Olanrewaju Ifeoluwa FATOLA

PhD

PUBLICATIONS

Research Article (accepted for publication)

Histological and histomorphometric characterization of the eye of the Graceful Chameleon (Chamaeleo gracilis)

Fatola OI, Obembe AR, Adeyanju TE, Gilbert TT, Usende IL, Aina OO

2026

International Journal of Morphology, ...

Research Article

Two cases of mammary intraductal papillary adenomas in nulliparous aged dairy cattle

Fatola OI, Balkema-Buschmann A, Groschup MH, Ulrich R

https://doi.org/10.3389/fvets.2026.1766623

2026

Frontiers in Veterinary Science, 13:1766623

Research Article

Histological examination of neuroanatomical and ocular structures in the Gambian Sun squirrel (Heliosciurus gambianus Ogilby, 1835) for understanding arboreal adaptations

Fatola OI, Aribisala KC, Gilbert TT, Njasi MK, Abeje JI, Aina, OO Olopade JO

https://doi.org/10.1002/ar.25684

2025

Anatomical Record, :1-12

Research Article

Histomorphological investigation of the eye of the tree squirrel: A preliminary study

Olopade JO, Fatola OI, Gilbert TT, Folarin OR, Obasa AA, Abeje JI, Njasi MK, Ighrodje EO, Omile CI, Adedokun KI

http://dx.doi.org/10.2478/fv-2024-0001

2024

Folia Veterinaria, 68(1):1-14

Research Article

Baseline histological and morphometric description of the retina in the Pied Crow (Corvus albus)

Fatola OI, Gilbert TT, Usende IL, Olopade JO

https://doi.org/10.1186/ s13104-026-07762-1

2026

BMC Research Notes, 19(1):176

Research Article

Prevalence of African horse sickness virus antibodies in horses and selected wildlife in four geographical regions of Nigeria

Chinyere CN, Ajaebili AC, Peter-Ajuzie IK, Galadima HB, Daodu OB, Fatola OI, Okolo CC, Alaba BA, Akinniyi OO, Omoniwa DO, Edeh ER, Olorunfemi AB, Olayinka TA, Ojurongbe O, Oluwayelu DO, Muhammad AB, Abubakar MB, Meseko CA, Happi AN, Happi CT, Bakarey AS, Groschup MH, Olopade JO

https://doi.org/10.1155/vmi/4106678

2025

Veterinary Medicine International, 2025(1):4106678

Research Article

Histomorphology and histomorphometrics of the retina in juvenile and adult African Giant Rats (Cricetomys gambianus)

Usende IL, Rasaq AA, Oyelowo-Abdulraheem, Fatola IO, Shokoye I, Attah OR, Tags SZ, Olopade JO

https://saheljvs.org/index.php/saheljvs/article/view/408

2024

Sahel Journal of Veterinary Sciences, 21(2):9-18

Research Article

Microscopic anatomy of the subcommissural organ in the brain of the adult greater cane rat (Rodentia: Thryonomyidae)

Gilbert TT, Olopade FE, Ladagu AD, Lanipekun DO, Fatola OI, Folarin OR, Olopade JO

https://doi.org/10.1111/ahe.12990

2024

Anatomia, Histologia, Embryologia 53(1):e12990

PUBLICATIONS

Research Article

Comparative gross morphometry and histomorphology of brain and testes in Thomas's Rope Squirrel (Funisciurus anerythrus) and Gambian Sun Squirrel (Heliosciurus gambianus)

Gilbert TT, Lanipekun DO, Fatola OI, Obasa AA, Njasi MK, Abeje JI, Omile CI, Adedokun KI, Kpasham LZ, Olopade FE, Olopade JO

2024

Anatomical Society of Nigeria, 15(1):12-20

Research Article

Gross morpho-biometry, histometry and immunohistochemical investigations of pituitary gland in the juvenile and adult male African giant rats (Cricetomys gambianus)

Gilbert TT, Olopade F, Fatola O, Folarin OR, Obasa A, Olopade J

http://dx.doi.org/10.52083/ycqn8605

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European Journal of Anatomy, 28(2):165-177

Research Article

Neuropathological profile of the African Giant Rat brain (Cricetomys gambianus) after natural exposure to heavy metal environmental pollution in the Nigerian Niger Delta

Olopade JO, Mustapha OA, Fatola OI, Ighorodje E, Folarin OR, Olopade FE, Omile IC, Obasa AA, Oyagbemi AA, Olude MA, Thackray AM, Bujdoso R

http://dx.doi.org/10.1007/s11356-023-30619-0

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Environmental Science and Pollution Research, 30(57):120496-514

Research Article

Ethanol extract of aloe vera ameliorates artemether-lumefantrine-induced reproductive toxicity in adult male albino rats (Wistar Strain)

Mustapha OO, Fatola O, Ola-Davies O, Ajayi OL, Oyeyemi M

https://doi.org/10.5620/eaht.2023025

2023

Environmental Analysis Health and Toxicology, 38(4):1-11

Research Article

Strain typing of classical scrapie and bovine spongiform encephalopathy (BSE) by using ovine PrP (ARQ/ARQ) overexpressing transgenic mice

Fatola OI, Keller M, Balkema-Buschmann A, Olopade J, Groschup MH, Fast C

https://doi.org/10.3390/ijms23126744

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International Journal of Molecular Sciences, 23(12):6744

Research Article

Prion infectivity and PrPBSE in the peripheral and central nervous system of cattle 8 months post oral BSE challenge

Ackermann I, Ulrich R, Tauscher K, Keller M, Fatola OI, Shawulu JC, Arnold M, Czub S, Groschup MH, Balkema-Buschmann A

https://doi.org/10.3390/ijms222111310

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International Journal of Molecular Sciences, 22(21):11310

Research Article

A semiquantitative scoring system for histopathological and immunohistochemical assessment of lesions and tissue tropism in avian influenza

Landmann M, Scheibner D, Graaf A, Gischke M, Koethe S, Fatola OI, Raddatz B, Mettenleiter TC, Beer M, Grund C, Harder T, Abdelwhab EM, Ulrich R

https://doi.org/10.3390/v13050868

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Research Article

Absence of classical and atypical (H- and L-) BSE infectivity in the blood of bovines in the clinical end stage of disease as confirmed by intraspecies blood transfusion

Balkema-Buschmann A, Ziegler U, Priemer G, Tauscher K, Köster F, Ackermann I, Fatola OI, Balkema D, Schinköthe J, Hammerschmidt B, Fast C, Ulrich R, Groschup MH

https://doi.org/10.1099/jgv.0.001460

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Journal of General virology, 102(1):1-11

PUBLICATIONS

Research Article

Insertion of basic amino acids in the hemagglutinin cleavage site of H4N2 avian influenza virus (AIV)—reduced virus fitness in chickens is restored by reassortment with highly pathogenic H5N1 AI

Gischke M, Ulrich R, Fatola OI, Scheibner D, Salaheldin AH, Crossley B, Böttcher-Friebertshäuser E, Veits J, Mettenleiter TC, Abdelwhab EM

https://doi.org/10.3390/ijms21072353

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International Journal of Molecular Sciences, 21(7):2353

Review Article

Trends in vanadium neurotoxicity

Fatola OI, Olaolorun FA, Olopade FE, Olopade JO

https://doi.org/10.1016/j.brainresbull.2018.03.010

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Brain Research Bulletin, 145:75-80.

Research Article

Detection of PrPBSE and prion infectivity in the ileal Peyer's patch of young calves as early as two months after oral challenge with classical bovine spongiform encephalopathy

Ackermann I, Balkema-Buschmann A, Ulrich R, Tauscher K, Shawulu JC, Keller M, Fatola OI, Brown P, Groschup MH

https://doi.org/10.1186/s13567-017-0495-5

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Research Article

Some aspects of the neurocraniometry of the African Giant Rat (Cricetomys gambianus Waterhouse)

Olude MA, Olopade JO, Fatola IO, Onwuka SK

http://www.ncbi.nlm.nih.gov/pubmed/19950071

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Research Article

Variable impact of the hemagglutinin polybasic cleavage site on virulence and pathogenesis of avian influenza H7N7 virus in chickens, turkeys and ducks

Scheibner D, Ulrich R, Fatola OI, Graaf A, Gischke M, Salaheldin AH, Harder TC, Veits J, Mettenleiter TC, Abdelwhab EM

https://doi.org/10.1038/s41598-019-47938-3

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Scientific Reports, 9(1):1-13.

Research Article

Exploring PMCA as a potential in-vitro alternative method to mouse bioassays for the highly sensitive detection of BSE prions

Ackermann I, Shawulu JC, Keller M, Fatola OI, Groschup MH, Balkema- Buschmann A

https://www.vetline.de/system/files/frei/BMTW_OA_18021_BalkemaBuschmann.pdf

2018

Berliner und Munchener Tierarztliche Wochenschrift, 131(9-10):368-74.

Research Article

Vertical administration of vanadium through lactation induces behavioural and neuromorphological changes: Protective role of vitamin E

Olopade JO, Fatola IO, Olopade FE

http://www.ncbi.nlm.nih.gov/pubmed/22314988

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