

## PUBLICATIONS

Evolution of the pyrethroids target-site resistance mechanisms in Senegal: Early stage of the kdr-1014F allele replacement by kdr-1014S

Moussa Diallo, Majidah Hamid-Adiamoh, Ousmane Sy, Pape Cheikh Sarr, Jarra Manneh, Mamadou Ousmane Ndiath, **Oumar Gaye**, Ousmane Faye, Lassana Konaté, Abdul Karim Sesay, Benoit Sessinou Assogba \*, El Hadji Amadou Niang  
Genes 12(12):194 DOI: December 2021 [10.3390/genes12121948](https://doi.org/10.3390/genes12121948)

Detection of kdr and ace-1 mutations in wild populations of *Anopheles arabiensis* and *An. melas* in a residual malaria transmission area of Senegal

O Sy<sup>1</sup>, P C Sarr<sup>2</sup>, B S Assogba<sup>3</sup>, M Ndiaye<sup>4</sup>, A K Dia<sup>2</sup>, A Ndiaye<sup>2</sup>, M A Nouridine<sup>2</sup>, O K Guèye<sup>2</sup>, L Konaté<sup>2</sup>, **O Gaye<sup>4</sup>**, O Faye<sup>2</sup>, E A Niang<sup>2</sup>—Pestic Biochem Physiol 2021 Mar;173:104783

Mapping the breeding sites of *Anopheles gambiae* s. l. in areas of residual malaria transmission in central western Senegal

Assane Ndiaye<sup>1</sup>, El Hadji Amadou Niang<sup>2</sup>, Aminata Niang Diène<sup>1</sup>, Mohamed Abderemane Nouridine<sup>2,3</sup>, Pape Cheikh Sarr<sup>2,3</sup>, Lassana Konaté<sup>2</sup>, Ousmane Faye<sup>2</sup>, **Oumar Gaye<sup>3</sup>**, Ousmane Sy<sup>2</sup> *PLoS One* 2020 Dec 11;15(12)

Enhancing science preparedness for health emergencies in Africa through research capacity building

Sam Kinyanjui<sup>1,2</sup>, Sharon Fonn<sup>3</sup>, Catherine Kyobutungi<sup>4</sup>, Marta Vicente-Crespo<sup>4</sup>, Bassirou Bonfoh<sup>5</sup>, Thumbi Ndungu<sup>6</sup>, Nelson Kaulukusi Sewankambo<sup>7</sup>, Abdoulaye A Djimde<sup>8</sup>, **Oumar Gaye<sup>9</sup>**, Tobias Chirwa<sup>10</sup>, Eustasius Musenge<sup>11</sup>, Alison Elliot<sup>12,13</sup>, Damalie Nakanjako<sup>7</sup>, Dixon Chibanda<sup>14</sup>, Gordon Awandare<sup>15</sup> *BMJ Glob Health* 2020 Jul;5(7)

Insecticides susceptibility of *An. melas* and its morphological discrimination with its sympatric siblings using the biometric palps technique

Sy, O., Nouridine, M. A., Ndiaye, M., Dia, A. K., Samb, B., Ndiaye, A., Sarr, P. C., Guèye, O. K., Konaté, L., **Gaye, O.**, Faye, O., Niang, E. A. *International Journal of Tropical Insect Science*, 2020

Insecticide Resistance Profiling of *Anopheles coluzzii* and *Anopheles gambiae* Populations in the Southern Senegal: Role of Target Sites and Metabolic Resistance Mechanisms.

Gueye OK, Tchouakui M, Dia AK, Faye MB, Ahmed AA, Wondji MJ, Nguiffo DN, Mugenzi LMJ, Tripet F, Konaté L, Diabate A, Dia I, **Gaye O**, Faye O, Niang EHA, Wondji CS.  
Genes (Basel). 2020 Nov 25;11(12):1403. doi: 10.3390/genes11121403.PMID: 33255805

The role of Research, Training and Partnership to face challenges for the elimination of parasitic diseases in Africa.

**O.Gaye**

*Bull.Soc.Pathol.Exot.*(2019)112:220-239

Evaluation of the effectiveness of a targeted community-based IRS approach for malaria elimination in an area of low malaria transmission of the Central-Western Senegal

Sy O, Niang EHA, Diallo A, Assane Ndiaye, Lassana Konaté, El Hadji Conco Ciré Ba, Fassiath Tairou, Badara Cissé, **Oumar Gaye**, Paul Milligan, Ousmane Faye .  
*Parasite Epidemiol Cont*, 2019 <https://doi.org/10.1016/j.parepi.2019.e00109>

Seasonal malaria chemoprevention combined with community case management of malaria in children under 10 years of age, in south-east Senegal: A cluster-randomised trial

Jean Louis A Ndiaye<sup>1</sup>, Youssoupha Ndiaye<sup>2</sup>, Mamadou S Ba<sup>1</sup>, Babacar Faye<sup>1</sup>, Maguette Ndiaye<sup>1</sup>, Amadou Seck<sup>1</sup>, Roger Tine<sup>1</sup>, Pape Moussa Thior<sup>2</sup>, Sharanjeet Atwal<sup>3</sup>, Khalid Beshir<sup>3</sup>, Colin Sutherland<sup>3</sup>, **Oumar Gaye<sup>1</sup>**, Paul Milligan<sup>3</sup>

PLoS Med 2019 Mar 13;16(3)

There should be a World Health Assembly resolution for malaria eradication

**Gaye O**

Malar J 2019 PMID Malaria Journal

Competing risk events in antimalarial drug trials in uncomplicated Plasmodium falciparum malaria: a WorldWide Antimalarial Resistance Network individual participant data meta-analysis.

WorldWide Antimalarial Resistance Network Methodology Study Group. Malar J. 2019 Jul 5;18(1):225. doi: 10.1186/s12936-019-2837-4. PMID: 31277713

Upper respiratory infections in a rural area with reduced malaria transmission in Senegal: a pathogens community study.

Tine RC, Ndiaye LA, Niang MN, Kiori DE, Dia N, **Gaye O**, Broutin H.

BMC Infect Dis. 2018 Sep 10;18(1):459. doi: 10.1186/s12879-018-3362-8.

Secondary analysis and participation of those at the data source.

Merson L, Guérin PJ, Barnes KI, Ntoumi F, **Gaye O**.

Lancet Glob Health. 2018 Sep;6(9):e965. doi: 10.1016/S2214-109X (18)30341-3.

Evaluation of Two Strategies for Community-Based Safety Monitoring during Seasonal Malaria Chemoprevention Campaigns in Senegal, Compared with the National Spontaneous Reporting System.

Ndiaye JA, Diallo I, NDiaye Y, Kouevidjin E, Aw I, Tairou F, Ndoye T, Halleux CM, Manga I, Dieme MN, Ndiop M, Faye B, Olliaro P, Merle CS, **Gaye O**, Milligan P.

Pharmaceut Med. 2018;32(3):189-200. doi: 10.1007/s40290-018-0232-z. Epub 2018 Jun .

Author Correction: Implementation, coverage and equity of large-scale door-to-door delivery of Seasonal Malaria Chemoprevention (SMC) to children under 10 in Senegal.

Bâ EH, Pitt C, Dial Y, Faye SL, Cairns M, Faye E, Ndiaye M, Gomis JF, Faye B, Ndiaye JL, Sokhna C, **Gaye O**, Cissé B, Milligan P.

Sci Rep. 2018 May 1;8(1):7088. doi: 10.1038/s41598-018-25426-4.

Supporting capacity for research on malaria in Africa.

Greenwood B, **Gaye O**, Kanya MR, Kibiki G, Mwapasa V, Phiri KS, Tagbor H, Terlouw D, Bates I, Craig A, Magnussen P, Theander TG, Bhasin A, McCullough H, Schellenberg D.

BMJ Glob Health. 2018 Apr 12;3(2):e000723. doi: 0.1136/bmjgh-2018-000723.

Entomological impact of indoor residual spraying with pirimiphos-methyl: a pilot study in an area of low malaria transmission in Senegal.

Sy O, Niang EHA, Ndiaye M, Konaté L, Diallo A, Ba ECC, Tairou F, Diouf E, Cissé B, **Gaye O**, Faye O. *Malar J*. 2018 Feb 5;17(1):64. doi: 10.1186/s12936-018-2212-x.

Implementation, coverage and equity of large-scale door-to-door delivery of Seasonal Malaria Chemoprevention (SMC) to children under 10 in Senegal.

Bâ EH, Pitt C, Dial Y, Faye SL, Cairns M, Faye E, Ndiaye M, Gomis JF, Faye B, Ndiaye JL, Sokhna C, **Gaye O**, Cissé B, Milligan P.

*Sci Rep*. 2018 Apr 3;8(1):5489. doi: 10.1038/s41598-018-23878-2.PMID: 29615763

Factors influencing the use of malaria prevention strategies by women in Senegal: a cross-sectional study.

Mbengue MAS, Bei AK, Mboup A, Ahouidi A, Sarr M, Mboup S, **Gaye O**.

*Malar J*. 2017 Nov 21;16(1):470. doi: 10.1186/s12936-017-2095-2.

Country-Wide Surveillance of Molecular Markers of Antimalarial Drug Resistance in Senegal by Use of Positive Malaria Rapid Diagnostic Tests.

Ndiaye M, Sow D, Nag S, Sylla K, Tine RC, Ndiaye JL, Lo AC, **Gaye O**, Faye B, Alifrangis  
*Am J Trop Med Hyg*. 2017 Nov;97(5):1593-1596. doi: 10.4269/ajtmh.17-0021.

Large-scale delivery of seasonal malaria chemoprevention to children under 10 in Senegal: an economic analysis.

Pitt C, Ndiaye M, Conteh L, Sy O, Hadj Ba E, Cissé B, Gomis JF, **Gaye O**, Ndiaye JL, Milligan PJ. *Health Policy Plan*. 2017 Nov 1;32(9):1256-1266. doi: 10.1093/heapol/czx084.

Qualitative study to develop processes and tools for the assessment and tracking of African institutions' capacity for operational health research.

Wallis S, Cole DC, **Gaye O**, Mmbaga BT, Mwapasa V, Tagbor H, Bates I.

*BMJ Open*. 2017 Sep 5;7(9): e016660. doi: 10.1136/bmjopen-2017-016660.

Developing Research in Infectious and Tropical Diseases in Africa: The Paradigm of Senegal.  
Sokhna C, **Gaye O**, Doumbo O.

*Clin Infect Dis*. 2017 Aug 15;65(suppl\_1): S64-S69. doi: 10.1093/cid/cix347.

Comparison of Para-Selles Bailenger/Kop-Color Fumouze, Para-Selles-Iodésine/Kop-Color II Fumouze diagnostic kits with conventional microscopic methods in identifying intestinal parasitic diseases in Senegal.

Sow D, Dieng Y, Haouchine D, Niang K, Niang T, Sylla K, Tine RC, Ndiaye M, Ndiaye JL, Faye B, Faye O, **Gaye O**, Dieng T, Izri A.

*J Parasit Dis*. 2017 Sep;41(3):814-822. doi: 10.1007/s12639-017-0894-6. Epub 2017 Feb 28.

Performance of Real-Time Polymerase Chain Reaction Assays for the Detection of 20 Gastrointestinal Parasites in Clinical Samples from Senegal.

Sow D, Parola P, Sylla K, Ndiaye M, Delaunay P, Halfon P, Camiade S, Dieng T, Tine RCK, Faye B, Ndiaye JL, Dieng Y, **Gaye O**, Raoult D, Bittar F.

*Am J Trop Med Hyg*. 2017 Jul;97(1):173-182. doi: 10.4269/ajtmh.16-0781.

Safety and Efficacy of Adding a Single Low Dose of Primaquine to the Treatment of Adult Patients with Plasmodium falciparum Malaria in Senegal, to Reduce Gametocyte Carriage: A Randomized Controlled Trial.

Tine RC, Sylla K, Faye BT, Poirot E, Fall FB, Sow D, Wang D, Ndiaye M, Ndiaye JL, Faye B, Greenwood B, **Gaye O**, Milligan P.

Clin Infect Dis. 2017 Aug 15;65(4):535-543. doi: 10.1093/cid/cix355.

Assessment of Efficacy and Safety of Arterolane Maleate-Piperaquine Phosphate Dispersible Tablets in Comparison With Artemether-Lumefantrine Dispersible Tablets in Pediatric Patients With Acute Uncomplicated Plasmodium falciparum Malaria: A Phase 3, Randomized, Multicenter Trial in India and Africa.

Toure OA, Mwapasa V, Sagara I, **Gaye O**, Thompson R, Maheshwar AV, Mishra P, Behra N, Tshetu AK, Das RR, Anvikar AR, Sharma P, Roy A, Sharma SK, Nasa A, Jalali RK, Valecha N; Arterolane Maleate-Piperaquine Phosphate (AM-PQP) Study Team.

Clin Infect Dis. 2017 Oct 30;65(10):1711-1720. doi: 10.1093/cid/cix617.PMID: 29020247

Safety, Immunogenicity and efficacy of Prime-Boost Vaccination with ChAd63 and MVA encoding ME-TRAP against *Plasmodium falciparum* Infection in adults in Senegal  
Mensah VA, Gueye A, Ndiaye M, Edwards NJ, Wright D, Anagnostou NA, Syll M, Ndaw A, Abiola A, Bliss C, Gomis JF, Petersen I, Ogwang C, Dieye T, Viebig NK, Lawrie AM, Roberts R, Nicosia A, Faye B, **Gaye O**, Leroy O, Imoukhuede EB, Ewer KJ, Bejon P, Hill AV, Cisse B; MVVC group.

*PLoS One.* 2016 Dec 15;11(12):

Effectiveness of Seasonal Malaria Chemoprevention in Children under Ten Years of Age in Senegal: A Stepped-Wedge Cluster-Randomised Trial.

Cissé B, Ba EH, Sokhna C, NDiaye JL, Gomis JF, Dial Y, Pitt C, NDiaye M, Cairns M, Faye E, NDiaye M, Lo A, Tine R, Faye S, Faye B, Sy O, Konate L, Kouevijdin E, Flach C, Faye O, Trape JF, Sutherland C, Fall FB, Thior PM, Faye OK, Greenwood B, **Gaye O**, Milligan P.*PLoS Med.* 2016 Nov 22;13(11): Nov.

Genome-wide association study of antibody responses to Plasmodium falciparum candidate vaccine antigens.

Milet J, Sabbagh A, Migot-Nabias F, Luty AJ, **Gaye O**, Garcia A, Courtin D.

Genes Immun. 2016 Mar;17(2):110-7. doi: 10.1038/gene.2015.59. Epub 2016 Jan 7.PMID: 26741287

A Phase 3, Double-Blind, Randomized Study of Arterolane Maleate-Piperaquine Phosphate vs Artemether-Lumefantrine for Falciparum Malaria in Adolescent and Adult Patients in Asia and Africa.

Toure OA, Valecha N, Tshetu AK, Thompson R, Krudsood S, **Gaye O**, Rao BHK, Sagara I, Bose TK, Mohanty S, Rao BS, Anvikar AR, Mwapasa V, Noedl H, Arora S, Roy A, Iyer SS, Sharma P, Saha N, Jalali RK; AM-PQP Study Team, Tiacoh L, Enosse S, Tangpukdee N, Kokolomami J, Ndiaye JL, Rao D, Yumva NN, Sidibe B, Mohanty R, Jha AC, Nyirenda M, Starzengruber P, Swoboda P.

Clin Infect Dis. 2016 Apr 15;62(8):964-971. doi: 10.1093/cid/ciw029. Epub 2016 Feb 21.PMID: 26908796

Evaluation of the efficacy and safety of three 2-drug combinations for the treatment of uncomplicated *Plasmodium falciparum* malaria in Senegal: artesunate-amodiaquine, dihydroartemisinin-piperaquine, and artemether-lumefantrine

D Sow<sup>1</sup>, J-L Ndiaye<sup>1</sup>, K Sylla<sup>1</sup>, M S Ba<sup>1</sup>, R C K Tine<sup>1</sup>, B Faye<sup>1</sup>, M Pene<sup>1</sup>, M Ndiaye<sup>1</sup>, A Seck<sup>2</sup>, A C Lo<sup>1</sup>, A Abiola<sup>1</sup>, Y Dieng<sup>1</sup>, **O Gaye<sup>1</sup>** *Med Sante Trop* Jan-Mar 2016;26(1):45-50. doi: 10.1684/mst.2015.0524.

Avoiding Data Dumpsters--Toward Equitable and Useful Data Sharing Merson L, **Gaye O**, Guerin PJ. *N Engl J Med*. 2016 Jun 23;374(25):2414-5.

Gametocyte carriage in uncomplicated *Plasmodium falciparum* malaria following treatment with artemisinin combination therapy: a systematic review and meta-analysis of individual patient data.

WWARN Gametocyte Study Group.

*BMC Med*. 2016 May 24;14:79. doi: 10.1186/s12916-016-0621-7.PMID: 27221542

Pneumocystis pneumonia biological diagnosis at Fann Teaching Hospital in Dakar, Senegal].

Dieng Y, Dieng T, Sow D, Wlouhou S, Sylla K, Tine R, Ndiaye M, Ndiaye JL, Faye B, Faye O, **Gaye O**.

*J Mycol Med*. 2016 Mar;26(1):56-60. doi: 10.1016/j.mycmed.2015.12.001. Epub 2016 Jan 11.PMID: 26791746

Efficacy of sulfadoxine-pyrimethamine for the treatment of uncomplicated *falciparum* malaria in southern Mauritania.

Ouldabdallahi MM, Sarr O, Basco LK, Lebatt SM, Lo B, **Gaye O**.

*Med Sante Trop*. 2016 Aug 1;26(3):297-301. doi: 10.1684/mst.2016.0578.PMID: 27694087

First insights into the genetic diversity and origin of *Leishmania infantum* in Mont Rolland (Thiès region, Senegal).

Cassan C, Dione MM, Dereure J, Diedhiou S, Bucheton B, Hide M, Kako C, **Gaye O**,

Senghor M, Niang AA, Bañuls AL, Faye B. *Microbes Infect*. 2016 Jun;18(6):412-420. doi: 10.1016/j.micinf.2016.02.003. Epub 2016 Mar 3.PMID: 26945844

[Identification of anopheles breeding sites in the residual foci of low malaria transmission «hotspots» in Central and Western Senegal].

Sy O, Konaté L, Ndiaye A, Dia I, Diallo A, Taïrou F, Bâ EL, Gomis JF, Ndiaye JL, Cissé B, **Gaye O**, Faye O.

*Bull Soc Pathol Exot*. 2016 Feb;109(1):31-8. doi: 10.1007/s13149-016-0469-2. Epub 2016 Jan 28.PMID: 26830896

Correction: Safety of Seasonal Malaria Chemoprevention (SMC) with Sulfadoxine-Pyrimethamine plus Amodiaquine when Delivered to Children under 10 Years of Age by District Health Services in Senegal: Results from a Stepped-Wedge Cluster Randomized Trial.

Ndiaye JL, Cissé B, Ba EH, Gomis JF, Ndour CT, Molez JF, Fall FB, Sokhna C, Faye B, Kouevijdin E, Niane FK, Cairns M, Trape JF, Rogier C, **Gaye O**, Greenwood BM, Milligan PJ.

*PLoS One*. 2016 Dec 8;11(12):e0168421. doi: 10.1371/journal.pone.0168421. eCollection 2016.PMID: 27930741 )

Transmission of Leishmania infantum in the Canine Leishmaniasis Focus of Mont-Rolland, Senegal: Ecological, Parasitological and Molecular Evidence for a Possible Role of Sergentomyia Sand Flies.

Senghor MW, Niang AA, Depaquit J, Ferté H, Faye MN, Elguero E, **Gaye O**, Alten B, Perktas U, Cassan C, Faye B, Bañuls AL. PLoS Negl Trop Dis. 2016 Nov 2;10(11):e0004940. doi: 10.1371/journal.pntd.0004940. eCollection 2016 Nov. PMID: 27806051

Application of geographically-weighted regression analysis to assess risk factors for malaria hotspots in Keur Soce health and demographic surveillance site.

Ndiath MM, Cisse B, Ndiaye JL, Gomis JF, Bathiery O, Dia AT, **Gaye O**, Faye B. *Malar J*. 2015 Nov 18;14(1):463.

The effect of dose on the antimalarial efficacy of artemether-lumefantrine: a systematic review and pooled analysis of individual patient data Worldwide Antimalarial Resistance Network (WWARN) AL Dose Impact Study Group *Lancet Infect Dis* 2015 Jun;15(6):692-702. doi: 10.1016/S1473-3099(15)70024-1. Epub 2015 Mar 16

Usefulness of MALDI-TOF Mass Spectrometry for Routine Identification of Candida Species in a Resource-Poor Setting.

Sow D, Fall B, Ndiaye M, Ba BS, Sylla K, Tine R, Lô AC, Abiola A, Wade B, Dieng T, Dieng Y, Ndiaye JL, Hennequin C, **Gaye O**, Faye B.<sup>^</sup>

*Mycopathologia*. 2015 Oct;180(3-4):173-9. doi: 10.1007/s11046-015-9905-2. Epub 2015 May 28. PMID: 26016846

Potential Impact of Seasonal Malaria Chemoprevention on the Acquisition of Antibodies Against Glutamate-Rich Protein and Apical Membrane Antigen 1 in Children Living in Southern Senegal.

Ndiaye M, Sylla K, Sow D, Tine R, Faye B, Ndiaye JL, Dieng Y, Lo AC, Abiola A, Cisse B, Ndiaye D, Theisen M, **Gaye O**, Alifrangis M.

*Am J Trop Med Hyg*. 2015 Oct;93(4):798-800. doi: 10.4269/ajtmh.14-0808. Epub 2015 Aug 17. PMID: 26283746

Sero-epidemiological evaluation of Plasmodium falciparum malaria in Senegal.

Sylla K, Tine RC, Ndiaye M, Sow D, Sarr A, Mbuyi ML, Diouf I, Lô AC, Abiola A, Seck MC, Ndiaye M, Badiane AS, N'Diaye JL, Ndiaye D, Faye O, Dieng T, Dieng Y, Ndir O, **Gaye O**, Faye B.

*Malar J*. 2015 Jul 16;14:275. doi: 10.1186/s12936-015-0789-x. PMID: 26173958

Acceptability of indoor residual spraying in the Central-Western of Senegal.

Sy O, Cisse B, Tairou F, Diallo A, Ba E, Gomis JF, NDiaye JL, Konaté L, **Gaye O**, Milligan P, Faye O.

*Bull Soc Pathol Exot*. 2015 Aug;108(3):213-7. doi: 10.1007/s13149-015-0431-8. Epub 2015 Apr 14. PMID: 25877132

The effect of dosing strategies on the therapeutic efficacy of artesunate-amodiaquine for uncomplicated malaria: a meta-analysis of individual patient data.

WorldWide Antimalarial Resistance Network (WWARN) AS-AQ Study Group, Adjuk MA, Allan R, Anvikar AR, Ashley EA, Ba MS, Barennes H, Barnes KI, Bassat Q, Baudin E, Björkman A, Bompart F, Bonnet M, Borrmann S, Brasseur P, Bukirwa H, Checchi F, Cot M, Dahal P, D'Alessandro U, Deloron P, Desai M, Diap G, Djimde AA, Dorsey G, Doumbo OK, Espié E, Etard JF, Fanello CI, Faucher JF, Faye B, Flegg JA, **Gaye O**, Gething PW, González R, Grandesso F, Guerin PJ, Guthmann JP, Hamour S, Hasugian AR, Hay SI, Humphreys GS, Jullien V, Juma E, Kamya MR, Karema C, Kiechel JR, Kreamsner PG, Krishna S, Lameyre V, Ibrahim LM, Lee SJ, Lell B, Mårtensson A, Massougbdji A, Menan H, Ménard D, Menéndez C, Meremikwu M, Moreira C, Nabasumba C, Nambozi M, Ndiaye JL, Nikiema F, Nsanzabana C, Ntoumi F, Ogutu BR, Olliaro P, Osorio L, Ouédraogo JB, Penali LK, Pene M, Pinoges L, Piola P, Price RN, Roper C, Rosenthal PJ, Rwagacondo CE, Same-Ekobo A, Schramm B, Seck A, Sharma B, Sibley CH, Sinou V, Sirima SB, Smith JJ, Smithuis F, Somé FA, Sow D, Staedke SG, Stepniewska K, Swarthout TD, Sylla K, Talisuna AO, Tarning J, Taylor WR, Temu EA, Thwing JI, Tjitra E, Tine RC, Tinto H, Vaillant MT, Valecha N, Van den Broek I, White NJ, Yeka A, Zongo I. *BMC Med.* 2015 Mar 31;13:66. doi: 10.1186/s12916-015-0301-z. PMID: 25888957

Profile of cytokines associated with protection against malaria episodes during pregnancy in hypo-endemic area in Senegal.

Ndiaye M, Ndiaye JL, Tine R, Sylla K, Faye B, Diouf I, Sow D, Lo AC, Abiola A, Dieng Y, **Gaye O**. *Bull Soc Pathol Exot.* 2014 Aug;107(3):159-64.

Polymorphism of the merozoite surface protein-1 block 2 region in *Plasmodium falciparum* isolates from Mauritania.

Ahmedou Salem MS, Ndiaye M, OuldAbdallahi M, Lekweiry KM, Bogreau H, Konaté L, Faye B, **Gaye O**, Faye O, Mohamed Salem O Boukhary AO. *Malar J.* 2014 Jan 23;13:26. doi: 10.1186/1475-2875-13-26.

Feasibility, safety and effectiveness of combining home based malaria management and seasonal malaria chemoprevention in children less than 10 years in Senegal: a cluster-randomised trial.

Tine RC, Ndour CT, Faye B, Cairns M, Sylla K, Ndiaye M, Ndiaye JL, Sow D, Cisse B, Magnussen P, Bygbjerg IC, **Gaye O**. *Trans R Soc Trop Med Hyg.* 2014 Jan;108(1):13-21. doi: 10.1093/trstmh/trt103.

Identifying malaria hotspots in Keur Soce health and demographic surveillance site in context of low transmission.

Ndiath M, Faye B, Cisse B, Ndiaye JL, Gomis JF, Dia AT, **Gaye O**. *Malar J.* 2014 Nov 24;13:453. doi: 10.1186/1475-2875-13-453. PMID: 25418476

Acceptability by community health workers in Senegal of combining community case management of malaria and seasonal malaria chemoprevention.

Tine RC, Ndiaye P, Ndour CT, Faye B, Ndiaye JL, Sylla K, Ndiaye M, Cisse B, Sow D, Magnussen P, Bygbjerg IC, **Gaye O**. *Malar J.* 2013 Dec 30;12:467. doi: 10.1186/1475-2875-12-467.

Monitoring the efficacy and safety of three artemisinin based-combinations therapies in Senegal: results from two years surveillance.

Sylla K, Abiola A, Tine RC, Faye B, Sow D, Ndiaye JL, Ndiaye M, Lo AC, Folly K, Ndiaye LA, **Gaye O**. *BMC Infect Dis.* 2013 Dec 20;13:598. doi: 10.1186/1471-2334-13-598.

□ The effect of dosing regimens on the antimalarial efficacy of dihydroartemisinin-piperaquine: a pooled analysis of individual patient data.

WorldWide Antimalarial Resistance Network (WWARN) DP Study Group.

PLoS Med. 2013 Dec;10(12):e1001564;

Feasibility, safety and effectiveness of combining home based malaria management and seasonal malaria chemoprevention in children less than 10 years in Senegal: a cluster-randomised trial.

Tine RC, Ndour CT, Faye B, Cairns M, Sylla K, Ndiaye M, Ndiaye JL, Sow D, Cisse B, Magnussen P, Bygbjerg IC, **Gaye O**.

Trans R Soc Trop Med Hyg. 2014 Jan;108(1):13-21. doi: 10.1093/trstmh/trt103. Epub 2013 Dec 1.

Cryptococcal meningitis in senegal: epidemiology, laboratory findings, therapeutic and outcome of cases diagnosed from 2004 to 2011.

Doudou Sow; Khadime Sylla; Roger Clément Tine; Therese Dieng; Mansata Djiba; Babacar Faye; **Oumar Gaye**; Daouda Ndiaye; Jean-Louis Ndiaye; Cheikh Tidiane Ndour; Yemou Dieng

Mycopathologia 2013;176(5-6):443-9.

Cryptosporidiosis in Senegalese children: prevalence study and use of ELISA serologic diagnosis].

Babacar Faye; Ousmane Faye; A S Badiane; Therese Dieng; Yemou Dieng; L Diouf; Daouda Ndiaye; Jean-Louis Ndiaye; M Ndiaye; M Ndiaye; Omar Ndir; M C Seck; D Sow; K Sylla; R C Tine; **Oumar Gaye**

Bulletin de la Société de pathologie exotique (1990) 2013;106(4):258-63.

Selection of antimalarial drug resistance after intermittent preventive treatment of infants and children (IPTi/c) in Senegal.

Magatte Ndiaye; Khadime Sylla; Roger Tine; Annie Abiola; Yemou Dieng; Babacar Faye; **Oumar Gaye**; Rachel Hallett; Ami Colle Lo; Daouda Ndiaye; Jean-Louis Ndiaye; Michael Alifrangis

The American journal of tropical medicine and hygiene 2013;88(6):1124-9.

Selection of antimalarial drug resistance after intermittent preventive treatment of infants and children (IPTi/c) in Senegal

Magatte Ndiaye; Khadime Sylla; Roger Tine; Rachel Hallett; Aminata C Lo; Jean-Louis Ndiaye; Michael Alifrangis; Yemou Dieng; Ibrahima Diouf; Babacar Faye; **Oumar Gaye**

Comptes rendus biologiques 2013;336(5-6):295-300.

Community case management in malaria: review and perspectives after four years of operational experience in Saraya district, south-east Senegal.

Youssoupha Ndiaye; Doudou Sene; Pape M Thior; Jonas Bassene; Demetri Blanas; Mamoudou Bocoum; Badara Cisse; Sylvain L Faye; **Oumar Gaye**; Isaac A Manga; Paul Milligan; Mansour Ndiath; Jean-Louis Ndiaye; Mouhamed Ndiaye; David Schellenberg

Malaria journal 2013;12():240.



Prevalence of molecular markers of drug resistance in an area of seasonal malaria chemoprevention in children in Senegal.

Aminata C Lo; Paul Milligan; Daouda Ndiaye; Jean-Louis Ndiaye; Magatte Ndiaye; Omar Ndir; Cheikh Sokhna; Colin Sutherland; Roger Tine; Annie Abiola; El-Hadj Ba; Matthew Cairns; Badara Cisse; Yemou Dieng; Babacar Faye; Ousmane Faye; Jules F Gomis; Rachel Hallett; **Oumar Gaye**

Malaria journal 2013;12():137.

Accuracy of HRP2 RDT (Malaria Antigen P.f®) compared to microscopy and PCR for malaria diagnosis in Senegal.

Faye B, Nath-Chowdhury M, Tine RC, Ndiaye JL, Sylla K, Camargo FW, Martel N, Foly K, Lô AC, Abiola A, Sow D, Ndiaye M, Ndiaye D, Ndao M, **Gaye O**

.Pathog Glob Health. 2013 Jul;107(5):273-8. doi: 10.1179/2047773213Y.

Surveillance of travellers: an additional tool for tracking antimalarial drug resistance in endemic countries.

Gharbi M, Flegg JA, Pradines B, Berenger A, Ndiaye M, Djimdé AA, Roper C, Hubert V, Kendjo E, Venkatesan M, Brasseur P, **Gaye O**, Offianan AT, Penali L, Le Bras J, Guérin PJ; Members of the French National Reference Center for Imported Malaria Study.

PLoS One. 2013 Oct 30;8(10):e77775. doi: 10.1371/journal.pone.0077775. eCollection 2013.PMID: 24204960

Safety monitoring of artemisinin combination therapy through a national pharmacovigilance system in an endemic malaria setting.

Thiam S, Ndiaye JL, Diallo I, Gatonga P, Fall FB, Diallo NE, Faye B, Diouf ML, Ndiop M, Diouf MB, **Gaye O**, Thior M.

Malar J. 2013 Feb 5;12:54. doi: 10.1186/1475-2875-12-54.PMID: 23384036

Parasitic Infections among Children under Five Years in Senegal: Prevalence and Effect on Anaemia and Nutritional Status.

Tine RC, Faye B, Ndour CT, Sylla K, Sow D, Ndiaye M, Ndiaye JL, Magnussen P, Alifrangis M, Bygbjerg IC, **Gaye O**.

ISRN Parasitol. 2013 Dec 26;2013:272701. doi: 10.5402/2013/272701. eCollection 2013.PMID: 27335851

Probabilistic record linkage for monitoring the safety of artemisinin-based combination therapy in the first trimester of pregnancy in Senegal.

Dellicour S, Brasseur P, Thorn P, **Gaye O**, Olliaro P, Badiane M, Stergachis A, ter Kuile FO .Drug Saf. 2013 Jul;36(7):505-13. doi: 10.1007/s40264-013-0059-1.PMID: 23673815

Assessment of the molecular marker of Plasmodium falciparum chloroquine resistance (Pfcr) in Senegal after several years of chloroquine withdrawal.

Magatte Ndiaye; Roger Tine; Annie Abiola; Michael Alifrangis; Yemou Dieng; Babacar Faye; Rachel Hallett; Aminata Lo; Daouda Ndiaye; Jean-Louis Ndiaye; **Oumar Gaye**

The American journal of tropical medicine and hygiene 2012;87(4):640-5.

Multicentre study evaluating the non-inferiority of the new paediatric formulation of artesunate/amodiaquine versus artemether/lumefantrine for the management of uncomplicated Plasmodium falciparum malaria in children in Cameroon, Ivory Coast and Senegal.

Babacar Faye; Ousmane Faye; **Oumar Gaye**; Claude A Kakpo; Christiane P Kiki-Barro; Thomas Kuété; Jean-Louis Ndiaye; Thérèse Nkoa; Albert Same-Ekobo; Khadime Sylla; Roger C Tine; Hervé El Menan; Koné Moussa

Malaria journal 2012;11():433.

Efficacy and tolerability of a new formulation of artesunate-mefloquine for the treatment of uncomplicated malaria in adult in Senegal: open randomized trial.

Roger C K Tine; Annie Abiola; Mamadou C Ba; Babacar Faye; Aminata C Lo; Jean-Louis Ndiaye; Magatte Ndiaye; Doudou Sow; Khadime Sylla; **Oumar Gaye**

Malaria journal 2012;11():416.

The association between malaria parasitaemia, erythrocyte polymorphisms, malnutrition and anaemia in children less than 10 years in Senegal: a case control study.

Roger C K Tine; Michael Alifrangis; Ib C Bygbjerg; Babacar Faye; Helle Holm Hansson; Pascal Magnussen; Jean-Louis Ndiaye; Magatte Ndiaye; Cheikh T Ndour; K Sylla; **Oumar Gaye**

BMC research notes 2012;5():565.

[Identification of three Candida africana strains in Senegal].

Dieng Y, Sow D, Ndiaye M, Guichet E, Faye B, Tine R, Lo A, Sylla K, Ndiaye M, Abiola A, Dieng T, Ndiaye JL, Le Pape P, **Gaye O**. J Mycol Med. 2012 Dec;22(4):335-40. doi: 10.1016/j.mycmed.2012.07.052. Epub 2012 Oct 23. PMID: 23518168

Estimating the burden of malaria in Senegal: Bayesian zero-inflated binomial geostatistical modeling of the MIS 2008 data.

Giardina F, Gosoni L, Konate L, Diouf MB, Perry R, **Gaye O**, Faye O, Vounatsou P. PLoS One. 2012;7(3):e32625. doi: 10.1371/journal.pone.0032625. Epub 2012 Mar 5. PMID: 22403684

Sahel, savana, riverine and urban malaria in West Africa: Similar control policies with different outcomes.

Ceesay SJ, Bojang KA, Nwakanma D, Conway DJ, Koita OA, Doumbia SO, Ndiaye D, Coulibaly TF, Diakitè M, Traoré SF, Coulibaly M, Ndiaye JL, Sarr O, **Gaye O**, Konaté L, Sy N, Faye B, Faye O, Sogoba N, Jawara M, Dao A, Poudiougou B, Diawara S, Okebe J, Sangaré L, Abubakar I, Sissako A, Diarra A, Kéita M, Kandeh B, Long CA, Fairhurst RM, Duraisingh M, Perry R, Muskavitch MA, Valim C, Volkman SK, Wirth DF, Krogstad DJ. Acta Trop. 2012 Mar;121(3):166-74. doi: 10.1016/j.actatropica.2011.11.005. Epub 2011 Nov 19. PMID: 22119584

Malaria rapid diagnostic test transport and storage conditions in Burkina Faso, Senegal, Ethiopia and the Philippines.

Albertini A, Lee E, Coulibaly SO, Sleshi M, Faye B, Mationg ML, Ouedraogo K, Tsadik AG, Feleke SM, Diallo I, **Gaye O**, Luchavez J, Bennett J, Bell D.

Malar J. 2012 Dec 6;11:406. doi: 10.1186/1475-2875-11-406. PMID: 23217104

Improving malaria control in West Africa: interruption of transmission as a paradigm shift.

Doumbia SO, Ndiaye D, Koita OA, Diakité M, Nwakanma D, Coulibaly M, Traoré SF, Keating J, Milner DA Jr, Ndiaye JL, Sene PD, Ahouidi A, Dieye TN, **Gaye O**, Okebe J, Ceesay SJ, Ngwa A, Oriero EC, Konaté L, Sy N, Jawara M, Faye O, Kéita M, Cissé M, Sogoba N, Poudiougou B, Diawara S, Sangaré L, Coulibaly T, Seck I, Abubakar I, Gomis J, Mather FJ, Sissako A, Diarra A, Kandeh B, Whalen C, Moyer B, Nnedu O, Thiero O, Bei AK, Daniels R, Miura K, Long CA, Fairhurst RM, Duraisingh M, Muskavitch MA, D'Alessandro U, Conway DJ, Volkman SK, Valim C, Wirth DF, Krogstad DJ. *Acta Trop.* 2012 Mar;121(3):175-83. doi: 10.1016/j.actatropica.2011.11.009. Epub 2011 Nov 28. PMID: 22142790

[Effect of intermittent presumptive treatment with sulfadoxine-pyrimethamine on the acquisition of anti-*VAR2CSA* antibodies in pregnant women living in a hypoendemic area in Senegal].

Ibrahima Diouf; Babacar Faye; Ousmane Faye; Alioune Gaye; M L Mengue; Jean-Louis Ndiaye; K Sylla; R C K Tine; Yemou Dieng; **Oumar Gaye**  
*Bulletin de la Société de pathologie exotique* (1990) 2011;104(4):277-83.

Prevalence of molecular markers of *Plasmodium falciparum* resistance to sulfadoxine-pyrimethamine during the intermittent preventive treatment in infants coupled with the expanded program immunization in Senegal.

Babacar Faye; Abiola Annie; Alexandra De Sousa; Aminata Collé Lo; Jean-Louis Ndiaye; Mohamed Ndiaye; Magatte Ndiaye; Doudou Sow; Roger Clement Tine; **Oumar Gaye**  
*Parasitology research* 2011;109(1):133-8.

*Schistosoma haematobium* infection affects *Plasmodium falciparum*-specific IgG responses associated with protection against malaria.

David Courtin; A Djilali-Saïah; J Milet; V Soulard; **Oumar Gaye**; Florence Migot-Nabias; R Sauerwein; André Garcia; A J F Luty  
*Parasite immunology* 2011;33(2):124-31.

Impact of combining intermittent preventive treatment with home management of malaria in children less than 10 years in a rural area of Senegal: a cluster randomized trial.

Roger C K Tine; Charlemagne Bassene; Ib C Bygbjerg; Babacar Faye; Pascal Magnussen; Jean-Louis Ndiaye; Magatte Ndiaye; Cheikh T Ndour; Jacques D Ndour; Khadim Sylla; **Oumar Gaye**  
*Malaria journal* 2011;10():358.

Repeated treatment of recurrent uncomplicated *Plasmodium falciparum* malaria in Senegal with fixed-dose artesunate plus amodiaquine versus fixed-dose artemether plus lumefantrine: a randomized, open-label trial.

Jean-Louis Ndiaye; Corinne Tchania; Roger Tine; Aichatou Barry; Badara Cissé; Babacar Faye; AS Gueye; Valérie Lameyre; Daouda Ndiaye; Ibrahima Ndiaye; **Oumar Gaye**  
*Malaria journal* 2011;10():237.

A systematic review and meta-analysis of the efficacy and safety of intermittent preventive treatment of malaria in children (IPTc).

Wilson AL; IPTc Taskforce.

*PLoS One.* 2011 Feb 14;6(2):e16976. doi: 10.1371/journal.pone.0016976. PMID: 21340029

Assessing and strengthening African universities' capacity for doctoral programmes. Bates I, Phillips R, Martin-Peprah R, Kibiki G, **Gaye O**, Phiri K, Tagbor H, Purnell S. PLoS Med. 2011 Sep;8(9):e1001068. doi: 10.1371/journal.pmed.1001068. Epub 2011 Sep 13. PMID: 21931538

Major reduction in anti-malarial drug consumption in Senegal after nation-wide introduction of malaria rapid diagnostic tests.

Thiam S, Thior M, Faye B, Ndiop M, Diouf ML, Diouf MB, Diallo I, Fall FB, Ndiaye JL, Albertini A, Lee E, Jorgensen P, **Gaye O**, Bell D. PLoS One. 2011 Apr 6;6(4):e18419. doi: 10.1371/journal.pone.0018419. PMID: 21494674

Seroprevalence of Leishmania infantum in a rural area of Senegal: analysis of risk factors involved in transmission to humans.

Faye B, Bucheton B, Bañuls AL, Senghor MW, Niang AA, Diedhiou S, Konaté O, Dione MM, Hide M, Mellul S, Knecht R, Delaunay P, Marty P, **Gaye O**. Trans R Soc Trop Med Hyg. 2011 Jun;105(6):333-40. doi: 10.1016/j.trstmh.2011.02.009. Epub 2011 May 4. PMID: 21543098

Ecology of phlebotomine sand flies in the rural community of Mont Rolland (Thiès region, Senegal): area of transmission of canine leishmaniasis.

Senghor MW, Faye MN, Faye B, Diarra K, Elguero E, **Gaye O**, Bañuls AL, Niang AA. PLoS One. 2011 Mar 21;6(3):e14773. doi: 10.1371/journal.pone.0014773. PMID: 21445295

[Concomitant infection by Plasmodium falciparum and Schistosoma haematobium among school children in a rural area of Senegal].

Tine RC, Faye B, Ndiaye JL, Ndour CT, Brasseur P, Olliaro P, **Gaye O**. Med Mal Infect. 2011 Feb;41(2):112-4. doi: 10.1016/j.medmal.2010.09.015. Epub 2010 Dec 3. PMID: 21129869

Community screening and treatment of asymptomatic carriers of Plasmodium falciparum with artemether-lumefantrine to reduce malaria disease burden: a modelling and simulation analysis.

Kern SE, Tiono AB, Makanga M, Gbadoé AD, Premji Z, **Gaye O**, Sagara I, Ubben D, Cousin M, Oladiran F, Sander O, Ogutu B. Malar J. 2011 Jul 29;10:210. doi: 10.1186/1475-2875-10-210. PMID: 21801345

Efficacy and tolerability of artesunate-amodiaquine (Camoquin plus) versus artemether-lumefantrine (Coartem) against uncomplicated Plasmodium falciparum malaria: multisite trial in Senegal and Ivory Coast.

Faye B, Offianan AT, Ndiaye JL, Tine RC, Touré W, Djoman K, Sylla K, Ndiaye PS, Penali L, **Gaye O**. Trop Med Int Health. 2010 May;15(5):608-13. doi: 10.1111/j.1365-3156.2010.02487.x. Epub 2010 Mar 1. PMID: 20214761

Efficacy and safety of a fixed-dose oral combination of pyronaridine-artesunate compared with artemether-lumefantrine in children and adults with uncomplicated Plasmodium falciparum malaria: a randomised non-inferiority trial.

Antoinette K Tshefu; **Oumar Gaye**; Kassoum Kayentao; Ricardo Thompson; Kirana M Bhatt; Sanie S S Sesay; Dorina G Bustos; Emiliana Tjitra; George Bedu-Addo; Isabelle Borghini-Fuhrer; Stephan Duparc; Chang Sik Shin; Lawrence Fleckenstein  
Lancet 2010;375(9724):1457-67.

Genome wide linkage study, using a 250K SNP map, of Plasmodium falciparum infection and mild malaria attack in a Senegalese population.

Jacqueline Milet; Gregory Nuel; Laurence Watier; David Courtin; Yousri Slaoui; Paul Senghor; Florence Migot-Nabias; **Oumar Gaye**; André Garcia  
PloS one 2010;5(7):e11616.

A randomized trial of artesunate mefloquine versus artemether lumefantrine for the treatment of uncomplicated Plasmodium falciparum malaria in Senegalese children.

Babacar Faye; Jean-Louis Ndiaye; Roger Tine; Khadim Sylla; Ali Gueye; Aminata Colle Lô; **Oumar Gaye**

The American journal of tropical medicine and hygiene 2010;82(1):140-4.

Do paediatric drug formulations of artemisinin combination therapies improve the treatment of children with malaria? A systematic review and meta-analysis.

Kurth F, B elard S, Adegnika AA, **Gaye O**, Kremsner PG, Ramharter M  
.Lancet Infect Dis. 2010 Feb;10(2):125-32. doi: 10.1016/S1473-3099(09)70327-5.PMID: 20113981

Amodiaquine dosage and tolerability for intermittent preventive treatment to prevent malaria in children.

Cairns M, Cisse B, Sokhna C, Cames C, Simondon K, Ba EH, Trape JF, **Gaye O**, Greenwood BM, Milligan PJ.

Antimicrob Agents Chemother. 2010 Mar;54(3):1265-74. doi: 10.1128/AAC.01161-09. Epub 2010 Jan 11.PMID: 20065053

Treatment of asymptomatic carriers with artemether-lumefantrine: an opportunity to reduce the burden of malaria?

Ogutu B, Tiono AB, Makanga M, Premji Z, Gbado e AD, Ubben D, Marrast AC, **Gaye O**.  
Malar J. 2010 Jan 22;9:30. doi: 10.1186/1475-2875-9-30.PMID: 20096111

Canine visceral leishmaniasis caused by Leishmania infantum in Senegal: risk of emergence in humans?

Faye B, Ba nuls AL, Bucheton B, Dione MM, Bassanganam O, Hide M, Dereure J, Choisy M, Ndiaye JL, Konat e O, Claire M, Senghor MW, Faye MN, Sy I, Niang AA, Molez JF, Victoir K, Marty P, Delaunay P, Knecht R, Mellul S, Diedhiou S, **Gaye O**.

Microbes Infect. 2010 Dec;12(14-15):1219-25. doi: 10.1016/j.micinf.2010.09.003. Epub 2010 Sep 22.PMID: 20868766

Randomized trial of piperazine with sulfadoxine-pyrimethamine or dihydroartemisinin for malaria intermittent preventive treatment in children.

Badara Cisse; Matthew Cairns; Ernest Faye; Ousmane NDiaye; Babacar Faye; Cecile Cames; Yue Cheng; Maguette NDiaye; Aminata Collé Lô; Kirsten Simondon; Jean-Francois Trape; Ousmane Faye; Jean-Louis Ndiaye; **Oumar Gaye**; Brian Greenwood; Paul Milligan  
PloS one 2009;4(9):e7164.

Randomized, multicentre assessment of the efficacy and safety of ASAQ--a fixed-dose artesunate-amodiaquine combination therapy in the treatment of uncomplicated Plasmodium falciparum malaria.

Jean Louis Ndiaye; Milijaona Randrianarivelosoa; Issaka Sagara; Philippe Brasseur; Ibrahima Ndiaye; Babacar Faye; Laurence Randrianasolo; Arsène Ratsimbao; Doris Forlemu; Vicky Ama Moor; Aminata Traore; Yahia Dicko; Niawanlou Dara; Valérie Lameyre; Mouctar Diallo; Abdoulaye Djimde; Albert Same-Ekobo; **Oumar Gaye**  
Malaria journal 2009;8():125.

Dosing accuracy of artesunate and amodiaquine as treatment for falciparum malaria in Casamance, Senegal.

Philippe Brasseur; P Agnamey; **Oumar Gaye**; M Cisse; M Badiane; M Vaillant; W R J Taylor; P Olliaro  
Tropical medicine & international health : TM & IH 2009;14(1):79-87.

The quantity and quality of African children's IgG responses to merozoite surface antigens reflect protection against Plasmodium falciparum malaria.

Courtin D, Oesterholt M, Huisman H, Kusi K, Milet J, Badaut C, **Gaye O**, Roeffen W, Remarque EJ, Sauerwein R, Garcia A, Luty AJ.  
PLoS One. 2009 Oct 27;4(10):e7590. doi: 10.1371/journal.pone.0007590.PMID: 19859562

[Interaction between malaria and intestinal helminthiasis in Senegal: influence of the carriage of intestinal parasites on the intensity of the malaria infection]

Babacar Faye; Jean-Louis Ndiaye; R C Tine; A C Lô; **Oumar Gaye**  
Bulletin de la Société de Pathologie Exotique (1990) 2008;101(5):391-4.

Long-term asymptomatic carriage of Plasmodium falciparum protects from malaria attacks: a prospective study among Senegalese children.

Sylvia Males; **Oumar Gaye**; André Garcia  
Clinical infectious diseases : an official publication of the Infectious Diseases Society of America 2008;46(4):516-22.

Relation between Plasmodium falciparum asymptomatic infection and malaria attacks in a cohort of Senegalese children.

Agnès Le Port; Michel Cot; Jean-Francois Etard; **Oumar Gaye**; Florence Migot-Nabias; André Garcia  
Malaria journal 2008;7():193.

Randomized, comparative study of the efficacy and safety of artesunate plus amodiaquine, administered as a single daily intake versus two daily intakes in the treatment of uncomplicated falciparum malaria.

Jean Louis A Ndiaye; Babacar Faye; Amadou M Diouf; Thomas Kuété; Moustapha Cisse; Papa A Seck; Phillipe Brasseur; Albert Same-Ekobo; Valerie Lameyre; **Oumar Gaye**  
Malaria journal 2008;7():16.

A trial of the efficacy, safety and impact on drug resistance of four drug regimens for seasonal intermittent preventive treatment for malaria in Senegalese children.

Sokhna C, Cissé B, Bâ el H, Milligan P, Hallett R, Sutherland C, **Gaye O**, Boulanger D, Simondon K, Simondon F, Targett G, Lines J, Greenwood B, Trape JF.  
PLoS One. 2008 Jan 23;3(1):e1471. doi: 10.1371/journal.pone.0001471.PMID: 18213379

Pilot feasibility study of an emergency paediatric kit for intra-rectal quinine administration used by the personnel of community-based health care units in Senegal. Jean-Louis Ndiaye; Roger C Tine; Babacar Faye; El Hadj Lamine Dieye; Pape Amadou Diack; Valérie Lameyre; **Oumar Gaye**; Husseyn Dembel Sow  
Malaria journal 2007;6():152.

Efficacy and tolerability of four antimalarial combinations in the treatment of uncomplicated Plasmodium falciparum malaria in Senegal. Philippe Brasseur; Patrice Agnamey; **Oumar Gaye**; Michel Vaillant; Walter R J Taylor; Piero L Olliaro  
Malaria journal 2007;6():150.

Efficacy and tolerability of four antimalarial combinations in the treatment of uncomplicated Plasmodium falciparum malaria in Senegal.  
Babacar Faye; Jean-Louis Ndiaye; Daouda Ndiaye; Yemou Dieng; Ousmane Faye; **Oumar Gaye**  
Malaria journal 2007;6():80.

Acquisition of antibodies to variant antigens on the surface of Plasmodium falciparum-infected erythrocytes during pregnancy.  
Nadine Fievet; Jean-Yves Le Hesran; Gilles Cottrell; Souleymane Doucoure; Ibrahima Diouf; Jean-Louis Ndiaye; Gwladys Bertin; **Oumar Gaye**; Sokhna Sow; Philippe Deloron  
Infection, genetics and evolution : journal of molecular epidemiology and evolutionary genetics in infectious diseases 2006;6(6):459-63.

Malaria in mangrove areas of the Saloum delta (Senegal). Aissatou Diop; Lassana Konate; Jean-François Molez; Mame B Diouf; **Oumar Gaye**; Didier Fontenille; Moussa Diagne; Ousmane Faye  
Santé (Montrouge, France) 2006;16(4):253-7.

Defining the origin of Plasmodium falciparum resistant dhfr isolates in Senegal. Daouda Ndiaye; Johanna Patricia Daily; Ousmane Sarr; Omar Ndir; **Oumar Gaye**; Souleymane MBoup; Cally Roper; Dyann F Wirth  
Acta tropica 2006;99(1):106-11.

Red blood cell polymorphisms in relation to Plasmodium falciparum asymptomatic parasite densities and morbidity in Senegal. Florence Migot-Nabias; Stéphane Pelleau; Laurence Watier; Juliette Guitard; Cécile Toly; Carla De Araujo; Mamadou I Ngom; Christophe Chevillard; **Oumar Gaye**; André Garcia  
Microbes and Infection / Institut Pasteur 2006;8(9-10):2352-8.

Malaria morbidity in Barkedji, village of Ferlo, in Senegal Sahelian area]. Jean-François Molez; Aissatou Diop; **Oumar Gaye**; Jean-Jacques Lemasson; Didier Fontenille  
Bulletin de la Société de Pathologie Exotique (1990) 2006;99(3):187-90.

Prediction of Plasmodium falciparum placental infection according to the time of infection during pregnancy.  
Gilles Cottrell; Philippe Deloron; Nadine Fievet; Sokhna Sow; **Oumar Gaye**; Jean-Yves Le Hesran  
Acta Tropica 2006;98(3):255-60.

Prevention of malaria during pregnancy in West Africa: policy change and the power of subregional action. Robert D Newman; Allisyn C Moran; Kassoum Kayentao; Elizabeth Benga-De; Mathias Yameogo; **Oumar Gaye**; Ousmane Faye; Youssoufa Lo; Philippe Marc Moreira; Ogobara K Doumbo; Monica E Parise; Richard W Steketee  
Tropical Medicine & International Health : TM & IH 2006;11(4):462-9.

Low malaria morbidity in a cohort of Senegalese children with free access to health structures. N Valin; Allé Baba Dieng; Jean-Philippe Chippaux; Jean-Yves Le Hesran; **Oumar Gaye**; André Garcia  
Parasite (Paris, France) 2006;13(1):79-81.

Seasonal intermittent preventive treatment with artesunate and sulfadoxine-pyrimethamine for prevention of malaria in Senegalese children: a randomised, placebo-controlled, double-blind trial  
Badara Cissé; Cheikh Sokhna; Denis BOULANGER; Jacqueline Milet; El Hadj Bâ; Keshena Richardson; Rachel Hallett; Colin Sutherland; Kirsten B Simondon; François Simondon; Neal Alexander; **Oumar Gaye**; Geoffrey A T Targett; Jo Lines; Brian Greenwood; Jean-François Trape  
Lancet 2006;367(9511):659-67.

Malaria morbidity in Barkedji, village of Ferlo, in Senegal Sahelian area].  
Molez JF, Diop A, **Gaye O**, Lemasson JJ, Fontenille D.  
Bull Soc Pathol Exot. 2006 Jul;99(3):187-90. PMID: 16983823

Malaria in mangrove areas of the Saloum delta (Senegal)].  
Diop A, Konate L, Molez JF, Diouf M, **Gaye O**, Fontenille D, Diagne M, Faye O.  
Sante. 2006 Oct-Dec;16(4):253-7. PMID: 17446158

Mutations in Plasmodium falciparum dihydrofolate reductase and dihydropteroate synthase genes in Senegal Daouda Ndiaye; Johanna Patricia Daily; Ousmane Sarr; Omar Ndir; **Oumar Gaye**; Souleymane MBoup; Dyann F Wirth  
Tropical Medicine & International Health : TM & IH 2005;10(11):1176-9.



Economic evaluation of a policy change from single-agent treatment for suspected malaria to artesunate-amodiaquine for microscopically confirmed uncomplicated falciparum malaria in the Oussouye District of south-western Senegal.

Agnamey P, Brasseur P, Cisse M, **Gaye O**, Dumoulin J, Rigal J, Taylor WR, Olliaro P. Trop Med Int Health. 2005 Sep;10(9):926-33. doi: 10.1111/j.1365-3156.2005.01482.x.PMID: 16135201

Seroprevalence of toxoplasmosis among women having spontaneous abortion and pregnant women following in a center of health up-town in Dakar].  
I Ndir; A Gaye; Babacar Faye; **Oumar Gaye**; Omar Ndir  
Dakar Médical 2004;49(1):5-9.

Role of environment and behaviour in familial resemblances of Plasmodium falciparum infection in a population of Senegalese children.  
André Garcia; Allé Baba Dieng; Florence Rouget; Florence Migot-Nabias; Jean-Yves Le Hesran; **Oumar Gaye**  
Microbes and infection / Institut Pasteur 2004;6(1):68-75.

Development of seasonal malarial illness in a riparian region of Senegal]  
Jean Akiana; P I Camara; Cheikh Sokhna; A Mbaye; **Oumar Gaye**; L Konaté; Jean-Yves Le Hesran  
Parasite (Paris, France) 2003;10(3):283-4.

Parasitic risks (bilharziosis and intestinal parasitosis) to Mboune's valley revitalisation (Senegal)].  
Oumar Faye; Babacar Faye; J Correa; Yemou Dieng; Omar Ndir; Lassana Konate; I B Ba; Therese Dieng; **Oumar Gaye**; Samba Diallo  
Dakar médical 2003;48(3):165-70.

[Role of Anopheles melas Theobald (1903) on malaria transmission in a mangrove swamp in Saloum (Senegal)]. Aissatou Diop; Jean-François Molez; L Konaté; Didier Fontenille; **Oumar Gaye**; Mamadou Diouf; Moussa Diagne; Ousmane Faye  
Parasite (Paris, France) 2002;9(3):239-46.

Prevalence of intestinal parasitosis at the King Baudouin health center of Guediawaye (Senegal)].  
I Ndir; A Gaye; M Sy; **Oumar Gaye**; Omar Ndir  
Dakar Médical 2002;47(2):168-71.

Antifungal drug susceptibility of Candida causing oropharyngeal candidiasis in HIV infected patients].  
Yemou Dieng; Mame Awa FAYE; A Ndour-Diop; Papa Salif Sow; Therese Dieng; M Soumare; IB Bah; Ousmane Faye; Bernard M Diop; **Oumar Gaye**; Omar Ndir; Saïdou Diallo  
Dakar Médical 2001;46(1):4-7.

Malaria in the central health district of Dakar (Senegal). Entomological, parasitological and clinical data].  
Samba Diallo; Lassana Konate; Omar Ndir; Therese Dieng; Yemou Dieng; IB Bah; Ousmane Faye; **Oumar Gaye**  
Santé (Montrouge, France) 2000;10(3):221-9.

Assessment of the level of urinary iodine deficiency in children of Senegalese central regions].

Sall ND, Sall MG, Sarr NG, **Gaye O**, Diatta A, Diallo F, Mbaye AM, Ndiaye B, Toure M. Dakar Med. 2000;45(2):141-3.PMID: 15779170

Intestinal parasitosis in the inhabitants of a suburban zone in which the groundwater is polluted by nitrates of fecal origin (Yeumbeul, Senegal)].

Yemou Dieng; A A Tandia; A T Wane; **Oumar Gaye**; E H Diop; Samba Diallo Santé (Montrouge, France) 1999;9(6):351-6.

A comparison of thick smears, QBC malaria, PCR and PATH falciparum malaria test trip in Plasmodium falciparum diagnosis.

**Oumar Gaye**; Mamadou Diouf; Samba Diallo Parasite (Paris, France) 1999;6(3):273-5.

Zoophagia and alternative host selection of the malaria vectors in Senegal].

L Konaté; Ousmane Faye; **Oumar Gaye**; N Sy; Aissatou Diop; Mame B Diouf; Jean-François Trape; Jean-François Molez Parasite (Paris, France) 1999;6(3):259-67.

Heterogeneity of chloroquine resistant malaria in Senegal].

**Oumar Gaye**; M Soumaré; B Sambou; Ousmane Faye; Yemou Dieng; Mame B Diouf; IB Bah; Therese Dieng; O N'Dir; Samba Diallo Bulletin de la Société de pathologie exotique (1990) 1999;92(3):149-52.

Pneumocystosis in HIV infected patients presenting with acid-fast bacilli negative pneumopathy at the Central University Hospital at Dakar].

Yemou Dieng; A Ndour; **Oumar Gaye**; G Diouf; Therese Dieng; M Soumare; Moussa Seydi; IB Bah; Ousmane Faye; Omar Ndir; Mame Awa FAYE; Samba Diallo Dakar médical 1999;44(1):28-31.

[Management of severe malaria in children in developing countries. A protocol for economic evaluation].

Oumar Faye; O N'Dao; B Camara; M Soumare; Therese Dieng; IB Bah; Yemou Dieng; **Oumar Gaye**; O N'Dir; Samba Diallo Médecine tropicale : revue du Corps de santé colonial 1999;59(3):283-6.

Prediction and prevention of malaria epidemics in the valley of the Senegal River].

Ousmane Faye; **Oumar Gaye**; L Konaté; Jean-François Molez; E Feller-Dansokho; J P Hervé Santé (Montrouge, France) 1998;8(5):347-52.

Diagnosis of Plasmodium falciparum malaria using ParaSight F, ICT malaria PF and malaria IgG CELISA assays.

**Oumar Gaye**; Mamadou Diouf; E F Dansokho; Gerald McLaughlin; Samba Diallo Parasite (Paris, France) 1998;5(2):189-92.

Evaluation of parasitic risks related to the revitalization of the Ferlo fossil valley (Senegal)].  
Oumar Faye; B N'Dir; J Corr ea; O Faye; O N'Dir; **Oumar Gaye**; IB Bah; Therese Dieng;  
Yemou Dieng; Samba Diallo  
Dakar m dical 1998;43(2):183-7.

[Malaria lethality in Dakar pediatric environment: study of risk factors].  
Oumar Faye; J Correa; B Camara; Therese Dieng; Yemou Dieng; **Oumar Gaye**; IB Bah; O  
N'Dir; M Fall; Samba Diallo  
M decine tropicale : revue du Corps de sant  colonial 1998;58(4):361-4.

Impact of the use of permethrin pre-impregnated mosquito nets on malaria transmission in a  
hyperendemic village of Senegal].  
Ousmane Faye; Lassana Konate; **Oumar Gaye**; Didier Fontenille; N Sy; Aissatou Diop;  
Moussa Diagne; Jean-Fran ois Molez  
M decine tropicale : revue du Corps de sant  colonial 1998;58(4):355-60.

Endemic parasitoses in the villages surrounding the Saloum fossil valley, Senegal].  
Oumar Faye; M B ; O N'Dir; **Oumar Gaye**; F Ousmane; Therese Dieng; IB Bah; Yemou  
Dieng; Saïdou Diallo  
Dakar m dical 1998;43(1):104-8.

Evaluation of parasitic risks for the population bordering on the Mbeubeuss public waste  
disposal, Dakar].  
Oumar Faye; A Diop; **Oumar Gaye**; Bernard M Diop; IB Bah; Therese Dieng; Yemou  
Dieng; O N'Dir; Samba Diallo  
Dakar M dical 1998;43(1):90-4.

Malaria in the southern sanitary district of Dakar (Senegal). 1. Parasitemia and malarial  
attacks].  
Samba Diallo; Omar Ndir; Ousmane Faye; Bernard M Diop; Yemou Dieng; IB Bah; Therese  
Dieng; **Oumar Gaye**; Lassana Konate; O Faye  
Bulletin de la Soci t  de pathologie exotique (1990) 1998;91(3):208-13.

Intestinal parasites in the vendors and consumers of street food. A study conducted in the  
Dakar area].  
Oumar Faye; P Fofana; J Correa; **Oumar Gaye**; Therese Dieng; Yemou Dieng; IB Bah; O  
N'Dir; Samba Diallo  
Bulletin de la Soci t  de pathologie exotique (1990) 1998;91(2):169-72.

Evaluation of malaria chemoprevention among 359 pregnant women attending a health center  
in Dakar].  
Oumar Faye; M Mar; M Diop; **Oumar Gaye**; IB Bah; Therese Dieng; Yemou Dieng; O  
N'Dir; Samba Diallo  
Dakar m dical 1997;42(2):87-90.

Prevalence of malaria in the Senegal river basin in 1991].  
Oumar Faye; O N'Dir; **Oumar Gaye**; Therese Dieng; Yemou Dieng; IB Bah; Samba Diallo  
Dakar M dical 1997;42(2):83-6.

Prevalence of malaria in Dakar, Senegal. Results of serological survey of pregnant and non-pregnant women].

S Diallo; IB Bah; Yemou Dieng; Omar Ndir; F D Ba; Bernard M Diop; **Oumar Gaye**; Therese Dieng  
Dakar Médical 1997;42(1):63-7.

Malaria in an urban environment: the case of the city of Rufisque in Senegal].

**Oumar Gaye**; Ousmane Faye; Omar Ndir; E Feller-Dansokho; O Faye; Yemou Dieng; N C Lakh; Samba Diallo  
Dakar Médical 1997;42(1):54-8.

Impact of antimalarial drug accessibility on malarial morbidity and chloroquine resistance. A study carried out in Touba (Senegal)].

Oumar Faye; M Fall; **Oumar Gaye**; IB Bah; Therese Dieng; Yemou Dieng; Omar Ndir; Samba Diallo  
Bulletin de la Société de pathologie exotique (1990) 1997;90(5):318-20.

Knowledge and treatment of malaria in rural Senegal].

Oumar Faye; M Lo; Bernard M Diop; **Oumar Gaye**; IB Bah; Therese Dieng; Yemou Dieng; O N'Dir; Saïdou Diallo  
Médecine tropicale : revue du Corps de santé colonial 1997;57(2):161-4.

Will a gametocytocide combined with an antimalarial schizonticide soon be necessary in areas of drug resistance?].

Jean-François Molez; **Oumar Gaye**  
Médecine tropicale : revue du Corps de santé colonial 1997;57(1):97.

Evaluation of the treatment of malaria using a 3-day regimen of quinine in Dakar].

**Oumar Gaye**; E F Dansokho; Ousmane Faye; M J Sene; Yemou Dieng; Saïdou Diallo  
Médecine tropicale : revue du Corps de santé colonial 1997;57(1):47-8.

Seroprevalence of toxoplasmosis in Dakar (Senegal) in 1993: study of women in their reproductive years].

Samba Diallo; Omar Ndir; Yemou Dieng; A Leye; Therese Dieng; IB Bah; Bernard M Diop; **Oumar Gaye**; Ousmane Faye  
Santé (Montrouge, France) 1996;6(2):102-6.

Strongyloidiasis: current incidence in the Dakar pediatric environment].

Oumar Faye; O N'Dir; B Thiam; **Oumar Gaye**; Samba Diallo  
Dakar médical 1996;41(1):21-3.

Scanning electron microscope study of the morphology of fungi isolated from patients at the Aristide La Dantec Hospital in Dakar, Senegal].

M Ndiaye; Omar Ndir; K Diarra; **Oumar Gaye**; B S Toguebaye; Saïdou Diallo  
Dakar médical 1996;41(1):1-6.

Informal care of malaria: determinants of demand and supply inventory. A study conducted in Touba City (Senegal)].

Oumar Faye; B Faye; B Dieng; C Faye; O N'Dir; **Oumar Gaye**; Saïdou Diallo  
Bulletin de la Société de pathologie exotique (1990) 1996;89(1):35-40.

Malaria and rice growing in the Senegal River delta (Senegal)].  
Ousmane Faye; Didier Fontenille; **Oumar Gaye**; N Sy; Jean-François Molez; Lassana Konate; G Hebrard; J P Herve; J Trouillet; Saïdou Diallo  
Annales de la Société belge de médecine tropicale 1995;75(3):179-89.

Care charges and direct costs related to hospitalization of Senegalese children with cerebral malaria. Study of 76 cases in the Albert-Royer Hospital in Dakar in 1991-1992].  
Oumar Faye; O N'Dir; **Oumar Gaye**; M Fall; Saïdou Diallo; C Billon  
Santé (Montrouge, France) 1995;5(5):315-8.

Drought and malaria decrease in the Niayes area of Senegal].  
Ousmane Faye; **Oumar Gaye**; Didier Fontenille; G Hébrard; Lassana Konate; N Sy; J P Hervé; Y Touré; Saïdou Diallo; Jean-François Molez  
Santé (Montrouge, France) 1995;5(5):299-305.

Comparison of the transmission of malaria in 2 epidemiological patterns in Senegal: the Sahel border and the Sudan-type savanna].  
Ousmane Faye; **Oumar Gaye**; Didier Fontenille; N Sy; Lassana Konate; G Hebrard; J P Herve; J Trouillet; Saïdou Diallo; J Mouchet  
Dakar médical 1995;40(2):201-7.

[Prevalence of malaria in Dakar, Senegal. Comparative study of the plasmodial indices in pregnant and non-pregnant women].  
Samba Diallo; Omar Ndir; Yemou Dieng; F D Ba; IB Bah; Bernard M Diop; **Oumar Gaye**; Therese Dieng  
Dakar Médical 1995;40(2):123-8.

Health personnel and population practices in the diagnosis of malaria and use of antimalarial drugs in Dakar].  
Oumar Faye; Omar Ndir; **Oumar Gaye**; IB Bah; Therese Dieng; Yemou Dieng; Samba Diallo; A K Diagne  
Médecine tropicale : revue du Corps de santé colonial 1995;55(1):47-50.

Transmission of malaria in villages far away or situated on the border of a mangrove in Senegal].  
Ousmane Faye; **Oumar Gaye**; O Faye; S Diallo  
Bulletin de la Société de pathologie exotique (1990) 1994;87(3):157-63.

Intestinal parasitic diseases and tinea of the scalp in Dakar school population: influence of environmental factors on the infestation level].  
**Oumar Gaye**; Omar Ndir; A Kane; R Belmachi; M Ndiaye; Mame B Diouf; M Diedhiou; Samba Diallo  
Dakar médical 1994;39(1):57-61.

Malaria morbidity and therapeutic efficacy of antimalarials. Study conducted in the Dakar region].  
**Oumar Gaye**; I Babou; Ousmane Faye; A Fall; Jean-François Molez; IB Bah; Samba Diallo  
Médecine tropicale : revue du Corps de santé colonial 1993;53(4):479-85.

Malaria in the Saharan region of Senegal. 2. Parasitological indices]  
Ousmane Faye; **Oumar Gaye**; J P Hervé; P A Diack; S Diallo  
Annales de la Société belge de médecine tropicale 1993;73(1):31-6.

Cryptosporidiosis among intestinal parasitosis in Senegalese pediatric hospital patients].  
Oumar Faye; Omar Ndir; Therese Dieng; **Oumar Gaye**; IB Bah; Yemou Dieng; I Faye;  
S Diallo  
Dakar Médical 1993;38(2):129-32.

Evaluation of the efficacy of fenitrothion (Sumithion PM40) on vector density and the prevalence of malaria in Pout (Thiès, Sénégal)]  
Ousmane Faye; S Diallo; **Oumar Gaye**; O Faye; J Mouchet  
Annales de la Société belge de médecine tropicale 1992;72(2):103-12.

Fungi in the hospital environment and infectious risk.

**Oumar Gaye**; K Samb; Omar Ndir; Saïdou Diallo; M Ndiaye; M Diedhiou; Ousmane Faye  
Dakar Médical 1992;37(1):11-4.

Comparative efficacy of the use of CDC light traps and humans to sampling anopheles populations. Results obtained in the area of Bignona (Senegal)  
Ousmane Faye; S Diallo; **Oumar Gaye**; Omar Ndir; O Faye  
Bulletin de la Société de pathologie exotique (1990) 1992;85(2):185-9.

Development of chloroquine resistance in an urban area. Results of surveys in Dakar and Pikine].  
**Oumar Gaye**; Ousmane Faye; IB Bah; S Diallo; Mame B Diouf; P Ndiaye; A A Ndiaye;  
Jean-François Trape  
Annales de la Société belge de médecine tropicale 1991;71(4):329-30.

Endemic parasitic epidemiology in the anti-salt dam area of Bignona (Senegal)].

**Gaye O**, Diallo S, Faye O, Ndir O, Bah IB, Ndiaye AB, Faye O. Dakar Med.  
1991;36(2):139-44

Evaluation of the efficacy of PESGUARD-PS 201 ultra low volume (ULV) spraying against mosquitos in the Pout area (Thies, Senegal)].  
Ousmane Faye; S Diallo; **Oumar Gaye**; Mame B Diouf; A Gueye  
Dakar Médical 1991;36(2):178-84.

Trial of halofantrine in the treatment of malaria attacks by Plasmodium falciparum in Dakar (Senegal).  
S Diallo; **Oumar Gaye**; IB Bah; Jean-François Trape; Lassana Konate; C Legros; Therese Dieng; Ousmane Faye  
Bulletin de la Société de pathologie exotique (1990) 1991;84(3):298-303.

Evaluation of the sensitivity of Anopheles gambiae to fenitrothion, malathion and DDT in Senegal].

Faye O, **Gaye O**, Diallo S  
Dakar Med. 1991;36(2):170-7.

The emergence of chloroquine-resistant malaria in Dakar, Senegal].  
**Oumar Gaye**; IB Bah; S Diallo; A Victorious; E Bengua; Ousmane Faye; O Faye  
Annales de la Société belge de médecine tropicale 1990;70(1):33-7.

Malaria morbidity in the urban environment. Study of 353 fever attacks].  
**Oumar Gaye**; IB Bah; E Bengue; S Diallo; Ousmane Faye  
Médecine tropicale : revue du Corps de santé colonial 1989;49(4):401-4.

Malaria morbidity in rural and urban areas in Senegal].  
**Oumar Gaye**; IB Bah; S Diallo; Ousmane Faye; D Baudon  
Médecine tropicale : revue du Corps de santé colonial 1989;49(1):59-62.

Lymphocytes and serologic data. Analysis in 3 groups of patients suffering from simple acute and pernicious malarial flare-ups].  
Adama Ndiaye; Samba Diallo; F Diouf; **Oumar Gaye**; Omar Ndir; IB Bah; A Victorious;  
Ousmane Faye  
Dakar Médical 1988;33(1-4):95-100.

Factors of humoral and cellular immunity in onchocercosis (results of studies conducted in Senegal)].  
Adama Ndiaye; Samba Diallo; Omar Ndir; IB Bah; **Oumar Gaye**; A Victorious; Ousmane Faye  
Bulletin de la Société de pathologie exotique et de ses filiales 1987;80(2):230-41.

Dose-ranging study of ivermectin in treatment of filariasis due to Wuchereria bancrofti.  
Diallo S, Aziz MA, Ndir O, Badiane S, Bah IB, **Gaye O.**  
Lancet. 1987 May 2;1(8540):1030. doi: 10.1016/s0140-6736(87)92291-4.PMID: 2883362

T-cell subpopulations during acute attacks of pernicious malaria]  
Adama Ndiaye; Samba Diallo; Omar Ndir; **Oumar Gaye**; IB Bah; F Diouf; Yemou Dieng  
Bulletin de la Société de pathologie exotique et de ses filiales 1985;78(3):342-8.

Hematologic constants in the acute phase of malaria in Senegalese adults.  
Adama Ndiaye; Samba Diallo; Yemou Dieng; IB Bah; F Diouf; Omar Ndir; A Victorious; I Diop-Mar; **Oumar Gaye**  
Dakar Médical 1984;29(1):141-8.