401-408 |
| <b>Blockade of interleukin-33 activities by recombinant interleukin-33 Trap Fc protein would be a novel therapeutic strategy in allergic asthma.</b> Thao Thi Thanh Nguyen, Phuc Hong Vo, Quan Dang Nguyen   | 409-424 |
| <b>Selection of optimal culture conditions for expression of recombinant beta-glucosidase in <i>Escherichia coli</i>.</b> Nguyen Thi Binh, Nguyen Thi Quy, Do Thi Huyen, Le Thi Thu Hong, Truong Nam Hai   | 425-433 |
| <b>The concentration-independence cellular effects of fibronectin adsorbed on material surfaces with different hydrophobicities.</b> Huong Le, Hoang-Nghi Mai-Thi, Xuan Le, Ngoc Quyen Tran, Cam Tu Tran, Khon Huynh   | 435-444 |
| <b>Simulated microgravity altered the cell cycle progression of porcine granulosa cells.</b> Truong Xuan Dai, Hoang Nghia Son, Le Thanh Long   | 445-451 |
| <b><i>Agrobacterium</i>-mediated transformation and <i>in vitro</i> evaluation of dehydration tolerance in transgenic tobacco harboring <i>Ca-AFP</i> gene.</b> Tran Thi Ngoc Ha, Hoang Van Duong, Nguyen Huynh Cam Tu, Phan Tuong Loc   | 453-465 |
| <b>Effects of blue and red LED lights on rubisco activase gene expression, CO<sub>2</sub> fixation efficiency and plant morphology of <i>Gerbera jamesonii</i>.</b> Nguyen Khac Hung, Do Thi Gam, Hoang Thi Huyen Trang, Chu Hoang Ha, Do Tien Phat, Pham Bich Ngoc                              | 467-477 |
| <b>Genetic structure of <i>Anisoptera costata</i> in Southeast Vietnam.</b> Nguyen Phan Lan Hong, Nguyen Minh Duc, Nguyen Minh Tam   | 479-486 |
| <b>Investigation of microalgae culture by autoflocculation methodologies.</b> Le Thi Van Anh, Tran Thi Ngoc Thu, Nguyen Thi Dong Phuong  | 487-494 |
| <b>Effect of exogenous melatonin on antioxidant enzyme activities and membrane lipid peroxidation in avocado fruit during ripening.</b> To Thi Bich Ngoc, Vo Minh Thu, Nguyen Thi Phuong Hien, Huynh Thi Thanh Tra, Hoang Duc An, Truong Thi Hue   | 495-504 |
| <b>Isolation and evaluation the effect of <i>Bacillus subtilis</i> BLD01 strain on the survival rates and gut microbiota of <i>Penaeus vannamei</i> after challenge with <i>Vibrio parahaemolyticus</i>.</b> Le Hoang Duc, Nguyen Trung Nam, Dang Thi Hoang Oanh, Tran Trung Thanh, Chu Hoang Ha | 505-516 |

- New inhibitors for dicarbonyl/L-xylulose reductase in *Caenorhabditis elegans*.** 517-526  
Le Tho Son, Nguyen Hai Dang, Lai Thi Phuong, Nguyen Thi Thu, Nguyen Huy Hoang
- Screening bile salt hydrolase activity of *Lactobacillus* isolated from Vietnamese human origins.** 527-536  
Xuan Thach Tran, Thi Hien Vu, Thi Thu Ha, Thi Hoa Nguyen, The Hung Hoang, Duc Hoang Le, Quyen Van Dong, Nam Trung Nguyen, Thi Tuyet Nhung Nguyen
- Antifungal activity of oxidative damaging agents in combination with metal cations against *Trichophyton rubrum* isolated from a dermatological patient.** 537-544  
Nguyen Thi Nguyet, Tran Cam Van, Nguyen Xuan Thu, Nguyen Thi Mai Phuong
- Biological characteristics of the heterotrophic marine microalgae *Thraustochytrium pachydermum* TSL10 isolated from the sea area of Truong Sa Archipelago, Vietnam.** 545-563  
Le Thi Thom, Nguyen Cam Ha, Hoang Thi Minh Hien, Ngo Thi Hoai Thu, Vu Thi Loan, Nguyen Trong Dan, Truong Ba Hai, Dang Diem Hong
- Evaluation on the Zn<sup>2+</sup> ion adsorption capacity in water of *Spirulina platensis* biomaterial.** 565-572  
Hoang Thi Quynh, Duong Thi Thuy, Doan Thi Oanh, Nguyen Thi Nhu Huong, Le Phuong Thu, Nguyen Mai Lan, Bui Nguyen Minh Thu, Nguyen Duc Dien
- The roles of microalgae and bacteria in wastewater treatment.** 573-588  
Nguyen Tran Dinh, Le Phuong Thu, Ngo Thanh Dat, Nguyen Khanh Toan, Pham Le Anh