

CONTENTS

Public Health / Infections Diseases

- AKHTAR, A.M., KHAN, M.A., IJAZ, T., IQBAL, Z., RANA, M.Y., MAQBOOL, A. AND REHMAN, A. Seroprevalence and determinants of hepatitis-C virus infection in blood donors of Lahore, Pakistan 1
- LENGA, A., LENGA-LOUMINGOU, I.A., MOUSSOUNDA, M.M. AND VOUIDIBIO, J. The prurigo strophulus in Brazzaville: demonstration of vectors and study of some associated bioecological parameters 121
- ALI, B., ANJUM, A., MAHMOOD, S., WADOOD, M.A. AND SHAKOORI, A.R. Identification of bovine and human tuberculosis in AFB positive and negative patients 255

Environmental Pollution / Toxicology

- JABEEN, F. AND CHAUDHRY, A.S. Metal uptake and histological changes in gills and liver of *Oreochromis mossambicus* inhabiting Indus River 9
- KHAN, Z.I., AHMAD, K., BAYAT, A., MUKHTAR, M.K. AND SHER, M. Evaluation of lead concentration in pasture and milk: A possible risk for livestock and public health 79
- AL-DOAISS, A.A., ALARIFI, S.A. AND JARRAR, B.M. Hepatic histological and histochemical alterations induced by rosvastatin therapeutic doses 149
- ALI, N.S., ALI, S.S. AND SHAKOORI, A.R. Effects of sublethal doses of malathion on biochemical components of malathion-resistant and -susceptible adults of *Rhyzopertha dominica* 203
- KHATTAK, M.I. AND KHATTAK, M.I. Evaluation of heavy metals (As and Cd) contamination in the edible fish along Karachi-Makran Coast 219

Entomology

- MANZOOR, F., RUHMA, S. AND AZKA, S. Study of foraging behaviour of *Coptotermes heimi* (Wasmann) by mark-release-recapture method 19

- KAMRAN, M., AFZAL M. AND BASHIR, M.H. A new species of genus *Erythraeus* (Acari: Erythraeidae) from Punjab, Pakistan 35
- SARWAR, Z.M., BASHIR, M.H., KHAN, B.S. AND KHAN, M.A. Description of two new species of genus *Caloglyphus* Berlese (Acari: Acaridae) from Pakistan 101
- TAHIR, H.M., BIBI, H. AND KHAN, S.Y. Adult density, abdominal status and resting preference of *Culex quinquefasciatus* (Diptera: Culicidae) (S.C.) 277

Cell and Molecular Biology / Bioinformatics / Cancer Biology

- HOESSLI, D.C., GHAZANFAR, F., KALEEM, A., IQBAL, Z., SHAKOORI, A.R. AND NASIR-UD-DIN. SIRT1: importance of *O*-GlcNAc and phosphorylation interplay in aging and diabetes 27
- KHAN, S.N., NIEMANN, S., GULFRAZ, M., QAYYUM, M., SIDDIQI, S., MIRZA, Z.S., TAHSIN, S., EBRAHIMI-RAD, M. AND KHANUM, A. Molecular characterization of multidrug-resistant isolates of *Mycobacterium tuberculosis* from patients in Punjab, Pakistan 93
- AHMAD, A., UMER, R. AND SHAKOORI, A.R. Human umbilical cord blood serum, a better alternative of fetal bovine serum 167
- QURRATULAIN AND SHAKOORI, A.R. Frequency of *Kras* gene mutations in endometrioid carcinoma of uterus in Pakistani population 197
- AHMAD, M.S. AND SHAKOORI, A.R. Isolation, molecular characterization and toxicity of *cry1C* gene harboring *Bacillus thuringiensis* from different habitats and localities of Pakistan 261

Continued on page 290

[Covered by ISI Web of Knowledge, Abstracted and indexed in *Biological Abstracts*, *Chemical Abstracts*, *Zoological Records*, *Information Retrieval Limited*, *London*, *Service Central De Documentation De L'ORSTOM*, *Paris* and *National Inquiry Services Centre*, *South Africa*, *Contents accessible via EBSCO host™*].

Marine Biology / Biodiversity

- ADEBIYI, F.A. The sex ratio, gonadosomatic index, stages of gonadal development and fecundity of sompat grunt, *Pomadasy jubelini* (Cuvier, 1830)..... 41
- AFSHAN, K., BEG, M.A., AHMAD, I., AHMAD, M.M. AND QAYYUM, M. Freshwater snail fauna of Pothwar Region, Pakistan227
- WANG, Y-T., CHOU, L-S., LO, C. AND YANG, W-C. Rapid species identification of morphologically similar cetacean species *Kogia sima* and *K. breviceps* by high-resolution melt analysis (S.C.).....273
- HASAN, Z., AHMAD, I., YOUSUF, M., REHMAN, L. AND KHAN, J. Fish biodiversity of river Swat283

Parasitology

- SOYLU, E. Metazoan parasites of perch *Perca fluviatilis* L. from Lake Siğircı, Ipsala, Turkey 47

Livestock Management

- NASRULLAH, MUHAMMAD ABDULLAH, M., BABER, M.E., JABBAR, M.A. AND BAHTTI, J.A. Feeding behavior, voluntary intake and digestibility of various summer fodders in sheep and goats 53
- NASRULLAH, ABDULLAH, M., BABER, M.E., JABBAR, M.A., JAVED, K. AND NASIR, M. Performance of beetal goats and lohi sheep under different feeding management systems107

Wildlife

- YU, T. AND GUO, Y. Effects of urbanization on bird species richness and community composition 59
- ALMANSOUR, M.I. AND JARRAR. B.M. Occurrence and seasonal variation of the avifauna at Domate Al-Jandal Lake, Al-Jouf Province of Saudi Arabia 85
- KHAN, W.A. AND MIAN, A. Population biology of black francolin (*Francolinus francolinus*) with reference to Lal Suhanra National Park, Pakistan183

Pest and Pest Control

- AKMAL, M., FREED, S., MALIK, M.N. AND GUL, H.T. Efficacy of *Beauveria bassiana* (Deuteromycotina: Hypomycetes) against different aphid species under laboratory conditions 71

- USMAN, A., KHAN, I.A., INAYATULLAH, M., SALJOQI, A.U.R. AND SHAH, M. Appraisal of different tomato genotypes against tomato fruit worm (*Helicoverpa armigera* Hub.) infestation113
- AHMED, A.M. *Bacillus thuringiensis* induces cellular stress in the mosquito vector, *Culex pipiens*, prior to death129
- ARSHAD, M.J., FREED, S., AKBAR, S., AKMAL, M. AND GUL, H.T. Nitrogen fertilizer application in maize and its impact on the development of *Chilo partellus* (Lepidoptera: Pyralidae).....141
- HAMEED, A., SALEEM, M., AHMAD, S., AZIZ, M.I. AND KARAR, H. Influence of prey consumption on life parameters and predatory potential of *Chrysoperla carnea* against cotton mealy bug177
- SAEED, Q., ZAKA, M., SAEED, S. AND BAKHTAWAR, M. Lucerne as trap crop in wheat for development of predators population against wheat aphids (Aphididae: Homoptera)193
- JAVED, H., IQBAL, J. AND KHAN, T.M. Studies on population dynamics of insect pest of safflower, *Carthamus tinctorius* L. ..213
- AL-MEKHLAFI, F.A., TAHA, N.A., MASHALY, A.M.A. AND WADAAN, M.A. Larvicidal activity of selected xerophytic plants against *Culex pipiens* and *Aedes caspius* (Diptera: Culicidae)241

Biotechnology / Biochemistry / Environmental Biotechnology

- SHAH, S.N.H., SHAHZAD, Y., AKASH, M.S.H., ALI, M., BUKHARI, S.N.I. AND HASSAN, S.S. Rabbit skin and polydimethylsiloxane as model membranes to evaluate permeation kinetics from topical formulation159
- TARIQ, M.M., EYDURAN, E., RAFEEQ, M., WAHEED, A., AWAN, M.A., SHAFEE, M., RASHEED, N. AND MEHMOOD, K. Influence of slaughtering age on chemical composition of mengali sheep meat at Quetta, Pakistan235
- MUNEER, B., IQBAL, M.J., SHAKOORI, F.R. AND SHAKOORI, A.R. Tolerance and biosorption of mercury by microbial consortia: potential use in bioremediation of wastewater247
- SEIDAVI, A. Biochemical divergence of glucose, urea, uric acid, lactate dehydrogenase, total proteins and alpha amylase in six varieties of local silkworm (S.C.).....280

