

NUBRI Publications

2020

2019

1. Mohamed, S.B., Hassan, M.M Munir, A., Kam., Munir, K.A., Abdalla, N.I., Adlan, T.A. and Babiker, A.K., 2019. Re-annotation for Hypothetical Protein CA803_03125 of Methicillin-Resistant *Staphylococcus aureus* Strain SO-1977 Isolated from Sudan. *Bioinformation*, 15(3), p.160
2. Ali, M.S., Isa, N.M., Abedelrhman, F.M., Alyas, T.B., Mohammed, S.E., Ahmed, A.E., Ahmed, Z.S., Lau, N.S., Garbi, M.I., Amirul, A.A.A. and Seed, A.O., 2019. Genomic Analysis of Methicillin-resistant *Staphylococcus aureus* Strain SO-1977 from Sudan. *BMC Microbiology*, 19(1), p.126
3. Mohamed, S.B., Adlan, T.A., Khalafalla, N.A., Abdalla, N.I., Ali, Z.S., Munir KA, A., Hassan, M.M. and Elnour, M.A.B., 2019. Proteomics and Docking Study Targeting Penicillin-Binding Protein and Penicillin-Binding Protein2a of Methicillin-Resistant *Staphylococcus aureus* Strain SO-1977 Isolated from Sudan. *Evolutionary Bioinformatics*, 15, p.1176934319864945.
4. Mustafa, M., Fathy, F., Mirghani, A., Mohamed, M.A., Muneer, M.S., Ahmed, A.E., Ali, M.S., Omer, R.A., Siddig, E.E., Mohamed, N.S. and Elkareem, A.M.A., 2019. Prevalence and Risk Factors Profile of Seropositive *Toxoplasmosis gondii* Infection among Apparently Immunocompetent Sudanese Women. *BMC Research Notes*, 12(1), p.279
5. Eltaher, S.M., Idris, A.B., Mahmoud, A.H., Yousif, M.Y.M., Mohamed, N.S., Hamid, M.M.A., Elsiddig, K.E., Yousif, G.M. and Hassan, M.A., 2019. Genetic Analysis of TP53 Gene Mutations in Exon 4 and Exon 8 among Esophageal Cancer Patients in Sudan. *BioRxiv*, p.572214
6. Mohamed, S.B., Kambal, S., Munir, A., Abdalla, N., Hassan, M., Hamad, A., Mohammed, S., Ahmed, F., Hamid, O., Ismail, A. and Allam, M., 2019. First Whole-Genome Sequence of a Highly Resistant *Klebsiella pneumoniae* Sequence Type 14 Strain Isolated from Sudan. *Microbiology Resource Announcements*, 8(32), pp. e00552-19
7. Mohamed, S.B., Hassan, M bal, S., Abdalla, N.I., Hamad, A., Mohammed, S., Ahmed, F., Hamid, O., Ismail, A. and Allam, M., 2019. Whole-Genome Sequence of *Acinetobacter*

baumannii Strain NUBRI-A, Isolated from a Hospitalized Patient in Khartoum, Sudan. Microbiology Resource Announcements, 8(32), pp. e00542-19

8. Elgoraish, A.G., Elzaki, S.E.G., Ahmed, R.T., Ahmed, A.I., Fadlalmula, H.A., Abdalgader Mohamed, S., Abdallah, N.I., Abdelgadir, O., Ageep, T.B. and El-Sayed, B.B., 2019. Epidemiology and Distribution of *Plasmodium vivax* Malaria in Sudan. Transactions of the Royal Society of Tropical Medicine and Hygiene
9. Koua, F.H.M., 2019. Structural Changes in the Acceptor Site of Photosystem II Upon Ca²⁺/Sr²⁺ Exchange in the Mn₄CaO₅ Cluster Site and the Possible Long-Range Interactions
10. Mohamed, N.S., Osman, H.A., Muneer, M.S., Samy, A.M., Ahmed, A., Mohammed, A.O., Siddig, E.E., Hamid, M.M.A., Ali, M.S., Omer, R.A. and Elaagip, A.H., 2019. Identifying *Asymptomatic Leishmania* Infections in Non-endemic Villages in Gedaref State, Sudan. BMC Research Notes, 12(1), p.566.
11. Mohamed, S.B., Kambal, S., Munir, A., Abdalla, N.I., Hamad, A., Mohammed, S.E., Ahmed, F.E., Hamid, O., Hassan, M.M., Ismail, A. and Allam, M., 2019. Whole-Genome Sequence of High-Risk Clone Sequence Type 111 of *Pseudomonas aeruginosa* Strain NUBRI-P, Isolated from a Wounded Sudanese Patient. Microbiology Resource Announcements, 8(40), pp.e00879-19.
12. Elhassan, A.K.B., Suleiman, A.M., El Dawi, N.I.A. and Mohamed, S.B., 2019. Detection of Micro-invasion in Sudanese Oral *Verrucous Carcinoma* Samples Using Syndecan-1 Stain. Biomarkers in Cancer, 11, p.1179299X19861957.

2018

1. Laurimäe, T., Kinkar, L., Moks, E., Romig, T., Omer, R.A., Casulli, A., Umhang, G., Bagrade, G., Irshadullah, M., Sharbatkhori, M. and Mirhendi, H., 2018. Molecular phylogeny based on six nuclear genes suggests that *Echinococcus granulosus* genotypes G6/G7 and G8/G10 can be regarded as two distinct species. Parasitology, 145(14), pp.1929-1937.
2. Omer, R.A., Dauschies, A., Gawlowska, S., Elnahas, A., Kern, P., Bashir, S., Ali, M.S.A., Osman, A. and Romig, T., 2018. First detection of *Echinococcus granulosus sensu stricto* (G1) in dogs in central Sudan. Parasitology research, 117(5), pp.1657-1661.
3. Ali, E.T., Fadul, T.M., Nasr, M.A., Siddig, E.E., Mohamed N.S., and Edris, A.M.M., (2018). Comparison between Immunohistochemical Marker and Conventional

Histochemical Stains in Detecting *Helicobacter pylori*. *ECMICROBIOLOGY* 14.8, pp.430-437.

4. Osman. R. M., Eisa. N. S., A Nasr. A., Ali. O. OS., Edwar. E S., and Mohamed N S (2018). Prevalence of *Schistosoma haematobium* among School Children in Al-LamabBaharAbiad Area, Khartoum State, Sudan 2017: A Cross Sectional Study. *ECMICROBIOLOGY*. 14. 8(2018)454-459.
5. Mohamed. N. S., Albsheer. M. M. A., Abdelbag. H., Siddig E. E., Mohamed. M. A., Muneer. M. SE.andElbasheir. M. M. (2018). A Comprehensive Analysis on the Genetic Diversity of *Plasmodium Falciparum* MSP-1 Field Isolated from Different Regions in Sudan. A Cross-Sectional Study. *ECMICROBIOLOGY*. 14(9): 619-630.
6. Osman, R., Eisa, N., Nasr, A., Ali, O., Siddig, E., and Saad, N., 2018. Prevalence of *Schistosoma haematobium* among School Children in Al-LamabBaharAbiad Area, Khartoum State, Sudan 2017: A Cross Sectional Study. *EC Microbiology*, 14, pp. 454-459.
7. Mohamed, N.S., Siddig, E.E., Mohamed, M.A., Alzein, B.A., Osman, H.H.S., Tanyous, E.E., Elamin, B.K. and Edris, A.M.M., 2018. Enteroparasitosis infections among renal transplant recipients in Khartoum state, Sudan 2012–2013. *BMC research notes*, 11(1), p.621.
8. Mohamed. W. S. A., Yasin. K., Mohamed. N., Hamid. M. M. A. (2018). Cross Sectional Study to Determine Chloroquine, Resistance among *Plasmodium falciparum* Clinical Isolates from Khartoum, Sudan. *F1000 Research* 7:208 (doi: 10.12 688/ f1000 .13272.1).
9. Elnazeer, A.M., Elssir, A., Omer, R.A., Mustafa, M. and Elmalik, K.H., 2018. DNA Extraction and PCR Detection of *G. Lamblia* Cyst from Human Fecal Samples in Some Sudanese Suspected Patients. *American Journal of Zoology* 2018; 1(1): 24-27 (doi: 10.11648/j.ajz.20180101.15)
10. Mohamed, S.B., Alagib, A., AbdElkareim, T.B., Hassan, M.M., Johnson, W.C., Hussein, H.E.,Taus, N.S. And Ueti, M.W., 2018. Molecular detection and characterization of *Theileria* spp. infecting cattle in Sennar State, Sudan. *Parasitology research*, 117(4), pp.1271-1276

2017

1. Mohmoud, N.A., Mohammed, E.I., Elshafei, S.O., Elsadig, A.H., Omer, R.A. and Mohamed, S.B. 2017. Bioinformatics Analysis of Single Nucleotide Polymorphism in Multiple Drug Resistance Protein 1 (ABCB1) and Multi-Drug Resistance-Associated Protein 1 (ABCC1) in *Bos Taurus*. *American Journal of Bioinformatics Research*, 7(1):9-24.

2. Ibrahim, E.I.M., Omer, R.A., Elsadig, A.H., Elkhatim, M.S. and Mohamed, S.B. 2017. In Silico Analysis of the Structural and Biomchemical Features of the Granulocyte-Macrophage Colony Stimulating Factor (GM-CSF), Interleukin-3 (IL-3) and Interleukin-5 (IL-5) Receptors Subunit a. American Journal of Bioinformatics Research, 7(1):25-47.
3. Mohamed, S.B., Ali, M.S., Alamir, F.M., Alyas, T.B., Ahmed, A.E., Seed, A.O. and Omer, R.A. 2017. First Complete Genome Sequence of Methicillin- Resistant Staphylococcus aureus Strain SO-1977 Isolated from Khartoum, Sudan. GenomeAnnounc5:e00945-17

2016

1. Nahla E. Abdelraheem, Ghada M. El-Tayeb, Lamia O. Osman, Samar A. Abedlrhman, Aisha S. Ali4, Ahmed H. Elsadig5, Sofia B. Mohamed. A Comprehensive in Silico Analysis of the Functional and Structural Impact of Non-Synonymous Single Nucleotide Polymorphisms in the Human KRAS Gene. American Journal of Bioinformatics Research. 2016. 6(2): 32-55.