

## Personal info

- (i) Name in full: ADELEYE Olushola Emmanuel
- (ii) Date of birth: October 31, 1972
- (iii) Place of Birth: Kaduna
- (iv) Sex: Male
- (v) Marital Status: Married
- (vi) Nationality: Nigerian
- (vii) Town and State of Origin: Ibara Orile, Ogun State

## Department

Veterinary Physiology and Biochemistry

## Email

adeleyeoe@funaab.edu.ng

## Phone no

+2348037551972

## Rank

Senior Lecturer

## Designation

## Researchgate address

<https://www.researchgate.net/profile/Olushola-Adeleye>

## Linkedin

[linkedin.com/in/olushola-emmanuel-adeleye-b9ab6926](https://www.linkedin.com/in/olushola-emmanuel-adeleye-b9ab6926)

Google scholar <https://scholar.google.com/citations?hl=en&user=c8vqQwgAAAAJ>

## ORCID

0000-0002-2767-5564

## Qualification

DVM, PhD

## Membership of professional bodies

- i. Member and ECR Sub-Committee Member - British Society for Neuroendocrinology,

United Kingdom

ii. Member and Society Representative for FUNAAB - The Physiological Society, United Kingdom

iii. Member - Association of Reproductive and Clinical Scientists, United Kingdom

iv. Member and Deputy Editor-in-Chief - Nigerian Veterinary Medical Association, Nigeria

Award received

(a) Physiological Society Travel Award to attend the Physiology 2023, 2023 Harrogate, England, United Kingdom.

(b) Tertiary Education Trust Fund (TETFUND) Academic Staff Training 2021 and Development (AST&D) Intervention scholarship (Post-Doctoral Research, Division of Women's Health, Faculty of Life Sciences & Medicine, King's College London).

(c) Physiological Society Travel Award to attend the Physiology 2019, 2019 Aberdeen, Scotland, United Kingdom.

(d) Physiological Society Travel Award to attend the Physiology 2015, 2015 Cardiff, Wales, United Kingdom.

(e) Tertiary Education Trust Fund (TETFUND) Academic Staff Training 2014 and Development (AST&D) Intervention scholarship (Part Ph.D. bench work, Division of Women's Health, Faculty of Life Sciences & Medicine, King's College London).

(f) Physiological Society Award to attend the Training workshop on 2012 "Introduction to Molecular Biology Techniques and Transfection and Functional Studies". Birkbeck College, University of London, United Kingdom.

(g) Physiological Society Travel Award to attend the Teaching Theme 2011 Workshop: Feedforward and Feedback in Physiology Training,

University of Birmingham, Birmingham, United Kingdom.

(h) IBRO-SfN-National Academy of Science USA, Award to attend the 2011 4th Teaching Tools School & Workshop in Neuroscience: Tools for Teaching Neuroscience, Cape Coast, Ghana.

Research conducted

(i) Completed

- a. Effect of *Psidium guajava* L. on some reproductive hormones in streptozotocin-induced diabetic male Wistar rats.
- b. Effect of ethanolic extract of *Psidium guajava* L. leaf on epidermal wound healing in streptozotocin-induced diabetic male Wistar rats (CVSN, Fellowship).
- c. Aqueous extract of *Allium cepa* L. scaly leaf ameliorates reproductive dysfunctions in sodium chloride-induced hypertensive male Wistar rats.
- d. Reproductive effects of *Psidium guajava* L. leaf extract in streptozotocin-induced diabetic male Wistar rats.
- e. Ameliorative effects of aqueous/ethanolic leaf extract of *Annona muricata* L. on reproductive dysfunctions in streptozotocin-induced diabetic male Wistar rats.
- f. Antidiabetic potential of *Annona muricata* (soursop) leaves methanolic extract in male streptozotocin-induced diabetic Wistar rats.
- g. Salt induced hypertension and its accompanying clinical signs in Wistar rats.
- h. Androgenic effects of *Allium cepa* peel extract in breeder Oba Marshal cocks.
- i. Blood pressure changes in *Trypanosoma brucei* infected Wistar albino rats.
- j. Haematological and reproductive hormonal profile of Muturu cattle reared in Southwestern Nigeria.
- k. High core body temperature and its effect on osmotic fragility of red blood cells in rats.
- l. An evaluation of the anaesthetic and toxicological potentials of *Rauwolfia vomitoria*. (IFSRERAR grant Reference number: UNAAB/IFSERAR/IRG)
- m. Evaluating the cardiotoxic potentials of the aqueous extract of *Hibiscus sabdariffa* in Wistar rats. (IFSRERAR grant Reference number: UNAAB/IFSERAR/IRG14)

n. Reproductive effects of aqueous extracts of *Cinnamomum verum* in male rats

o. Effect of salt-induced hypertension on the reproductive functions of male Wistar albino rat.

p. Cardiovascular response of rats to *Babesia* sp. infection.

q. Effect of angiotensin receptor antagonist on cardiovascular responses to oral salt loading in rabbits.

r. Oral microbial flora of dogs in Zaria, Kaduna State.

(ii) In progress

a. Optogenetic stimulation of MePD kisspeptin neurones blocks the LH surge in female mice.

b. Female sexual behavior, MePD GABA projections and the luteinizing hormone surge in mice.

c. High salt diet and its effect on luteinizing hormone pulsatility in intact male mice.

d. Streptozotocin-induced diabetes and its effect on luteinizing hormone pulsatility in intact male Wistar rats.

Conferences attended

(1) Adeleye, O. E., Ajala, T., Adekoya, O. A. and Adeleye, A. I., (2022): Effective dose regimen of STZ for STZ-induced diabetes in a rat model, Poster presentation at 58th Annual Congress Nigerian Veterinary Medical Association (NVMA). October 24 - 28, 2022, Ibadan, Oyo State, Nigeria.

(2) Adeleye, O. E., Aboajah, N. A., Adeleye, A. I., Sogebi, E. A. O., Adetomiwa, A. S. and Olukunle, J. O. (2019): Ethanolic leaf extract of *Annona muricata* Linn. ameliorates reproductive dysfunctions in streptozotocin-induced diabetic Wistar rats. Poster presentation at Physiology 2019, The Physiological Society. July 8 - 10, 2019 at Aberdeen Exhibition and Conference Centre, Aberdeen, United Kingdom.

(3) Adeleye O. E. and Raji Y. (2018): Aqueous extract of *Allium cepa* L. Peel ameliorates reproductive dysfunctions in salt-induced hypertensive male Wistar rats.

Poster presentation at Experimental Models in Physiology 2018, Physiological Society. June 3 - 6, 2018 at University of Exeter, Exeter, United Kingdom.

(4) Division of Neuroscience, Kings College London, Symposium 2018.

(5) Adeleye O. E., Oguntayo O. M., Adeleye A. I., Adetomiwa S. A., Ariyo O. E. (2016): Androgenic effect of aqueous extract of *Allium cepa* peels on the sperm parameters of Oba Marshall broiler cocks. Poster presentation at 6 th African Veterinary Association/53rd Annual Conference of Nigerian Veterinary Medical Association (NVMA). October 31 - November 4, 2016, Enugu State, Nigeria.

(6) Adeleye O. E., Akinlabi O. B., Adetomiwa A. S. and Adeleye A. I. (2015): Enhanced spermiogram in Cinnamon verum treated male alloxan – induced diabetic Wistar albino rats. Poster presentation at Physiology 2015, The Physiological Society. July 6-8, 2015, Motorpoint Arena, Cardiff, United Kingdom.

(7) Olukunle, J. O., Adenubi, O. T, Biobaku, K. T, Oyewusi, J. A., Adeleye O. E. & Arowolo, R. O. A. (2014). Anti-inflammatory and analgesic effects of methanol extract and fractions of *Acalypha wilkesiana* leave. Poster presented at the 62 nd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Guimaraes, Portugal, August 31 - September 1, 2014.

(8) Adesanya, A. O., Arowolo, O. O. Saba, A. B., Olukunle, J. O., Adeleye O. E. & Arowolo, R. O. A (2014). A survey of commonly used herbal drugs in veterinary practice in Southwest Nigeria. Poster presented at the 62 nd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Guimaraes, Portugal, August 31 - September 1, 2014.

(9) Adeleye O. E., Rahman S. A., Adeleye A. I., and Quadri J. T. (2013): Hematological and male reproductive hormonal profile of two cattle breeds reared in FUNAAB, Abeokuta. Oral presentation at 50th Annual Conference of Nigerian Veterinary Medical Association (NVMA). November 11 - 16, 2013, ECOWAS Center, Abuja, Nigeria.

(10) 2 nd Annual Conference and One-Health Exposition, Centre for Control and

Prevention of Zoonoses, University of Ibadan. Ibadan, Nigeria (June 30 – July 3, 2013).

(11) Nigerian Veterinary Medical Association 49th Annual Congress (Ekiti, 2012). 5 - 9 November 2012.

(12) Adeleye O. E., Famuyiwa S.O., Olukunle J. O. Adetomiwa A. S., and Adeleye A. I.

(2012): Enhanced spermiogram in salt induced hypertensive Wistar albino rats.

Poster presentation at 34th Annual Meeting of the British Andrology Society.

September 14 - 15, 2012 at Bradford, United Kingdom.

(13) Sogebi, E. A. O., Adeleye, O. E., Ogunbunmi, T. K. and Adeleye, A. I. (2011):

Analgesic and clinicophysiological effects of epidural bupivacaine in healthy dogs.

Oral presentation at 48th Annual Congress of Nigerian Veterinary Medical

Association (NVMA). November 21 - 25, 2011, Kwara Hotel, Ilorin, Kwara State,

Nigeria.

(14) 5th Pan Commonwealth Veterinary Conference, Accra, Ghana. 21 -25 March

2011.

(15) Adeleye, O. E., Adeleye, A. I., Abakpa, S. A. V. and Takeet, M. I. (2009):

Congenital Brachygnathia in a bullmastiff puppy: A Case Report. Oral presentations

at 46th Annual Congress Nigerian Veterinary Medical Association (NVMA). October

19-23, 2009, Awka, Anambra State, Nigeria.

(16) Adeleye, O. E., Adeleye, A. I. and Ajayi, O. L. (2009): Infectious Bursal Disease in

a flock of Black Nera pullets in Abeokuta: A Case Report. (2009): Oral presentations

at 46th Annual Congress Nigerian Veterinary Medical Association (NVMA). October

19 - 23, 2009 at Awka, Anambra State, Nigeria.

(17) Nigerian Veterinary Medical Association 45th Annual Congress (Owerri, 2008).

(18) Adeleye, O. E., Olukunle, J. O. and Makinde, A. F. (2007): Canine babesiosis: A

modified management regimen. Oral presentations at 44th Annual Congress

Nigerian Veterinary Medical Association (NVMA). October 21 - 26, 2009, Warri,

Delta State, Nigeria.

(19) Olukunle, J. O. and Adeleye, O. E. (2007): Effect of *Synedrella nodiflora* gaertn on the leucocytes of rats. Oral presentations at 44th Annual Congress Nigerian Veterinary Medical Association (NVMA). October 21 - 26, 2009 at Warri, Delta State, Nigeria.

#### Publications

##### (i) Thesis and Dissertation with dates

a. Adeleye, O. E. (2020). Aqueous extract of *Allium cepa* L. scaly leaf ameliorates reproductive dysfunctions in sodium chloride-induced hypertensive male Wistar rats.

Ph.D. Thesis, Department of Physiology, University of Ibadan: 214 pages

b. Adeleye, O. E. (2008). Effect of angiotensin receptor antagonist on cardiovascular responses to oral salt loading in rabbits. M.Sc. Dissertation, Department of

Physiology, University of Lagos: 75 pages

c. Adeleye O. E. (2003). The sensitivity profile of bacteria isolates from oral cavity of dogs in Zaria, Kaduna State. D.V.M. Final Project, Department of Veterinary Surgery and Medicine, Ahmadu Bello University, Zaria: 58 pages

##### (ii) Journal Articles in Print:

(1) Olaniyi, M. O., Thomas, F. C., Mshelbwala, F. M., Adebiyi, A. A., Oladipo, T. M., Adeleye, O. E., Ajayi, O. L., and Talabi, O. A., (2022): Comparative Biochemical Changes Induced by experimental infection of *Trypanosoma congolense* and *Trypanosoma brucei* in West African Dwarf (WAD) sheep. *Nigerian Veterinary Journal*. 43(3); 1-15, Published by the Nigerian Veterinary Medical Association, Nigeria.

(2) Adeleye, O. E., Enikuomhin, J. M., Ajibola, E. S., Adekoya, O. A., Adeleye, A. I., Oguntoye, C. O. (2022): Effects of *Psidium guajava* ethanolic leaf extract on epidermal wound healing in streptozotocin-induced diabetic male Wistar rats. *Alexandria Journal of Veterinary Science*. 75(1); 25-33, Published by Faculty of Veterinary Medicine, Alexandria University, Alexandria, Egypt. Available online at <https://www.alexjvs.com/?mno=67214>

(3) Ajibola E. S., Ojo O. E., Adeleye O. E., Thomas F. C., Olaleye O. D., Rahman S. A.

(2020): Pharmacokinetic evaluation of aqueous solution of enrofloxacin after single intramuscular injection in layers. *West African Journal of Pharmacology and Drug*

*Research*. 34(1) ; 1-6, Published by College of Medicine, University of Nigeria, Nsukka.

Available online at <https://www.ajol.info/index.php/wajpdr/issue/view/20245>

(4) Adeleye, O. E., Okoh, E. O., Adeleye, A. I., Mshelbwala, F. M., Adetomiwa, A. S., Apantaku, J. T., Aboajah, N. A., Durotoye, L. A., Olukunle, J. O. (2020): Ameliorative effects of *Allium cepa* Linn. scaly leaves extract on reproductive dysfunctions in streptozotocin-induced diabetic Wistar rats. *Journal of Istanbul Veterinary Sciences*. 4 (3); 136-144, Published by The Chamber of Veterinary Surgeons, Istanbul. Available online at <https://doi.org/10.30704/httpwww-jivs-net.811491>

(5) Adeleye, O. E., Oguntayo, O. M., Adeleye, A. I., Adetomiwa, A. S. & Ariyo, O. E. (2020): Effect of *Allium cepa* L. peels extract on gonadotropins, testosterone, and sperm variables in Oba Marshal broiler cocks. *Sokoto Journal of Veterinary Sciences*. 18 (3); 137-143, Published by Faculty of Veterinary Medicine, Usmanu Dan Fodio University, Sokoto. Available online at <http://dx.doi.org/10.4314/sokjvs.v18i3.3>

(6) Adeleye, O. E., Aladeyelu, O. T., Adebiyi, A. A., Adeleye, I. A., Adetomiwa, A. S., Apantaku, J. T. & Olukunle, J. O. (2020): Ameliorative effects of *Psidium guajava* ethanolic leaf extract on streptozotocin-induced diabetic reproductive dysfunctions in male Wistar rats. *Alexandria Journal of Veterinary Science*. 66 (1): 1-9, Published by the Faculty of Veterinary Medicine, Alexandria University, Egypt. Available online at DOI:10.5455/ajvs.101286

(7) Abakpa, S. A. V., Talabi, A. O., Oyekunle, M. A., Ajibola, E. S., Adeniyi, A. A., Mshelbwala, F. M., Akintunde, O. G., Daramola O. O., Adeleye O. E. & Okandeji, M. E. (2020): Elevation of serum cardiac troponin I concentration in dogs experimentally infected with *Trypanosoma congolense*. *Alexandria Journal of Veterinary Science*. 64 (1): 123-128, Published by Faculty of Veterinary Medicine, Alexandria University. Available online at DOI: 10.5455/ajvs.19984101286

(8) Adeleye, O. E., Aboajah, N. A., Adeleye, A. I., Sogebi, E. A. O., Mshelbwala, F. M.,



Adetomiwa, A. S. & Olukunle, J. O. (2019): *Annona muricata* Linn. ethanolic leaf extract ameliorates reproductive complications in streptozotocin-induced diabetic Wistar rats. *Journal of Natural Sciences Engineering and Technology*. 18 (1&2); 166-175, Published by Federal University of Agriculture, Abeokuta. Available online at <https://journal.unaab.edu.ng/index.php/JNSET/article/view/2040/1650>

(9) Oladipo, T. A., Adeleye O. E., Olorode, J., Adebisi, A. A., Omobowale, T. O., Adeoye, Y. D., Adenubi, O. T., Oladipo, O. O., Olukunle, J. O. (2019): Diabetogenic potential of dexamethasone and effect of *Annona muricata* methanolic bark extract as post-exposure therapy in albino rats. *Nigerian Journal of Animal Production*. 46 (2); 72-79, Published by Nigerian Society for Animal Production, Nigeria. Available online at <https://njap.org.ng/index.php/njap/article/view/13>

(10) Olukunle, J. O., Jacobs, E. B., Adeleye, O. E., Oyewusi, J. A., Adenubi, O. T. and Durotoye, L. A. (2019): Effects of aqueous leaf extract of *Acalypha wilkesiana* on semen morphology and characteristics in male Wistar albino rats. *Nigerian Journal of Animal Production*. 46(2); 47-54, Published by Nigerian Society for Animal Production. Available online at <https://www.njap.org.ng/index.php/njap/article/view/8/10>

(11) Ajibola, E. S., Thomas, F. C., Durotoye, L. A., Adeleye, O. E., Adejola, A. & Rahman, S. A (2018): Non-invasive determination of reference arterial blood pressure indices of healthy Alsatian and Boerboel dogs. *Nigerian Veterinary Journal*. 39 (2); 181-188, Published by Nigerian Veterinary Medical Association. Available online at <https://www.ajol.info/index.php/nvj/article/view/178967/168331>

(12) Oladipo, T. A., Adebisi, A. A., Adetomiwa, A. S. Oladipo, O. O., Adeleye, O. E. & Olukunle, J. O. (2018): Evaluation of spermatogenic activity of *Annona muricata* methanolic bark extract in albino rats. *Egyptian Journal of Veterinary Sciences*. 49 (2); 83-90, Published by Egyptian Society of Veterinary Science. Available online at [https://ejvs.journals.ekb.eg/article\\_9903\\_d783b02861dc806ee2a0edec9e5728aa.pdf](https://ejvs.journals.ekb.eg/article_9903_d783b02861dc806ee2a0edec9e5728aa.pdf)

(13) Olukunle, J. O., Oyedoyin, C. T., Jacobs, E. B., Adeleye, O. E., Omobowale, T. O. & Arowolo, R. O. A. (2018): Comparative assessment of the effect of diminazene aceturate

and imidocarb dipropionate on haematology and serum biochemical parameters of apparently healthy Nigerian dogs. *Egyptian Journal of Veterinary Sciences*. 49 (2); 75-81, Published by Egyptian Society of Veterinary Science. Available online at [https://ejvs.journals.ekb.eg/article\\_9499\\_5ea2b8e58fc89c7b9bcb92646f08d983.pdf](https://ejvs.journals.ekb.eg/article_9499_5ea2b8e58fc89c7b9bcb92646f08d983.pdf)

(14) Adeleye, O. E., Ale, J. M., Olukunle, J. O., Adeleye, A. I. & Adeyemi, S. O. (2018): Effects of *Trypanosoma brucei brucei* infection and diminazen aceturate administration on blood pressure and heart rate of Wistar albino rats. *Journal of Basic and Clinical Physiology and Pharmacology*. 29 (3); 265-269, Published by De Gruyter Publishers, Germany. Available online at <https://doi.org/10.1515/jbcpp-2017-0201> (Indexed in Scopus)

(15) Adeleye, O. E., Quadri, J. T., Olukunle, J. O., Adeleye, A. I., Adeyemi, S. O. & Rahman, S. A. (2018): Hematological and male hormonal profile of two cattle breeds reared at the Federal University of Agriculture, Abeokuta. *Bulletin of Animal Health and Production in Africa*. 66 (1); 45-50, Published by African Union Interafrican Bureau for Animal Resources. Available online at <http://www.aubiar.org/component/jdownloads/finish/14/3426>

(16) Olukunle, J. O., Jacobs, E. B., Oyewusi, J. A., Durotoye, L. A. & Adeleye, O. E. (2015): Effects of aqueous leaf extract of *Tithonia diversifolia* (Mexican Sunflower) on semen characteristic and morphology in male Wistar albino rats. *Nigerian Journal of Animal Production*. 42 (2); 263-270, Published by Nigerian Society for Animal Production. Available online at <https://www.ajol.info/index.php/njap/article/view/134241>

(17) Abakpa, S. A. V., Akintunde, O. G., Talabi, A. O. & Adeleye, O. E. (2012): A case report of congenital splayed legs in a piglet. *Tropical Veterinarian*. 30 (2); 89-92, Published by Faculty of Veterinary Medicine, University of Ibadan. Available online at <http://www.ajol.info/index.php/tv/article/view/92025>

(18) Thomas, F. C., Adebayo, O. A., Adeleye, O. E. & Okediran, B. S. (2011): Plasma lipid profile and some biochemical indices in domesticated greater cane rat

(*Thryonomys swinderianus temminck*). *Journal of Natural Sciences Engineering and*

Technology. 10 (1); 81-89. Published by Federal University of Agriculture, Abeokuta. Available online at <http://journal.unaab.edu.ng/index.php/JNSET/article/view/1341>

(19) Adeleye, O. E. & Sofola, O. A. (2010): Salt intake and mean arterial blood pressure in rabbits. *Science World Journal*. 5 (3); 29-32, Published by Faculty of Sciences, Kaduna State University, Kaduna. Available online at <http://www.scienceworldjournal.org/issue/view/8424>

(20) Biobaku, K. T. & Adeleye, O. E. (2010): Two hens mutually brooding: a rare behaviour in *Gallus domesticus*. *Science World Journal*. 5 (3); 21-22, Published by Faculty of Sciences, Kaduna State University, Kaduna. Available online at <http://www.scienceworldjournal.org/issue/view/7322>

(21) Adenubi, O. T., Olukunle, J. O., Abatan, M. O., Ajayi, O. L., Adeleye, O. E. & Kehinde, O. O. (2010): Antispermatic activity of *Morinda morindoides* root bark extract in male Wistar rats. *Journal of Natural Science, Engineering and Technology*. 9 (1); 99-105, Published by Federal University of Agriculture, Abeokuta Nigeria. Available online at [http://journal.unaab.edu.ng/index.php/Series\\_B/issue/view/39](http://journal.unaab.edu.ng/index.php/Series_B/issue/view/39)

(22) Ajibola, E. S., Adeleye, O. E., Okediran, B. S., & Rahman, S. A. (2010): Effect of intragastric administration of crude aqueous leaf extract of *Anacardium occidentale* on gastric acid secretion in rats. *Nigerian Journal of Physiologic Science*. 25 (2010); 59-62, Published by Physiological Society of Nigeria. Available online at <https://www.ajol.info/index.php/njps/article/view/84582/74574> (Indexed in Scopus)

(23) Thomas, F. C., Adeleye, O. E., Ajayi, O. L., Olaniyi, M. O., Adenubi, O. T., Adeleye, A. I. & Agbaje, M. (2009): Acquired incisor malocclusion in an adult rabbit buck: A case report. *Science World Journal*. 4 (3); 29-30, Published by Faculty of Sciences, Kaduna State University, Kaduna. Available online at <http://www.scienceworldjournal.org/issue/view/405>

(24) Ajadi, R. A., Olusa, A. O., Smith, O. F., Ajibola, E. S., Adeleye, O. E., Adenubi, O. T. & Makinde, A. F. (2009): Tramadol improved the efficacy of ketamine-xylazine anaesthesia in young pigs. *Veterinary Anaesthesia and Analgesia*. 36 (6); 562-566, Published by Wiley Blackwell Publishers (UK). Available online at

<http://onlinelibrary.wiley.com/doi/10.1111/vaa.2009.36.issue-6/issuetoc> (Indexed in Scimago)

(25) Ajadi, R. A., Smith, O. F., Makinde, A. F. & Adeleye, O. E. (2008): Increasing ketamine dose enhances the anaesthetic properties of ketamine-xylazine-midazolam combination in growing pigs. *Journal of the South African Veterinary Association*. 79 (4); 205-207, Published by South African Veterinary Association. Available online at <https://pdfs.semanticscholar.org/fd70/68cd57cec870af7694dfdab6e7dbcf3efe0f.pdf> (Indexed in Scimago)

(26) Osinubi, M. O. V., Ajogi, I., Hassan, A. Z. & Adeleye, O. E. (2003): Antibiogram of oral microbial flora of dogs in Zaria. *Nigerian Veterinary Journal*. 24 (3); 107-110,

Published by Nigerian Veterinary Medical Association. Available online at <http://www.ajol.info/index.php/nvj>

iii) Journal Articles Accepted for Publication:

(27) Adeleye, O. E., Ajala, T., Adekoya, O. A. and Adeleye, A. I., (2023): Effective Dose Regimen of STZ for STZ-induced Diabetes in a Rat Model. *Iranian Journal of Veterinary Medicine*. Published by Faculty of Veterinary Medicine, University of Tehran, Iran,