

## **DR. CHIKA EJIKEUGWU'S JOURNAL PUBLICATIONS (PEER - REVIEWED)**

### **2023**

1. Ugwu MC, Demola OT, Ugwu CB, **Ejikeugwu CP** (2023). Perceptions and Practices of Antimicrobial Stewardship among Community Pharmacists in Abuja, Nigeria. *Arch Clin Microbio*, Vol. 14 No. 1:226. <http://www.imedpub.com>
2. Euslar Nnenna Onu, Emmanuel Mbah Onu, **C. Ejikeugwu**, Cornelius Ituma Azi, Jude Ugwu and Ogbonnaya Ogbu (2023). Seroprevalence and Molecular Investigation of Human Papillomavirus (HPV) Type-16 in HIV Positive Women in Abakaliki, Nigeria. *International Journal of Virology*, 19: 1-5. <https://doi.org/10.3923/ijv.2023.1.5>
3. Chidinma Iroha, Malachy Ugwu, Ifeanyichukwu Iroha, Charles Esimone and **C. Ejikeugwu** (2023). Detection and Dissemination of mcr-1 Colistin Resistance Gene in a Hospital Setting in Abakaliki, Nigeria. *Journal of Medical Sciences*, 23(1):1-6. <https://doi.org/10.3923/jms.2023.1.6>

### **2022**

4. **Ejikeugwu C**, Obum-Nnadi C, Onu E, Adonu C, Ujam N, Iroha C, Nwakaeze E, Edeh C, Udu-Ibiam O, Afiukwa N, Ugwu M, Iroha I, Adikwu M (2022). Livestock and Poultry Environments as Non-Hospital Sources of Extended Spectrum Beta Lactamases (ESBLs) - and AmpC- Producers in Southeast Nigeria. *International Journal of Pharmaceutical and Phytopharmacological Research*, 12(5):1-7. <https://doi.org/10.51847/Wqp7ER4CHP>
5. **Ejikeugwu C**, Onele S, Okonkwo E, Onu E, Afiukwa N, Nwakaeze E, Udu-Ibiam O, Iroha C, Edeh C, Iroha I (2022). Antimicrobial drug resistance in strains of *Salmonella* isolated from pig effluents in Abakaliki, Nigeria. *Nigerian Journal of Microbiology*, 36(2):6229-6235. [www.nsmjournal.org.ng](http://www.nsmjournal.org.ng)
6. Chikaodili J. Nwokolo, Malachy C. Ugwu, **C.P Ejikeugwu**, Ifeanyichukwu R. Iroha, Charles O. Esimone (2022). Incidence, Antibiotic susceptibility and Extended Spectrum  $\beta$ -lactamase producing profile of Uropathogenic *E. coli* among HIV/AIDS patients in Awka Metropolis, Nigeria. *Iranian Journal of Microbiology*, 14(3):334-340. <http://ijm.tums.ac.ir>
7. Collins Onyebuchi Okeke Okafor, Ifeanyichukwu Romanus Iroha, Ibiam Ude Ude, Stanley Chukwudozie Onuoha, **C. Ejikeugwu**, Kenneth Ndidi Ovia, Blessing Osose Eromonsele, Victor Maduka Agah, Chimaobi Okoronkwo, Ifeoma Gabriel-Ibeh, Ikechukwu Okoroafor, Ogechi Blessing Nwachukwu (2022). Drug resistance profile of biofilm forming *Pseudomonas aeruginosa* isolated from aquatic environment in South Eastern Nigeria. *Environmental Challenges*, 8:100530. <https://doi.org/10.1016/j.envc.2022.100530>

### **2021**

8. **Ejikeugwu C**, Okoro Nworie, Morteza Saki, Hussein O.M. Al-Dahmoshi, Noor S.K. Al-Khafaji, Chika Ezeador, Emmanuel Nwakaeze, Peter Eze, Eniola Oni, Chidiebere Obi, Ifeanyichukwu Iroha, Charles Esimone, Michael U. Adikwu (2021). Detection of metallo- $\beta$ -lactamase and AmpC genes in *Escherichia coli*, *Klebsiella* species, and *Pseudomonas aeruginosa* isolates from abattoir and poultry origin in Nigeria. *BMC Microbiology*, 21(124):1-9. <https://doi.org/10.1186/s12866-021-02179-1>
9. Eze PM, Gao Y, Liu Y, Van Geelen LV, **Ejikeugwu CP**, Esimone CO, Okoye FBC, Proksch P, Kalscheuer R (2021). Secondary metabolites of a marine-derived *Penicillium ochrochloron*. *Notulae Scientia Biologicae*, 13(3):11020. <https://doi.org/10.15835/nsb13311020>

10. Enabulele EE, Platt RN, Adeyemi E, Agbosua E, Aisien MSO, Ajakaye OG, Ali MU, Amaechi EC, Atalabi T.E, Auta T, Awosolu OB, Dagona AG, Edo-Taiwo O, **Ejikeugwu CEP**, Igbeneghu C, Njom VS, Orji MKN, Oyinloye FOP, Ozemoka HJ, Ugah UI, Anderson TJC (2021). Urogenital schistosomiasis in Nigeria post receipt of the largest single praziquantel donation in Africa. *ACTA Tropica*, 219:105916. <https://doi.org/10.1016/j.actatropica.2021.105916>
11. Ezeador Chika Ogochukwu, Agbakoba Nneka Regina, Ushie Simon Nkpeh, Akuakolam Ikenna Macmagnus, Elemuo Grace, Ugochukwu Ikenna, **Ejikeugwu CP** (2021). Detection of ESBL, AmpC, and MBL-Producing *Chryseobacterium indologenes* Isolates Recovered from Hospital Environment in a Tertiary Health Care Facility. *American Journal of Infectious Diseases and Microbiology*, 9(4), 129-135. <https://doi.org/10.12691/ajidm-9-4-4>
12. Nnaji, J.O., I.B. Moses, **Ejikeugwu PC**, E.A. Nwakaeze, I. Ude-Ude and I.R. Iroha (2021). Antibiogram and molecular characterization of AmpC and ESBL-producing gram-negative bacteria from poultry and abattoir samples. *Pak. J. Biol. Sci.*, 24: 193-198. <https://doi.org/10.3923/pjbs.2021.193.198>
13. Egbuna N. Rose, Nonye T. Ujam, Nchekwube K. Eze, Uchenna U. Okafor, Isaiah C. Abonyi, Ede A. Okorie, **Ejikeugwu CP**, Peter M. Eze, Charles O. Esimone (2021). Proliferation of Multidrug-Resistant Bacteria in Some Orally Administered Herbal Preparations Sold in South-Eastern Nigeria. *Journal of Current Biomedical Research*, 1-10. <https://journals.unizik.edu.ng/index.php/jcbr>
14. Joy Ogugua Igwe, Harrison Odera Abone, Moses Chukwuemeka Ezea, **Ejikeugwu CP** and Charles Okechukwu Esimone (2021). Acute and chronic toxicity evaluation of methanol leaf extract of *Psidium guajava* (Myrtaceae). *GSC Biological and Pharmaceutical Sciences*, 16(03), 120–128. <https://doi.org/10.30574/gscbps.2021.16.3.0270>

## **2020**

15. **Ejikeugwu C**, Hasson S.O, Al-Mosawi R.M, Alkhudhairy M.K, Saki M, Ezeador C, Eze P, Ugwu M, Duru C, Ujam N.T, Edeh C, Udu-Ibiam O, Iroha I, Adikwu M (2020). Occurrence of FOX-1 AmpC Gene among *Pseudomonas aeruginosa* isolates in abattoir samples from south-eastern Nigeria. *Reviews in Medical Microbiology*, 31(2):99-103. <https://doi.org/10.1097/MRM.0000000000000201>
16. **Ejikeugwu C.**, Obi C., Oluyemisi OE., Ujam NT., Blessing U., Edeh C., Nwezeagu F., Iroha I (2020). Susceptibility profile and multiple antibiotics resistance indexes (MARI) of clinical isolates of *Staphylococcus aureus* from urinary tract infections (UTIs). *Journal of Bacteriology and Mycology*, 7(3):1134. [www.austinpublishinggroup.com](http://www.austinpublishinggroup.com)
17. C.O. Ezeador, **Ejikeugwu PC**, S. N, Ushie and N.R. Agbakoba (2020). Isolation, identification and prevalence of *Pseudomonas aeruginosa* isolates from clinical and environmental sources in Onitsha metropolis, Anambra state. *European Journal of Medical and Health Sciences*, 2(2):1-5. <http://dx.doi.org/10.24018/ejmed.2020.2.2.188>
18. Nonye T. Ujam, Peter M. Eze, **Ejikeugwu C**, Festus B. C. Okoye, Charles O. Esimone (2020). Antimicrobial Activity of Metabolites of *Lasiodiplodia theobromae* isolated from *Psidium guajava*. *International Journal of Innovative Science, Engineering & Technology*, 7(2):123-129. [www.ijiset.com](http://www.ijiset.com)
19. Gloria C. Ifiora, Chidimma R. Chukwunwejim, **Ejikeugwu CP**, Roselyn N. Egbuna, Francis C. Ifiora, Isaiah Abonyi, Peter M. Eze, Auwalu H. Arzai, Muhammad D. Mukhtar (2020). Prevalence of *Enterobacteriaceae* among food handlers in Wudil LGA, Kano state, Nigeria. *Micro Medicine*, 8(1):22-27. <http://dx.doi.org/10.5281/zenodo.3813342>

20. Euslar Onu, Okoro Nworie, Ogbonnaya Ogbu, **Ejikeugwu C**, Maduka Agah, Uchenna Ekuma, Emmanuel Onu, Ifeanyichukwu Iroha (2020). Seroprevalence and Co-Infection of Human Papillomavirus (HPV) genotypes among HIV Positives. *American Journal of Infectious Diseases*, 16(1):27-35. <https://doi.org/10.3844/ajidsp.2020.27.35>
21. Ujam NT, Abba CC, Eze PM, Oli AN, **Ejikeugwu CE**, Ugwu MC, Okoye FBC and Esimone CO. (2020). The isolation, identification and antimicrobial activities of endophytic fungi from *Azadirachta indica*. *GSC Biological and Pharmaceutical Sciences*, 11(3), 115-124. <https://doi.org/10.30574/gscbps.2020.11.3.0171>
22. Malachy C Ugwu, Lynda U. Ndunagu, **C.P. Ejikeugwu**, Charles O. Esimone (2020). First phenotypic and molecular characterization of clinical isolates of drug resistant *Providencia rettgeri* in Imo state, South-Eastern Nigeria. *Asian Journal of Biomedical and Pharmaceutical Sciences*, 10(70):1-5. <https://www.jbiopharm.com/>

## 2019

23. **Ejikeugwu C**, Morteza Saki, Emmanuel Nwakaeze, Peter Eze, Orinya Chinedu, Duru Carissa, Chijioke Edeh, Charles Esimone, Ifeanyichukwu Iroha, Michael Adikwu (2019). Characterization of *bla*<sub>IMP-1</sub> MBL genes among *Klebsiella* species from abattoir samples by multiplex PCR. *Gene Reports*, 16:100428. <https://doi.org/10.1016/j.genrep.2019.100428>
24. **Ejikeugwu C**, Chika Ezeador, Blessing Okereke, Nkemdilim Eze, Happiness Abani, Chijioke Edeh (2019). Preliminary antibiogram studies and phenotypic detection of metallo- $\beta$ -lactamase (MBL) in *Klebsiella* species and *P. aeruginosa* from a non-hospital milieu. *Canadian Journal of Biomedical Research & Technology*, 1(3):1-6. <https://biomedress.com/>
25. **Ejikeugwu C**, Malachy Ugwu, Gerald C. Nwoke, Chijioke Edeh, Felix Nwezeagu, Peter Eze (2019). Constitutive-Clindamycin Resistant *Staphylococcus aureus* Isolates of nosocomial origin. *Biomedicine and Nursing*, 5(3):48-52. <https://doi.org/10.7537/marsbnj050319.06>
26. Dominic O. Abonyi, Peter M. Eze, Chika C. Abba, Chidimma R. Chukwunwejim, **Ejikeugwu CP**, Festus B.C. Okoye and Charles O. Esimone (2019). Metabolites of endophytic *Colletotrichum gloeosporioides* isolated from leaves of *Carica papaya*. *American Journal of Essential Oils and Natural Products*, 7(1):39-46. [www.essencejournal.com](http://www.essencejournal.com)
27. Malachy Ugwu, Chinedu Omanukwue, Collins Chimezie, Ugochukwu Okezie, **Ejikeugwu CP**, Ezinne Nnabuife-Iloh, Charles O. Esimone (2019). Poultry farm and poultry Products as Sources of Multiple Antimicrobial-Resistant *Salmonella* and *S. aureus*. *Journal of Tropical Diseases*, 7:308. <http://dx.doi.org/10.21477/ijapsr.v1i2.10178>
28. Iroha IR, Onyia U, Moses IB, **Ejikeugwu CP**, Nwakaeze AE, Ugbo EN (2019). Prevalence and antibiotic resistance profiles of extended spectrum  $\beta$ -lactamase-producing *Escherichia coli* among paediatric patients with urinary tract infection in St. Patrick's Hospital, Mile Four, Abakaliki, Ebonyi State, Nigeria. *Afr. J. Clin. Exper. Microbiol*, 20(4):332-336. <https://dx.doi.org/10.4314/ajcem.v20i4.9>
29. Angus N. Oli, Vitalis I. Ogbuagu, **Ejikeugwu CP**, Ifeanyichukwu R. Iroha, Malachy C. Ugwu, Chijioke M. Ofomata, Kenneth N. Okeke, George O. Emechebe, Jude C. Okoro, Chukwudi O. Okani and Stanley K. Onah (2019). Multi-Antibiotic Resistance and Factors Affecting Carriage of Extended Spectrum  $\beta$ -Lactamase-Producing *Enterobacteriaceae* in Pediatric Population of Enugu Metropolis, Nigeria. *Med. Sci*, 7:104. <https://doi.org/10.3390/medsci7110104>
30. Ugwu MC, Nnoli A, Ezejiegu CK, Jibuaku C, Ogwaluonye UC, **Ejikeugwu CP**, Okolie PD (2019). Prevalence and Antibiogram of Asymptomatic Bacteriuria among University

Students in Agulu, Anambra, Nigeria. *Annals of Clinical Immunology and Microbiology*, 1(2):1009. [www.remedypublications.com](http://www.remedypublications.com)

## 2018

31. **Ejikeugwu C**, Esimone Charles, Iroha Ifeanyichukwu, Adikwu Michael (2018). Detection of FOX-1 AmpC $\beta$ -lactamase gene among *Klebsiella pneumoniae* isolated from abattoir samples. *Sudan Medical Journal*, 54(2):121-128. <https://www.ajol.info/index.php/ssmj>
32. **Ejikeugwu C**, Peter Eze, Ifeanyichukwu Iroha, Charles Esimone, Michael Adikwu, Hirofumi AKARI (2018). Understanding the Facts and Minding the Gap of (HIV-1/HIV-2) Primate Research and Infectious Disease Laboratories in Africa. *Int J Virol AIDS*, 5:046. <https://doi.org/10.23937/2469-567X/1510046>
33. **Ejikeugwu C**, Esimone Charles, Iroha Ifeanyichukwu, Adikwu Michael (2018). First Detection of FOX-1 AmpC $\beta$ -lactamase gene expression among *Escherichia coli* isolated from abattoir samples in Abakaliki, Nigeria. *Oman Medical Journal*, 33(3):243-249. <https://doi.org/10.5001/omj.2018.44>
34. **Ejikeugwu C.**, Nworie O., Agah M.V., Oguejiofor B., Ovia K., Nworie C.O, Iwunze A.C., Nwambeke A., Edeh C. (2018). Bacteriological and antibiogram of AmpC producing *Enterobacteriaceae* isolated from abattoir. *Microbiology Current Research*, 2(1):21-25. <http://www.alliedacademies.org/microbiology-current-research/>
35. **Ejikeugwu C**, Afiukwa N, Nwuzo A, Kenneth O, Adonu C, Ujam T, Nworie C, Emmanuel N.A, Nwankwo C, Onwuenwunor B.O (2018). Phenotypic detection of metallo- $\beta$ -lactamase (MBL) and AmpC enzymes among abattoir isolates of *Escherichia coli* and *Klebsiella* species in Abakaliki, Nigeria. *Trends in Medicine*, 18:1-4. <https://doi.org/10.15761/TiM.1000124>
36. **Ejikeugwu C**, Nwezeagu Felix Joseph, Edeh Chijioke, Eze Peter (2018). Detection of constitutive- and inducible-clindamycin-resistance in clinical isolates of *Staphylococcus aureus* from a Federal Teaching Hospital in Abakaliki, Nigeria. *Journal of Bacteriology and Infectious Diseases*, 2(1):31-34. <http://www.alliedacademies.org/journal-bacteriology-infectious-diseases/>
37. **Ejikeugwu C**, Duru Carissa, Oguejiofor Benigna, Eze Peter, Okereke Blessing, Eze Nkemdilim, Abani Happiness, Edeh Chijioke (2018). Bacteriological investigation of antibiogram, multiple antibiotic resistance index and detection of metallo- $\beta$ -lactamase (MBL) in *Klebsiella* species and *Pseudomonas aeruginosa* of abattoir origin. *Clinical Biotechnology and Microbiology*, 2(3):355-360. <https://scientiaricerca.com/>
38. **Ejikeugwu C**, Charles Esimone, Ifeanyichukwu Iroha, Peter Eze, Malachy Ugwu, Michael Adikwu (2018). Genotypic and Phenotypic characterization of MBL genes in *Pseudomonas aeruginosa* isolates from the non-hospital environment. *Journal of Pure and Applied Microbiology (JPAM)*, 12(4):1877-1885. <http://dx.doi.org/10.22207/JPAM.12.4.23>
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41. Okonkwo E.C., Orji J.O., Nworie O., **Ejikeugwu PC** (2018). Frequency and antibiogram of urinary isolates of *Klebsiella pneumoniae* isolated from urine samples of apparently

- healthy school children. *SciFed Journal of Applied Microbiology*, 1(1):1-6. <https://www.scientificfederation.org>
42. Chidimma R. Chukwunwejim, Peter M. Eze, Nonye T. Ujam, Isaiah C. Abonyi, **Ejikeugwu CP**, Dominic O. Abonyi and Charles O. Esimone (2018). Incidence of community acquired ESBL-producing bacteria among asymptomatic university students in Anambra state, Nigeria. *European Journal of Biological Research*, 8(3):138-147. <http://dx.doi.org/10.5281/zenodo.1314719>
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  44. Ovia Kenneth, Beatrice Ugbo, Iroha Ifeanyichukwu and **Ejikeugwu C** (2018). Extended spectrum  $\beta$ -lactamase (ESBL) expression in *Escherichia coli* isolates from anal swabs of donkeys in a local donkey abattoir in Abakaliki, Nigeria. *Acta Scientific Microbiology*, 1(8):2-6. [www.actascientific.com](http://www.actascientific.com)
  45. UU Okafor, MC Ugwu, CS Nworu, BC Ugwu, **Ejikeugwu CP**, EC Nwanegbo, CO Esimone (2018). Evaluation of the Efficacy and Safety of Hepatitis B Vaccines Sold in Open Markets in South Eastern Nigeria. *SOJ Immunol*, 5(3):1-8. [www.symbiosisonlinepublishing.com](http://www.symbiosisonlinepublishing.com)
  46. Afiukwa Ngozi, Nwuzo Agabus, Okonkwo Eucharica, Udu-Ibiam Onyinyechi, Emioye Abraham, **Ejikeugwu C**, Irohah feanyichukwu (2018). A three-year study on the prevalence and antibiotic susceptibility pattern of *Escherichia coli* isolated from cloacal swabs of wild and domestic birds in Ebonyi state, Nigeria. *EC Microbiology*, 14(5):266-273. <https://www.econicon.org>
  47. Iroha Chidinma, Iroha Ifeanyichukwu, Nwakaeze Emmanuel, Ajah Monique, **Ejikeugwu C** (2018). Evaluation of the metal content and bacteriological parameters of selected borehole water sources in Abakaliki, Nigeria. *International Journal of Waste Resources*, 8(2):1-4. <https://doi.org/10.4172/2252-5211.1000338>
  48. Malachy C Ugwu, Joy Ogechi Igbokwe, Ugochukwu Okezie, Peter Mmaduabuchi Eze, **Ejikeugwu CP** and Charles Okey Esimone (2018). Prevalence of ESBLs and MBLs among *Escherichia coli* and *Klebsiella pneumoniae* Isolates from a Nigerian Abattoir. *J Trop Dis*, 6:261. <https://doi.org/10.4172/2329-891X.1000261>

## 2017

49. **Ejikeugwu C**, Eze Peter, Okonkwo Eucharica, Ezeador Chika, Kenneth Ovia, Iroha Ifeanyichukwu and Esimone Charles (2017). Plasmid Curing, Beta-Lactamase Production, Antibiogram and Metallo- $\beta$ -lactamase (MBL) Detection in *Escherichia coli* and *Klebsiella* Species from Non-Hospital Sources of Abattoir and Poultry. *Global Veterinaria*, 19(3):555-561. <https://doi.org/10.5829/idosi.gv.2017.555.561>
50. **Ejikeugwu C**, Esimone Charles, Iroha Ifeanyichukwu, Okonkwo Eucharica C., Gugu Thaddeus, Oli Angus N, Ugwu Malachy, Ezeador Chika, Moses N. Ikegbunam (2017). Detection of metallo- $\beta$ -lactamase (MBL) among carbapenem-resistant Gram-negative bacteria from rectal swabs of cow and cloacae swabs of poultry birds. *Annals of Medical and Health Sciences Research*, 7:51-56. <https://www.amhsr.org/articles/detection-of-metallolactamase-mbl-among-carbapenemresistant-gramnegative-bacteria-from-rectal-swabs-of-cow-and-cloacae-swabs-of-po-3820.html>
51. **Ejikeugwu C**, Esimone Charles, Iroha Ifeanyichukwu, Igwe David Okeh, Ugwu Malachy, Ezeador Chika, Duru Carissa, Adikwu Michael (2017). Molecular Identification of MBL



- Genes *bla*IMP-1 and *bla*VIM-1 in *Escherichia coli* Strains Isolated from Abattoir by Multiplex PCR Technique. *Research Journal of Microbiology*, 12: 266-273. <https://doi.org/10.3923/jm.2017.266.273>
52. **Ejikeugwu C**, Iroha I, Amaechi C.O., Ugwu M, Eze P, Iroha C.S., Ogene L, Orinya C (2017). Multiple Antibiotic Resistance, Antibiogram and Phenotypic Detection of Metallo-Beta-Lactamase (MBL) from *Escherichia coli* of Poultry Origin. *Journal of Applied Microbiology and Biochemistry*, 1(4):1-6. <http://www.imedpub.com/applied-microbiology-and-biochemistry>
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  54. **Ejikeugwu C**, Duru Carissa, Eluu Stanley, Oguejiofor Benigna, Ezeador Chika, Ogene Lilian, Iroha Ifeanyichukwu (2017). Isolation and Phenotypic Detection of Metallo-Beta-Lactamase (MBL)-Producing *Klebsiella* species from Cow Anal Swabs. *Global Journal of Pharmacy and Pharmaceutical Sciences*, 2(3):1-5. <https://juniperpublishers.com/>
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  58. Ezeador O. Chika, Agbakoba R. Nneka, Ogude N. Dorothy and **Ejikeugwu C** (2017). Multi-Drug Resistant *Pseudomonas aeruginosa* Isolated from Hospitals in Onitsha, South-Eastern Nigeria. *International Archives of BioMedical and Clinical Research*, 3(3):22-26. <https://doi.org/10.21276/iabcr.2017.3.3.7>
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  60. Ugwu Emmanuel, Iroha Ifeanyichukwu, **Ejikeugwu C**, Onochie Chike, Nwachi Chinyere (2017). Isolation and characterization of bacteria and fungi associated with biodegradation of municipal solid wastes in Abakaliki metropolis, Nigeria. *International Journal of Environment, Agriculture and Biotechnology (IJEAB)*, 2(3):1294-1304. <http://dx.doi.org/10.22161/ijeab/2.3.35>
  61. Orji Ikechukwu, Iroha Ifeanyichukwu, **Ejikeugwu C**, Eze Ukpai Agwu, Ogbu Ogbonnaya (2017). Cockroaches (*Periplaneta americana*) as possible reservoirs of extended spectrum beta-lactamase (ESBL)-producing pathogenic bacteria. *International Journal of Research in Biosciences*, 6(3):41-49. <http://www.ijrbs.in>
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