

LIST OF PUBLICATIONS

- ❖ Effectiveness of Oxytetracycline and Tylosin Phosphate on Growth of Broiler Chicken. 2021. Pakistan Journal of Zoology. Syed Haseeb Ahmed Shah, Irfan Shahzad Sheikh, Abdul Samad, Muhammad Kamran Taj, Mohammad Masood Tariq, Majed Rafeeq, Sumaira Fazal, **Niamatullah Kakar**, Sabeera Afzal and Asadullah. 2021. PJZ pp 1-9.
- ❖ *In vivo* proteomics identifies the competence regulon and AliB oligopeptide transporter as pathogenic factors in pneumococcal meningitis. 2019. Frank Schmidt, **Niamatullah Kakar**, Tanja Meyer, Maren Depke, Ilias Masouris, Gerhard Burchhardt, Alejandro Gómez-Mejia, Vishnu Dhople, Leiv Sigve Håvarstein, Zhi Sun, Robert L. Moritz, Uwe Völker, Uwe Koedel and Sven Hammerschmidt. 2019. PLoS Pathog 15(7): e1007987.
- ❖ Pneumococcal Metabolic Adaptation and Colonization Are Regulated by the Two-Component Regulatory System 08. Alejandro Gómez-Mejia, Gustavo Gámez, Stephanie Hirschmann, Viktor Kluger, Hermann Rath, Sebastian Böhm, Franziska Voss, **Niamatullah Kakar**, Lothar Petruschka, Uwe Völker, Reinhold Brückner, Ulrike Mäder, Sven Hammerschmidt. 2018. mSphere. Vol. 3(3), e00165-18.
- ❖ Study on Accuracy and Efficiency of Molecular Diagnostic Techniques used for Tuberculosis and Analysis of Associated Risk Factors for Tuberculosis in Jail Inmates of Quetta, Pakistan. **Niamatullah Kakar**, Farhat Abbas, Muhammad Shafee and Tauseef Asmat. 2018. Pakistan J. Zool., vol. 50(4), pp 1461-1465.
- ❖ Prevalence of human immunodeficiency virus in the inmates of district Jail Quetta, Balochistan. **Niamatullah Kakar**, Tauseef Muhammad Asmat, Ferhat Abbas, Habib Ur-Rehman, Asmatullah Kakar, Kalimullah Khan and Farah Sabeen Bugti. 2017. Pure Appl. Biol., 6(1): 164-170.
- ❖ Thrombocytopenia as a Diagnostic Marker for Identifying Patients with Malaria in Endemic Regions. 2014. **Niamatullah kakar**, Asmatullah, Habib Ur-Rehman, Zahid Mehmood, Ashif sajjad, Qudratullah, Mohammad Ashraf. International Journal of Advanced Research. Vol 2 (4), pp. 35-42.
- ❖ Hematological profile and risk factors associated with pulmonary tuberculosis patients in Quetta, Pakistan. 2014. Muhammad Shafee, Ferhat Abbas, Muhammad Ashraf, Mohammad Alam Mengal, **Niamatullah Kakar**, Zafar Ahmad, Fawad Ali. Pak J Med Sci. Vol. 30 (1).
- ❖ Assessment of Newer Commercial Serological (ICT) Test for the Diagnosis of Active Pulmonary Tuberculosis in TB Endemic Areas. 2014. **Niamatullah Kakar**, Asmatullah, Habib Ur Rehman, Mohammad Ashraf, Amanullah. IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS). Volume 9, Issue 2 Ver. II (Mar-Apr. 2014), PP 98-102.
- ❖ Seroprevalence and Risk Factors of Hepatitis B, C and Sexually Transmitted Treponema Pallidum Infections in Jail Inmates of Quetta, Balochistan. 2014. **Niamatullah Kakar**, Habibur Rehman, Ferhat Abbas, Asmatullah Kakar, Ihsanullah Kakar and Muhammad Ali Khan. Glo. Adv. Res. J. Med. Med. Sci. 2014. Vol. 3 (11) pp. 367-373
- ❖ Procedure Development for Identification of Histamine from Chicken Meat. Umar Bacha, Muhammad Nasir, Naveed Akbar, Yasir Allah Ditta, Muhammad Asif Ali, Javed

Muhammad, Abdul Wajid, Muhammad Aamir Iqbal, Asad Amjad, Ihsanullah Kakar, **Niamatullah**, Amna Ashraf Bajwa & Hina Ijaz. Nature Protocol Exchange 2013. doi:10.1038/protex.2013.099.

- ❖ Misdiagnosis of tuberculosis: Sputum culture is a useful diagnostic tool in Quetta, Pakistan. 2012. **Niamatullah Kakar**, Hazir Rahman, Muhammad Qasim, Kalimullah Khan, Mohammad Ashraf, Habib Ur Rehman, Sardar Ali, and Abdul Malik Tareen. African Journal of Microbiology Research Vol. 6(47), pp.7389-7391.
- ❖ Clinical Manifestations and Distribution of Cutaneous Leishmaniasis in Pakistan. 2011. Abaseen Khan Afghan, Masoom Kassi, Pashtoon Murtaza Kasi, Adil Ayub, **Niamatullah Kakar**, and Shah Muhammad Marri. Journal of Tropical Medicine Vol. 2011, Article ID 359145, 8 pages. doi:10.1155/2011/359145.
- ❖ Global impact of obesity and diabetes on the increase incidence and prevalence of end stage renal disease (ESRD): A systematic review. Asmatullah Kakar, **Niamatullah Kakar**, Anne-Claire Durand, Yosra Mouelhi and Stephanie Gentile. (Submitted in the "BMC Nephrology") Submission ID: BNEP-D-20-01237.
- ❖ The nutritional significance of selenium, cobalt and magnesium, and the effects of its deficiency on animal health. Habib ur Rehman, Mohammad Din, **Niamatullah Kakar** and Ahmad Khan Tareen 2020. Indo american journal of pharmaceutical sciences., 07(01), 201-212.
- ❖ Detrimental characteristics of climate change on livestock production and reproduction. Rehman Habib Ur, Kakar Asmat ullah, **Kakar Niamatullah**, Rehman Fazal ur, Khan Deedar Ahmed, Ahmed Sarfaraz Khan and Ahmed Shakeel. 2020. World Journal of Advanced Research and Reviews. 05(03), 114–123.
- ❖ Classification, Etiology, Similarities and Management of Diabetes Mellitus in Canine and Feline with respect to Humans. 2020 Habib-Ur-Rehman, **Niamatullah Kakar**, Asmatullah Kakar and Sanaullah Khan. 2020. International Journal of Creative and Innovative Research in All studies (IJCIRAS). 3 (2), 2581-5334.
- ❖ Zoonotic Brucellosis: Seroprevalence and different serological tests comparison in ovine and caprine population in district Quetta, Balochistan. 2020. Habib-Ur-Rehman, **Niamatullah Kakar**, and Asmatullah Kakar. 2020. World Journal of Biology Pharmacy and Health Sciences. 2 (3), 044-050.
- ❖ Nutraceutical Applications of Copper, Manganese and Zinc In Rumen Metabolism And Body Immune Processes. Habib-Ur-Rehman, Kaleemullah, Fazal ur Reman, Ali akbar, Munir Ahmad Khan, **Niamatullah Kakar**, Muhammad Zafar Ahmad, Asmatullah Kakar, Ihsanullah Kakar, Qudratullah, Mir Ahmad Kakar, Muhammad Ayub and Siraj Ahmad Kakar. 2018. Indo American journal of pharmaceutical sciences., 05 (01), 226-235.
- ❖ Study On Blood Biochemical-Theileriosis In Domestic Sheep In The District Quetta, Balochistan Pakistan. Habib-Ur-Rehman, **Niamatullah Kakar**, Asmatullah Kakar, Qudratullah and Kaleemullah Mandokhail. 2017. Annals of Veterinary and Animal Science., 4(3): 78-82

- ❖ Characterization of nitrogen metabolism of *Streptococcus pneumoniae* by isotopologue profiling. **Niamatullah Kakar**, Gerhard Burchhardt, Ina Häuslein, Wolfgang Eisenreich and Sven Hammerschmidt (*Manuscript in Preparation*).
- ❖ Structural and Functional Characterization of Putative Peptidase ArcT in *Streptococcus pneumoniae*. **Niamatullah Kakar**, Gerhard Burchhardt, Annett Mikolasch and Sven Hammerschmidt. (*Manuscript in Preparation*).
- ❖ The redox-sensing protein Rex, a transcriptional regulator of glycolytic enzymes in *Streptococcus pneumoniae*. Schulz C., P. Gierok, L. Seifert, **Niamatullah Kakar**, A. Müller, L. Petruschka, M. Lalk, S. Hammerschmidt (*Manuscript in Preparation*).
- ❖ Use of antibiotics in diet: Tylosin phosphate and Oxytetracycline di-hydrate shows synergistic effect on the blood physiology and liver function of broiler chickens. Irfan Shahzad Sheikh, Syed Haseeb Shah, **Niamatullah Kakar**, Muhammad Rizwan Yousuf, Muhammad Essa Kakar, Muhammad Zahid Mustafa (*Submitted*)