

## PUBLICATIONS PARUES EN 2022

La présente liste recense l'ensemble des articles scientifiques publiés par les chercheurs de l'Institut Pasteur de Dakar (IPD) en 2022.

1. **Heraud JM**, Lavergne A, Njouom R. Special Issue: "Viral Genetic Diversity". *Viruses*. 2022 Mar 10;14(3):570. doi: 10.3390/v14030570. PMID: 35336977; PMCID: PMC8954497.

**Type: OPEN ACCESS**

**Domaine: Virologie**

2. Tegally H, San JE, Cotten M, Moir M, Tegomoh B, Mboowa G, Martin DP, Baxter C, Lambisia AW, Diallo A, Amoako DG, **Diagne MM**, Sisay A, Zekri AN, Gueye AS, Sangare AK, Ouedraogo AS, **Sow A**, Musa AO, Sesay AK, Abias AG, Elzagheid AI, Lagare A, Kemi AS, Abar AE, Johnson AA, Fowotade A, Oluwapelumi AO, Amuri AA, Juru A, Kandeil A, Mostafa A, Rebai A, Sayed A, Kazeem A, Balde A, Christoffels A, Trotter AJ, Campbell A, Keita AK, Kone A, Bouzid A, Souissi A, Agweyu A, Naguib A, Gutierrez AV, Nkeshimana A, Page AJ, Yadouleton A, Vinze A, Happi AN, Chouikha A, Iranzadeh A, Maharaj A, Batchi-Bouyou AL, Ismail A, Sylverken AA, Goba A, Femi A, Sijuwola AE, Marycelin B, Salako BL, Oderinde BS, Bolajoko B, Diarra B, Herring BL, Tsofa B, Lekana-Douki B, Mvula B, Njanpop-Lafourcade BM, Marondera BT, Khaireh BA, Kouriba B, Adu B, Pool B, McInnis B, Brook C, Williamson C, Nduwimana C, Anscombe C, Pratt CB, Scheepers C, Akoua-Koffi CG, Agoti CN, Mapanguy CM, **Loucoubar C**, Onwuamah CK, Ihekweazu C, Malaka CN, Peyrefitte C, Grace C, Omoruyi CE, Rafaï CD, Morang'a CM, Erameh C, Lule DB, Bridges DJ, Mukadi-Bamuleka D, Park D, Rasmussen DA, Baker D, Nokes DJ, Ssemwanga D, Tshiabuila D, Amuzu DSY, Goedhals D, Grant DS, Omuoyo DO, Maruapula D, Wanjohi DW, Foster-Nyarko E, Lusamaki EK, Simulundu E, Ong'era EM, Ngabana EN, Abworo EO, Otieno E, Shumba E, Barasa E, Ahmed EB, Ahmed EA, Lokilo E, Mukantwari E, Philomena E, Belarbi E, Simon-Loriere E, Anoh EA, Manuel E, Leendertz F, Taweh FM, Wasfi F, Abdelmoula F, Takawira FT, Derrar F, Ajogbasile FV, Treurnicht F, Onikepe F, Ntoumi F, Muyembe FM, Ragomzingba FEZ, Dratibi FA, Iyanu FA, Mbunsu GK, Thilliez G, Kay GL, Akpede GO, van Zyl GU, Awandare GA, Kpeli GS, Schubert G, Maphalala GP, Ranaivoson HC, Omunakwe HE, Onywera H, Abe H, Karray H, Nansumba H, Triki H, Kadjo HAA, Elgahzaly H, Gumbo H, Mathieu H, Kavunga-Membo H, Smeti I, Olawoye IB, Adetifa IMO, ODiya J, Ben Boubaker IB, Muhammad IA, Ssewanyana I, Wurie I, Konstantinus IS,

Halatoko JWA, Ayei J, Sonoo J, Makangara JC, Tamfum JM, **Heraud JM**, Shaffer JG, Giandhari J, Musyoki J, Nkurunziza J, Uwanibe JN, Bhiman JN, Yasuda J, Morais J, Kiconco J, Sandi JD, Huddleston J, Odoom JK, Morobe JM, Gyapong JO, Kayiwa JT, Okolie JC, Xavier JS, Gyamfi J, Wamala JF, Bonney JHK, Nyandwi J, Everatt J, Nakaseegu J, Ngoi JM, Namulondo J, Oguzie JU, Andeko JC, Lutwama JJ, Mogga JJH, O'Grady J, Siddle KJ, Victoir K, Adeyemi KT, Tumedu KA, Carvalho KS, Mohammed KS, Dellagi K, Musonda KG, Duedu KO, Fki-Berrajah L, Singh L, Kepler LM, Biscornet L, de Oliveira Martins L, Chabuka L, Olubayo L, Ojok LD, Deng LL, Ochola-Oyier LI, Tyers L, Mine M, Ramuth M, Mastouri M, ElHefnawi M, Mbanne M, Matsheka MI, Kebabonye M, Diop M, Momoh M, Lima Mendonça MDL, Venter M, Paye MF, **Faye M**, Nyaga MM, Mareka M, Damaris MM, Mburu MW, Mpina MG, Owusu M, Wiley MR, Tاتفeng MY, Ayekaba MO, Abouelhoda M, Beloufa MA, Seadawy MG, Khalifa MK, Matobo MM, Kane M, Salou M, Mbulawa MB, Mwenda M, Allam M, Phan MVT, Abid N, Rujeni N, Abuzaid N, Ismael N, Elguindy N, Top NM, **Dia N**, Mabunda N, Hsiao NY, Silochi NB, Francisco NM, Saasa N, Bbosa N, Murunga N, Gumede N, Wolter N, Sitharam N, Ndodo N, Ajayi NA, Tordo N, Mbhele N, Razanajatovo NH, Iguosadolo N, Mba N, Kingsley OC, Sylvanus O, Femi O, Adewumi OM, Testimony O, Ogunsanya OA, Fakayode O, Ogah OE, Oludayo OE, **Faye O**, Smith-Lawrence P, Ondoa P, Combe P, Nabisubi P, Semanda P, Oluniyi PE, Arnaldo P, Quashie PK, Okokhere PO, Bejon P, Dussart P, Bester PA, Mbala PK, Kaleebu P, Abechi P, El-Shesheny R, Joseph R, Aziz RK, Essomba RG, Ayivor-Djanie R, Njouom R, Phillips RO, Gorman R, Kingsley RA, Neto Rodrigues RMDESA, Audu RA, Carr RAA, Gargouri S, Masmoudi S, Bootsma S, **Sankhe S**, Mohamed SI, Femi S, Mhalla S, Hosch S, Kassim SK, Metha S, Trabelsi S, Agwa SH, Mwangi SW, Doumbia S, Makiala-Mandanda S, Aryeetey S, Ahmed SS, Ahmed SM, Elhamoumi S, Moyo S, Lutucuta S, Gaseitsiwe S, Jalloh S, Andriamandimby SF, Oguntope S, Grayo S, Lekana-Douki S, Prosolek S, Ouangraoua S, van Wyk S, Schaffner SF, Kanyerezi S, Ahuka-Mundeye S, Rudder S, Pillay S, Nabadda S, Behillil S, Budiaki SL, van der Werf S, Mashe T, Mohale T, Le-Viet T, Velavan TP, Schindler T, Maponga TG, Bedford T, Anyaneji UJ, Chinedu U, Ramphal U, George UE, Enouf V, Nene V, Gorova V, Roshdy WH, Karim WA, Ampofo WK, Preiser W, Choga WT, Ahmed YA, Ramphal Y, Bediako Y, Naidoo Y, Butera Y, de Laurent ZR; Africa Pathogen Genomics Initiative (Africa PGI)‡; Ouma AEO, von Gottberg A, Githinji G, Moeti M, Tomori O, Sabeti PC, **Sall AA**, Oyola SO, Tebeje YK, Tessema SK, de Oliveira T, Happi C, Lessells R, Nkengasong J, Wilkinson E. The evolving SARS-CoV-2 epidemic in Africa: Insights from rapidly expanding genomic

surveillance. *Science*. 2022 Oct 7;378(6615):eabq5358. doi: 10.1126/science.abq5358. Epub 2022 Oct 7. PMID: 36108049; PMCID: PMC9529057.

**Type: OPEN ACCESS**

**Domaine: Virologie, Santé publique**

3. **Diallo D, Diouf B, Gaye A, Ndiaye EH, Sene NM, Dia I, Diallo M.** Dengue vectors in Africa: A review. *Heliyon*. 2022 May 17;8(5):e09459. doi: 10.1016/j.heliyon.2022.e09459. PMID: 35620619; PMCID: PMC9126922.

**Type: OPEN ACCESS**

**Domaine: Zoologie Médicale**

4. **Thiam LG,** Mangou K, Ba A, Mbengue A, **Bei AK.** Leveraging genome editing to functionally evaluate *Plasmodium* diversity. *Trends Parasitol*. 2022 Jul;38(7):558–571. doi: 10.1016/j.pt.2022.03.005. Epub 2022 Apr 22. PMID: 35469746.

**Type: OPEN ACCESS**

**Domaine: Immunophysiopathologie des maladies infectieuses**

5. Yadouleton A, **Faye M,** Tchibozo C, Oke M, **Faye O,** Lawale T, Denon E, Keke R, Dossou A, Zohoun A, Dossou F, **Diagne MM,** Salifou S, Diatta KL, Ndiaye M, **Sankhe S,** Diallo A, Bedie S, Glele-Kakai C, Onifade AF, Saizonou R, Hounkanrin G, Quenum O, Badou Y, Hounkpatin B, **Sall AA, Faye O.** Introduction of monkeypox virus in Benin, 2022. *Mil Med Res*. 2022 Nov 9;9(1):63. doi: 10.1186/s40779-022-00424-w. PMID: 36348402; PMCID: PMC9644551.

**Type: OPEN ACCESS**

**Domaine: Virologie**

6. Koundouno FR, Kafetzopoulou LE, **Faye M,** Renevey A, Soropogui B, Ifono K, Nelson EV, Kamano AA, Tolno C, Annibaldis G, Millimono SL, Camara J, Kourouma K, Doré A, Millimouno TE, Tolno FMB, Hinzmann J, Soubrier H, Hinrichs M, Thielebein A, Herzer G, Pahlmann M, Ki-Zerbo GA, Formenty P, Legand A, Wiley MR, **Faye O, Diagne MM, Sall AA,** Lemey P, Bah A, Günther S, Keita S, Duraffour S, Magassouba N. Detection of Marburg Virus Disease in Guinea. *N Engl J Med*. 2022 Jun 30;386(26):2528–2530. doi: 10.1056/NEJMc2120183. PMID: 35767445; PMCID: PMC7613962.

**Type: OPEN ACCESS**

**Domaine: Virologie**

7. 8: Mencattelli G, **Ndione MHD**, Rosà R, Marini G, **Diagne CT**, **Diagne MM**, **Fall G**, **Faye O**, **Diallo M**, **Faye O**, Savini G, Rizzoli A. Epidemiology of West Nile virus in Africa: An underestimated threat. PLoS Negl Trop Dis. 2022 Jan 10;16(1):e0010075. doi: 10.1371/journal.pntd.0010075. PMID: 35007285; PMCID: PMC8789169.

**Type: OPEN ACCESS**

**Domaine: Virologie, Zoologie Médicale**

8. **Sadio BD**, **Faye M**, Kaiser M, **Diarra M**, Baliqne F, **Diagne CT**, **Faye O**, **Diagne MM**, **Fall G**, Ndiaye O, **Loucoubar C**, **Sow A**, **Faye O**, Faye A, Boye CSB, **Sall AA**. First hepatitis E outbreak in Southeastern Senegal. Sci Rep. 2022 Oct 25;12(1):17878. doi: 10.1038/s41598-022-22491-8. PMID: 36284151; PMCID: PMC9596447.

**Type : OPEN ACCESS**

**Domaine: Virologie, Science des données**

9. **Dieye Y**, Nguer CM, Thiam F, Diouara AAM, **Fall C**. Recombinant *Helicobacter pylori* Vaccine Delivery Vehicle: A Promising Tool to Treat Infections and Combat Antimicrobial Resistance. Antibiotics (Basel). 2022 Nov 25;11(12):1701. doi: 10.3390/antibiotics11121701. PMID: 36551358; PMCID: PMC9774608.

**Type: OPEN ACCESS**

**Domaine: Bactériologie**

10. **Ndione MHD**, **Ndiaye EH**, **Faye M**, **Diagne MM**, **Diallo D**, **Diallo A**, **Sall AA**, **Loucoubar C**, **Faye O**, **Diallo M**, **Faye O**, **Barry MA**, **Fall G**. Re-Introduction of West Nile Virus Lineage 1 in Senegal from Europe and Subsequent Circulation in Human and Mosquito Populations between 2012 and 2021. Viruses. 2022 Dec 6;14(12):2720. doi: 10.3390/v14122720. PMID: 36560724; PMCID: PMC9785585.

**Type: OPEN ACCESS**

**Domaine: Virologie, Science des données, Santé Publique, Zoologie Médicale**

11. **Diarra M**, Kebir A, **Talla C**, **Barry A**, **Faye J**, Louati D, Opatowski L, Diop M; REPAIR consortium; White LJ, **Loucoubar C**, Miled SB. Non-pharmaceutical interventions and COVID-19 vaccination strategies in Senegal: a modelling study. BMJ Glob Health. 2022 Feb;7(2):e007236. doi: 10.1136/bmjgh-2021-007236. PMID: 35193893; PMCID: PMC8882665.

**Type: OPEN ACCESS**

**Domaine: Science des données**

12. Agus DB, Nguyen A, **Sall AA**, Bell J. COVID-19 and other adult vaccines can drive global disease prevention. *Lancet*. 2023 Jan 7;401(10370):8-10. doi: 10.1016/S01406736(22)02084-0. Epub 2022 Oct 27. PMID: 36354041; PMCID: PMC9612846.

**Type: OPEN ACCESS**

**Domaine: Virologie**

13. **Sene NM, Diouf B, Gaye A, Ndiaye EH, Ngom EM, Gueye A, Seck F, Diagne CT, Diallo I, Diallo D, Diallo M**. Blood Feeding Patterns of *Aedes aegypti* Populations in Senegal. *Am J Trop Med Hyg*. 2022 Mar 28;106(5):1402-5. doi:10.4269/ajtmh.21-0508. Epub ahead of print. PMID: 35344930; PMCID: PMC9128688.

**Type: OPEN ACCESS**

**Domaine: Zoologie Médicale**

14. **Dieng I, Diagne MM, Ndione MHD**, Hedible BG, Diop M, Adjoguoua EV, Sylla Y, Kadjo H, **Loucoubar C, Sall AA, Faye O, Faye O**. Dengue virus serotype 2 imported case from Côte d'Ivoire to Senegal, 2017. *Transbound Emerg Dis*. 2022 Sep;69(5):3035-3040. doi: 10.1111/tbed.14239. Epub 2021 Jul 27. PMID: 34270171.

**Type: PAYWALLED ACCESS**

**Domaine: Virologie, Science des données**

15. Wurtzer S, Lacote S, Murri S, Marianneau P, Monchatre-Leroy E, Boni M, Ferraris O, Maday Y, **Kébé O, Dia N**, Peyrefitte C, Sokol H, Obepine Consortium, Moulin L, Maréchal V. Reduction in SARS-CoV-2 Virus Infectivity in Human and Hamster Feces. *Viruses*. 2022 Aug 15;14(8):1777. doi: 10.3390/v14081777. PMID: 36016399; PMCID: PMC9415851.

**Type: OPEN ACCESS**

**Domaine: Virologie**

16. **Diarra M, Barry A, Dia N**, Diop M, Sonko I, Sagne S, **Sarr FD, Talla C**, Tall A, **Faye J**, Diop B, **Diagne CT, Gaye A**, Diallo A, Mbaye R, Cisse M, Taieb F, **Faye O**, Lakhe NA,

Papa Samba B, Diallo K, Fall NM, Badiane AS, Fortes L, Diop M, Thioub D, Ly AB, **Faye O**, Seydi M, Bousso A, **Sall AA**, **Loucoubar C**; Senegalese District Medical Officers. First wave COVID-19 pandemic in Senegal: Epidemiological and clinical characteristics. *PLoS One*. 2022 Sep 20;17(9):e0274783. doi: 10.1371/journal.pone.0274783. PMID: 36126041; PMCID: PMC9488827.

**Type: OPEN ACCESS**

**Domaine: Virologie, Zoologie Médicale**

17. Andrianiana A, Andry S, Gentles A, Guth S, **Héraud JM**, Ranaivoson HC, Ravelomanantsoa NAF, Treuer T, Brook CE. Reproduction, seasonal morphology, and juvenile growth in three Malagasy fruit bats. *J Mammal*. 2022 Aug 30;103(6):1397-1408. doi: 10.1093/jmammal/gyac072. PMID: 36686611; PMCID: PMC9841406.

**Type: OPEN ACCESS**

**Domaine: Virologie**

18. Lapidus S, Liu F, Casanovas-Massana A, Dai Y, Huck JD, Lucas C, Klein J, Filler RB, Strine MS, Sy M, Deme AB, Badiane AS, Dieye B, Ndiaye IM, Diedhiou Y, Mbaye AM, **Diagne CT**, **Vigan-Womas I**, Mbengue A, **Sadio BD**, **Diagne MM**, Moore AJ, Mangou K, Diallo F, Sene SD, **Pouye MN**, Faye R, **Diouf B**, Nery N Jr, Costa F, Reis MG, Muenker MC, Hodson DZ, Mbarga Y, Katz BZ, Andrews JR, Campbell M, Srivathsan A, Kamath K, Baum-Jones E, **Faye O**, **Sall AA**, Vélez JCQ, Cappello M, Wilson M, Ben-Mamoun C, Tedder R, McClure M, Cherepanov P, Somé FA, Dabiré RK, Moukoko CEE, Ouédraogo JB, Boum Y 2nd, Shon J, Ndiaye D, Wisniewski A, Parikh S, Iwasaki A, Wilen CB, Ko AI, Ring AM, **Bei AK**. Plasmodium infection is associated with cross-reactive antibodies to carbohydrate epitopes on the SARS-CoV-2 Spike protein. *Sci Rep*. 2022 Dec 22;12(1):22175. doi: 10.1038/s41598-022-26709-7. PMID: 36550362; PMCID: PMC9778468.

**Type: OPEN ACCESS**

**Domaine: Virologie, Immunophysiopathologie**

19. **Dieng I**, Diallo A, Ndiaye M, **Mhamadi M**, **Diagne MM**, **Sankhe S**, **Ndione MHD**, **Gaye A**, Sagne SN, **Heraud JM**, **Sall AA**, **Fall G**, **Loucoubar C**, **Faye O**, **Faye O**. Full genome analysis of circulating DENV-2 in Senegal reveals a regional diversification into separate clades. *J Med Virol*. 2022 Nov;94(11):5593-5600. doi: 10.1002/jmv.28027. Epub 2022 Aug 5. PMID: 35879861.

**Type: PAYWALLED ACCESS**

**Domaine: Virologie, Zoologie Médicale**

20. **Thiam LG**, Ansah F, **Niang M**, Awandare GA, Aniweh Y. Short-term cryopreservation and thawing have minimal effects on *Plasmodium falciparum* ex vivo invasion profile. Front Cell Infect Microbiol. 2022 Sep 20;12:997418. doi: 10.3389/fcimb.2022.997418. PMID: 36204649; PMCID: PMC9531135.

**Type: OPEN ACCESS**

**Domaine: Immunophysiopathologie**

21. Pedersen J, Koumakpayi IH, Babuadze G, Baz M, Ndiaye O, **Faye O, Diagne CT, Dia N**, Naghibosadat M, McGeer A, Muberaka S, Moukandja IP, Ndidi S, Tauil CB, Lekana-Douki JB, **Loucoubar C, Faye O, Sall A**, Magalhães KG, Weis N, Kozak R, Kobinger GP, Fausther-Bovendo H. Cross-reactive immunity against SARS-CoV-2 N protein in Central and West Africa precedes the COVID-19 pandemic. Sci Rep. 2022 Jul 28;12(1):12962. doi: 10.1038/s41598-022-17241-9. PMID: 35902675; PMCID: PMC9333058.

**Type: OPEN ACCESS**

**Domaine: Virologie, Science des données**

22. **Dieng I**, Ndiaye M, **Dia M, Mhamadi M, Toure CT, Gaye A, Diagne CT**, El Wahed A, Weidmann M, **Faye O, Sall AA, Faye O**. Quantitative real time PCR detection of Saboya virus: A flavivirus member of yellow fever genetic group. J Virol Methods. 2023 Jan;311:114638. doi: 10.1016/j.jviromet.2022.114638. Epub 2022 Nov 1. PMID: 36328081.

**Type: OPEN ACCESS**

**Domaine: Virologie**

23. **Faye M, Faye O**, Paola ND, **Ndione MHD, Diagne MM, Diagne CT, Bob NS, Fall G, Heraud JM, Sall AA, Faye O**. Rabies surveillance in Senegal 2001 to 2015 uncovers first infection of a honey-badger. Transbound Emerg Dis. 2022 Sep;69(5):e1350-e1364. doi: 10.1111/tbed.14465. Epub 2022 Feb 23. PMID: 35124899.

**Type: PAYWALLED ACCESS**

**Domaine: Virologie**

24. Thiam F, Diop G, Coulonges C, Derbois C, **Mbengue B**, **Thiam A**, Nguer CM, Zagury JF, Deleuze JF, **Dieye A**. *G6PD* and *HBB* polymorphisms in the Senegalese population: prevalence, correlation with clinical malaria. Peer J. 2022 Jul 5;10:e13487. doi: 10.7717/peerj.13487. PMID: 35811813; PMCID: PMC9266585.

**Type: OPEN ACCESS**

**Domaine: Bactériologie**

25. **Thiam LG**, Nyarko PB, Ansah F, **Niang M**, Awandare GA, Aniweh Y. Phenotypic characterization of Ghanaian *P. falciparum* clinical isolates reveals a homogenous parasite population. Front Immunol. 2022 Sep 23;13:1009252. doi: 10.3389/fimmu.2022.1009252. PMID: 36211335; PMCID: PMC9537689.

**Type: OPEN ACCESS**

**Domaine: Immunophysiopathologie**

26. Mangou K, Moore AJ, **Thiam LG**, Ba A, Orfanó A, Desamours I, Ndegwa DN, Goodwin J, Guo Y, Sheng Z, Patel SD, Diallo F, Sene SD, **Pouye MN**, Faye AT, **Thiam A**, Nunez V, **Diagne CT**, **Sadio BD**, Shapiro L, **Faye O**, Mbengue A, **Bei AK**. Structure-guided insights into potential function of novel genetic variants in the malaria vaccine candidate PfRh5. Sci Rep. 2022 Nov 12;12(1):19403. doi: 10.1038/s41598-022-23929-9. PMID: 36371450; PMCID: PMC9653458.

**Type: OPEN ACCESS**

**Domaine: Virologie, Immunophysiopathologie**

27. Papa A, Marklewitz M, Paraskevopoulou S, Garrison AR, Alkhovsky SV, Avšič-Županc T, Bente DA, Bergeron É, Burt F, Di Paola N, Ergünay K, Hewson R, Mirazimi A, **Sall AA**, Spengler JR, Postler TS, Palacios G, Kuhn JH. History and classification of Aigai virus (formerly Crimean-Congo haemorrhagic fever virus genotype VI). J Gen Virol. 2022 Apr;103(4):001734. doi: 10.1099/jgv.0.001734. PMID: 35412967; PMCID: PMC10026732.

**Type: OPEN ACCESS**

**Domaine: Virologie**

28. Tang JW, Caniza MA, Dinn M, Dwyer DE, **Heraud JM**, Jennings LC, Kok J, Kwok KO, Li Y, Loh TP, Marr LC, Nara EM, Perera N, Saito R, Santillan-Salas C, Sullivan S, Warner M, Watanabe A, Zaidi SK. An exploration of the political, social, economic and cultural factors affecting how different global regions initially reacted to the

COVID-19 pandemic. *Interface Focus*. 2022 Feb 11;12(2):20210079. doi: 10.1098/rsfs.2021.0079. PMID: 35261734; PMCID: PMC8831085.

**Type: OPEN ACCESS**

**Domaine: Virologie**

29. **Faye M**, Seye T, Patel P, **Diagne CT**, **Diagne MM**, **Dia M**, Thiaw FD, **Sall AA**, **Faye O**. Development of Real-Time Molecular Assays for the Detection of Wesselsbron Virus in Africa. *Microorganisms*. 2022 Mar 3;10(3):550. doi: 10.3390/microorganisms10030550. PMID: 35336125; PMCID: PMC8948963.

**Type: OPEN ACCESS**

**Domaine: Virologie**

30. Kahwagi J, Seye AO, Mbodji AB, Diagne R, Mbengue EH, Fall M, Andriamandimby SF, Easton A, **Faye M**, **Fall G**, **Dia N**, Ndiaye B, Ndiaye MB, **Gueye A**, Mbacke SS, Kane F, Ghouriechy MIE, Ensene Investigators, Seck LB, Gaye NM, **Sall AA**, Ndiaye M, **Faye O**, Diop AG, **Heraud JM**. Surveillance of Viral Encephalitis in the Context of COVID-19: A One-Year Observational Study among Hospitalized Patients in Dakar, Senegal. *Viruses*. 2022 Apr 22;14(5):871. doi: 10.3390/v14050871. PMID: 35632613; PMCID: PMC9145710.

**Type: OPEN ACCESS**

**Domaine: Bactériologie**

31. Ndiaye N, Thiaw FD, Fall A, **Kébé O**, Diatta KL, **Dia N**, Fall M, **Sall AA**, **Faye M**, **Faye O**. Molecular Epidemiology of Enterovirus A71 in Surveillance of Acute Flaccid Paralysis Cases in Senegal, 2013–2020. *Vaccines (Basel)*. 2022 May 25;10(6):843. doi: 10.3390/vaccines10060843. PMID: 35746451; PMCID: PMC9230434.

**Type: OPEN ACCESS**

**Domaine: Virologie**

32. Boeras D, **Diagne CT**, Pelegrino JL, Grandadam M, Duong V, Dussart P, Brey P, Ruiz D, Adati M, Wilder-Smith A, Falconar AK, Romero CM, Guzman M, Hasanin N, **Sall A**, Peeling RW. Evaluation of Zika rapid tests as aids for clinical diagnosis and epidemic preparedness. *EClinicalMedicine*. 2022 Jun 4;49:101478. doi: 10.1016/j.eclim.2022.101478. PMID: 35747186; PMCID: PMC9167860.

**Type: OPEN ACCESS**

**Domaine: Virologie**

33. Tondossama N, Coulibaly ZI, Traoré I, Ako BA, Zoh DD, Virgillito C, Guindo-Coulibaly N, Serini P, Assouho FK, **Dia I**, Touré AO, Adja MA, Caputo B, Della Torre A, Pichler V. High Levels of Admixture in *Anopheles gambiae* Populations from Côte d'Ivoire Revealed by Multilocus Genotyping. *Insects*. 2022 Nov 26;13(12):1090. doi: 10.3390/insects13121090. PMID: 36555000; PMCID: PMC9782310.

**Type: OPEN ACCESS**

**Domaine: Zoologie Médicale**

34. **Dieng I, Fall C, Barry MA, Gaye A, Dia N, Ndione MHD**, Fall A, Diop M, **Sarr FD**, Ndiaye O, Dieng M, Diop B, **Diagne CT**, Ndiaye M, **Fall G**, Sylla M, **Faye O, Loucoubar C, Faye O, Sall AA**. Re-Emergence of Dengue Serotype 3 in the Context of a Large Religious Gathering Event in Touba, Senegal. *Int J Environ Res Public Health*. 2022 Dec 16;19(24):16912. doi: 10.3390/ijerph192416912. PMID: 36554793; PMCID: PMC9779395.

**Type: OPEN ACCESS**

**Domaine: Virologie, Santé Publique, Science des données**

35. Diouf EH, Diouf M, Dieme C, Swamidoss I, **Ngom EHM**, Senghor MW, Mbaye M, Konaté A, Coulibaly Y, Tine D, **Dia I**, Dotson EM, **Faye O**, Konaté L. Evaluation of the residual efficacy and physical durability of five long-lasting insecticidal nets (LLINs) in Senegal. *Malar J*. 2022 Jul 2;21(1):210. doi: 10.1186/s12936-022-04230-6. PMID: 35780153; PMCID: PMC9250169.

**Type: OPEN ACCESS**

**Domaine: Zoologie Médicale**

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**Domaine: Virologie, Zoologie Médicale, Santé Publique**

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**Domaine: Zoologie Médicale**

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**Domaine: Virologie**

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**Domaine: Science des données**

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**Domaine: Science des données**

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**Domaine: Virologie, Zoologie Médicale, Santé Publique**

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**Domaine: Virologie**