

CURRICULUM VITAE

Professeur Babacar FAYE

Nom

FAYE Babacar

Date et lieu de naissance

15 Décembre 1967 à Dakar (Sénégal)

Nationalité

Sénégalaise

Adresse professionnelle :

- Professeur Babacar Faye
Laboratoire de Parasitologie – Mycologie.
Faculté de Médecine, de Pharmacie et
d’odontologie - Université Cheikh Anta Diop,
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- Professeur Babacar Faye
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d’Enfants Albert Royer (CHNEAR)
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Institution : Université Cheikh Anta DIOP, Dakar

Faculté : Faculté de Médecine, Pharmacie et Odontologie (FMPO)

Service : Parasitologie – Mycologie

Spécialité : Parasitologie - Mycologie

Diplômes:

- **Professeur titulaire des Universités** : CAMES 2014
- **Agrégation en Parasitologie** : CAMES 2010
- **Doctorat Es Sciences Biologiques et Médicales Option Parasitologie** : (UCAD) 2010
- **Diplôme d'Etudes Approfondies en Sciences biologiques et médicales option Parasitologie – Mycologie** : 2005 (UCAD)
- **Certificat en recherche clinique** : 2003 (UCAD)
- **Diplôme Universitaire de lutte anti paludique** : 2001 (PHARO - Université Méditerranée Marseille)
- **Certificat d'Etudes Spéciales en Parasitologie – Mycologie** : 1999 (UCAD)
- **Doctorat en Médecine**: 1998 (UCAD)
- **Baccalauréat**: 1987 (Lycée Blaise Diagne)

Postes occupés:

- **Fonctions hospitalo-universitaires.**
 - **Chef du Service de Parasitologie – Mycologie, FMPO, UCAD depuis 2017**
 - **Chef du Service de Laboratoire de l'Hôpital d'enfants Albert Royer, Dakar depuis 2022**
 - **Médecin biologiste (parasitologue) des Hôpitaux** : Laboratoire Hôpital d'enfants Albert Royer, Dakar depuis 2008.
 - **Professeur titulaire en parasitologie – Mycologie, Enseignant Chercheur** à la FMPO / UCAD depuis 2014
 - **Parasitologue, Maitre de conférences agrégé** à l'UCAD : 2010 à 2014
 - **Parasitologue, Maitre-Assistant de Faculté** à la FMPO de l'UCAD : 2008 - 2010
 - **Parasitologue, Assistant de Faculté, Assistant des Services Universitaires des Hôpitaux** à la FMPO de l'UCAD : 2004-2008
 - **Parasitologue, Attaché Assistant** à la FMPO de l'UCAD : 2001 à 2004.

- **Titres et fonctions actuelles**

- **Directeur de la Recherche et de l'Innovation de l'UCAD**
- **Directeur du Centre d'Excellence Africain AGIR « Environnement, Santé & Sociétés**
- **Coordonnateur du Diplôme d'Etudes Spéciales de Biologie Clinique**
- **Coordonnateur du Master de Biologie et Contrôle des Parasites**
- **Directeur du projet de recherche « Action against stunting Sénégal »** : programme de recherche sur la malnutrition
- **Professeur titulaire des Universités** en parasitologie – Mycologie
- **Médecin biologiste des Hôpitaux** : Laboratoire de Hôpital d'Enfants Albert Royer, Dakar 2008

Sociétés scientifiques

- Membre de la Société Africaine de Parasitologie (SoAP),
- Membre de la Société Africaine de Biologie Clinique (SABC)
- Membre de la Société Sénégalaise d'Immunologie
- Membre de la Société Médicale d'Afrique Noire de Langue Française.
- Membre du Conseil National d'Ethique pour la Recherche en Santé (MSAS)

Résumé Expériences professionnelles

- Directeur Adjoint du l'UFR des Sciences de la Santé de l'Université Gaston Berger de Saint Louis (2012 – 2017)
- Président de la Section A de l'Ordre National des Médecins du Sénégal (2010 – 2014)
- Membre du Conseil national de l'Ordre des Médecins du Sénégal (2010 – 2019)
- Secrétaire chargé des revendications du Syndicat autonome des Médecins du Sénégal (Sames) (2006 – 20214)
- Conseiller en Plan de Développement Personnel (PDP) dans le programme Malaria Research Capacity Development in West and Central Africa (2010 – 2014):
- Président de la commission Maladies tropicales Négligées dans le programme West African Global health Alliance: Member of the Scientific / programme Committee. (depuis 2019)
- Ambassadeur du Programme Global Schistosomiasis Alliance (WHO) (Depuis 2020)
- Conseiller du Programme national de lutte contre le Paludisme du Ministère de la Santé et de l'Action Sociale depuis 2006
- Président du Cadre de Concertation des Partenaires de la Lutte contre le Paludisme (CCP LP) du PNLP /MSAS depuis 2019
- Conseiller du Programme National de Lutte contre Maladies tropicales Négligées du MSAS depuis 2012

Gestion de programmes de recherche et de formation

- Impact de l'anthropisation et de l'environnement sur le fonctionnement des foyers de leishmanioses : Analyses génétiques et épidémiologiques dans le sud de la France, en Guyane Française, en Espagne et au Sénégal. (Bailleur : Agence National pour la Recherche France) 2008- 2010.
- Capacity building (Malaria Clinical Trial Alliance) 2006 – 2010 (Bailleur : Gates foundation).
- Intermittent Preventive Treatment for children in Malaria program (Bailleur :Gates Foundation) 2009 – 2011.
- Concomitant infection by *Plasmodium falciparum* and *Schistosoma heamatobium* among school children in a rural area of Senegal (Bailleur : OMS TDR)..
- Intermittent Preventive Treatment in children combined with Home management of malaria in area with persisting high malaria prevalence in Senegal (Bailleur : The European and Developing Countries Clinical Trials Partnership (**EDCTP**)) 2011 – 2012.
- Vaccine trial on Efficacy of ChAd63-MVA ME-TRAP prime Boost vaccination against P.falciparum infection (Bailleur : Malaria Vectored Vaccines Consortium – European Vaccine Initiative) 2010 – 2014.
- Action Against Stunting and Malnutrition in Senegal, India and Indonesia (Bailleur UK Research and Innovation (UKRI)) 2019 – 2023

Encadrement Etudiants

- Plus de 50 encadrement de thèses de Doctorat en Médecin et Pharmacie
- Plus 30 encadrement de mémoire de master
- Plus de 15 encadrement de thèse de Doctorat es sciences
- Encadrement en cours de 10 étudiants en Doctorat es Sciences (PhD)

Publications scientifiques

2024

Prevalence and associated factors of schistosomiasis among pregnant women in northern Senegal Coumba Nar Ndiour, Bruno Senghor, Ousmane Thiam, Souleymane Niang, Amélé Nyedzie Wotodjo, Babacar Thiendella Faye, Ndeye Amy Ndiaye, Omar Sow, Khadime Sylla, Magatte Ndiaye, Oumar Gaye, **Babacar Faye**, Cheikh Sokhna, Souleymane Doucouré, Doudou Sow. BMC Infect Dis. 2024; 24: 682. Published online 2024 Jul 9. doi: 10.1186/s12879-024-09443-5

Schistosomiasis control in Senegal: results from community data analysis for optimizing preventive chemotherapy intervention with praziquantel. Boubacar Diop, Khadime Sylla, NDèye MBacké Kane, Oumou Kaltoum Boh, Babacar Guèye, Mady Ba, Idrissa Talla, Malang Mané, Rose Monteil, Boniface Kinvi, Honorat Gustave Marie Zoure, Jorge Cano Ortega, Pauline Mwinzi, Moussa Sacko, **Babacar Faye** Infect Dis Poverty. 2024; 13: 49. Published online 2024 Jun 25. doi: 10.1186/s40249-024-01217-0

P. falciparum genetic markers associated with drug resistance from patients with treatment failure in the Southern part of Senegal in 2017. Magatte Ndiaye, Malick Diouf, Moufid Mhamadi, Aicha Djigal, Isaac A Manga, Coumba Sene, Souleye Lelo, Cheikh B Fall, Khadime Sylla, **Babacar Faye** Int J Mol Epidemiol Genet. 2024; 15(3): 22–30. Published online 2024 Jun 15. doi: 10.62347/RWLA6562

Developing a data repository to support interdisciplinary research into childhood stunting: a UKRI GCRF Action Against Stunting Hub protocol paper

Kaitlin Conway-Moore, Darius Tetsa Tata, Peter Wood, Val Katerinchuk, D M Dinesh Yadav, Little Flower Augustine, Manne Munikumar, Assana Diop, Fassiatou Tairou, Modou Lamin Jobarteh, Bharati Kulkarni, **Babacar Faye**, Paul Haggarty, Claire Heffernan. *BMJ Paediatr Open*. 2024; 8(Suppl 1): e002443. Published online 2024 Jun 5. doi: 10.1136/bmjpo-2023-002443

Field sensitivity and specificity of the SD BIOLINE onchocerciasis IgG4 Rapid Diagnostic Test in children <10 years old from endemic areas in Burkina Faso

Achille Sindimbasba Nikièma, Lassane Koala, Thomas R. Unnasch, Jeoffray Diendéré, Justin Compaoré, Mathias W. Ouédraogo, Claude Montant Kafando, Didier Bakajika, Clarisse Bougouma, **Babacar Faye**, Soungalo Traoré, Roch Kounbobr Dabiré. *Parasite Epidemiol Control*. 2024 May; 25: e00352. Published online 2024 Apr 23. doi: 10.1016/j.parepi.2024.e00352

Anthropometric, biochemical, dietary, morbidity and well-being assessments in women and children in Indonesia, India and Senegal: a UKRI GCRF Action Against Stunting Hub protocol paper

Hilary Davies-Kershaw, Umi Fahmida, Min Kyaw Htet, Bharati Kulkarni, **Babacar Faye**, Dwi Yanti, Dewi Shinta, Nur L Zahra, Tiffany C Angelin, Radhika Madhari, Raghu Pullakhandam, Ravindranadh Palika, Teena Dasi, Sylvia Fernandez Rao, Santosh Kumar Banjara, Kiruthika Selvaraj, Dharani Pratyusha Palepu, Dinesh Yadav, Saliou Diouf, Philomene Lopez-Sall, Babacar Diallo, Princillia Mouissi, Sally Fall, Ibrahima Diallo, Aicha Djigal, Tabitha D Van Immerzeel, Fassia Tairou, Assana Diop, Rebecca Pradeilles, Sara Strout, Benjamin Momo Kadia, Darius Tetsa Tata, Modou Lamin Jobarteh, Stephen Allen, Alan Walker, Joanne P Webster, Paul Haggarty, Claire Heffernan, Elaine Ferguson. *BMJ Paediatr Open*. 2024; 8(Suppl 1): e001683. Published online 2024 Feb 27. doi: 10.1136/bmjpo-2022-001683

Investigating market-based opportunities for the provision of nutritious and safe diets to prevent childhood stunting: a UKRI-GCRF action against stunting hub protocol paper

Gregory S Cooper, Hilary Davies-Kershaw, Paula Dominguez-Salas, Umi Fahmida, **Babacar Faye**, Elaine Ferguson, Delia Grace, Barbara N Häsler, Suneetha Kadiyala, Archana Konapur, Bharati Kulkarni, Bhagyalakshmi Chengat Prakashbabu, Indriya L Pramesthi, Dominic Rowland, Kiruthika Selvaraj, Arienta R P Sudibya, Roger C Tine, D M Dinesh Yadav, Nur L Zahra, Bhavani Shankar, Claire Heffernan. *BMJ Paediatr Open*. 2024; 8(Suppl 1): e001671. Published online 2024 Feb 27. doi: 10.1136/bmjpo-2022-001671

La cryptosporidiose chez les patients VIH au Sénégal : étude de la prévalence dans un Centre de prise en charge. Lelo S, Sylla K, Fall CB, Manga IA, Ndiaye M1, Sow D1, Tine RC1, **Faye B**. *African Journal of Medical Biology / Revue africaine de Biologie Médicale*. 2024;9(22):1555-1564

2023

A Case of Visceral Leishmaniasis in a 4-Year-Old Child Living in Nonendemic Area Located in Suburbs of Dakar, Senegal. Magatte Ndiaye, Dienaba Fafa Cissé, Aicha Djigal, Aminata Sow, Souleye Léo, Fatoumata Ly, Isaac A. Manga, Mame Ami Diouf, Doudou Sow, Oumar Gaye, Boubacar Camara, **Babacar Faye**. *Case Rep Infect Dis*. 2023; 2023: 2354935. Published online 2023 Sep 9. doi: 10.1155/2023/2354935

Detection of urological cancers by the signature of organic volatile compounds in urine, from dogs to electronic noses. Gaye O, Fall CB, Jalloh M, **Faye B**, Jobin M, Cussenot O. *Curr Opin Urol*. 2023 Nov 1;33(6):437-444. doi: 10.1097/MOU.0000000000001128. Epub 2023 Sep 5. PMID: 37678152.

Prévalence du paludisme au Sénégal : Etude rétrospective de 2002 à 2020 au Service de Parasitologie- Mycologie de la Faculté de Médecine, Pharmacie et Odontologie (FMPO) de l'Université Cheikh Anta Diop de Dakar (UCAD). I.A. Manga, C.B. Fall, S. Lelo, A. Lam, M.P. Diouf, C.P. Minlekib, M. Ndiaye, K. Sylla, D. Sow, O. Gaye, J.L Ndiaye, R.C. Tine, **B. Faye**.. Médecine d'Afrique Noire 7001 - Janvier 2023 - pages 25-33

Impact of COVID-19 on Biological Diagnosis of Malaria: Case of the Thierno Mouhamadou Mansour Barro Hospital in Mbour, Senegal .Manga, I. , Seye, C. , Dramé, A. , Fall, C. , Lélo, S. , Minlekib, C. , Diouf, M. , Ndiaye, J. , Sylla, K. and **Faye, B.** (2023).. *Advances in Infectious Diseases*, **13**, 31-40. doi: [10.4236/aid.2023.131004](https://doi.org/10.4236/aid.2023.131004).

Artemether-Lumefantrine and Artesunate-Amodiaquine in routine use for the treatment of uncomplicated falciparum malaria in Senegal: open randomized efficacy trial. Sylla Khadime, Cheikh Binetou Fall, Souleye Lelo ,Isaac Akhenaton Manga, Sow Doudou, Ndiaye Magatte Gueye , Folly K, Tine R.C.T **Faye B.** *African Journal of Parasitology Research* ISSN: 2756-3391 Vol. 11 (3), pp. 001-011, March, 2023

The Association Between Malaria Parasitaemia, Intestinal Parasite and Anemia in Children Less Than 6 Month in Senegal: A Cross Sectional Survey. Lelo Souleye, Gueye Aly, Sylla Khadime, Ndiaye Magatte, Sow Doudou, Syll Massamba, Fall Cheikh Binetou, Manga Isaac Akhenton, Ndiaye Jean Louis, Gaye Oumar, Tine Roger Clément, **Faye Babacar**. *International Journal of Infectious Diseases and Therapy*. Vol. 8, No. 2, 2023, pp. 50-56. doi: 10.11648/j.ijidt.20230802.11

Current Epidemiology of Antifungal Resistance in Filamentous Fungi. Sow D, Sylla K, Ndiaye M, Manga IA, Lelo S, Fall CB, Tine RC, Ndiaye JL, **Faye B.** (2023) *Med Mycol Open Access* Vol.9 No.2: 59. DOI: 10.36648/2471-8521.9.2.059

Prevalence of Soil-Transmitted Helminthiasis in a cohort of HIV infected children in Guediawaye hospital, suburb of Dakar, Senegal. Doudou Sow, Safietou Kandé, Jean Baptiste N Diouf, Isaac A Manga, SouleyeLelo, Cheikh B Fall, Khadime Sylla, Magatte Ndiaye, Roger Clément Tine, Jean Louis Ndiaye, **Babacar Faye**.. *African Journal of Parasitology Research* ISSN 2756-3391 Vol. 11 (8), pp. 001-007, August, 2023.

Epidemiological aspects of tinea capitis among children attending to Koranic schools in Senegal (Thiés). Khadime Sylla, Souleye Lelo, Ibrahima Diop, Cheikh Binetou Fall, Issac Akhenaton Manga, Magatte Ndiaye, Doudou Sow, Roger Clément Tine and **Babacar Faye.** *Journal of Yeast and Fungal Research* 14, no. 2 (2023): 8-14.

Study of the Frequency of Superficial Candidiasis at the Fann National Hospital: Search for Candida auris. Pab Carole, Minlekib & Sow, Doudou & Manga, Isaac & Dia, Mamadou & Diouf, Marie & Lam, Aminata & Fall, Cheikh & Lelo, Souleye & Ndiaye, Magatte & Sylla, Khadim & Ndiaye, Jean & Tine, Roger & Dieng, Thèrèse & **Faye, Babacar.** (2023). *Advances in Infectious Diseases*. 13. 536-549. 10.4236/aid.2023.134044.

Prevalence and Risk Factors of Vaginal Trichomoniasis in Women: Study at the University Hospital of Pikine in the Suburbs of Dakar, Senegal. Isaac Akhénton Manga, David Ngom, Marie Pierre Diouf, Carole Pab Minlekib, Souleye Lelo, Cheikh Binetou Fall, Khadime Sylla, Doudou Sow, Jean Louis Ndiaye, Magatte Ndiaye, Roger Clément Tine, **Babacar Faye.** *Advances in Infectious Diseases*, **13**, 291-302. <https://doi.org/10.4236/aid.2023.132027>

2022

Effectiveness of seasonal malaria chemoprevention administered in a mass campaign in the Kedougou region of Senegal in 2016: a case-control study
Isaac Akhenaton Manga, Fassiatou Tairou, Amadou Seck, Ekoue Kouevijjin, Khadime Sylla, Doudou Sow, Alioune Babara Gueye, Mady Ba, Magatte Ndiaye, Roger Clément Kouly Tine, Omar Gaye, **Babacar Faye**, Jean Louis Abdourahim Ndiaye

Whole Genome Sequencing Analysis of African Orthobunyavirus Isolates Reveals Naturally Interspecies Segments Recombinations between Bunyamwera and Ngari Viruses

Moufid Mhamadi, Idrissa Dieng, Anna S. Dolgova, Cheikh Talibouya Touré, Mignane Ndiaye, Moussa Moïse Diagne, **Babacar Faye**, Anna S. Gladkikh, Vladimir G. Dedkov, Amadou Alpha Sall, Ousmane Faye, Oumar Faye

Viruses. 2023 Feb; 15(2): 550. Published online 2023 Feb 16. doi: 10.3390/v15020550

Multiple genotypes of Crimean-Congo hemorrhagic fever virus detected in ticks during a one health survey in Agnam, Northeastern Senegal.

Mhamadi M, Badji A, Dieng I, Gaye A, Ndiaye EH, Ndiaye M, Mhamadi M, Toure CT, Barry A, Ndiaye O, **Faye B**, Ba FA, Diop B, Ndiaye M, Sagne SN, Fall G, Loucoubar C, Bovendo HF, Sall AA, Kobinger G, Faye O, Diallo M, Faye O. Emerg Microbes Infect. 2022 Dec;11(1):2711-2714. doi: 10.1080/22221751.2022.2136537

Malaria-associated risk factors among adolescents living in areas with persistent transmission in Senegal: a case-control study.

Tairou F, Diallo A, Sy O, Kone A, Manga IA, Sylla K, Lelo S, Fall CB, Sow D, Ndiaye M, **Faye B**, Tine RCK. Malar J. 2022 Jun 20;21(1):193. doi: 10.1186/s12936-022-04212-8.

New Microsatellite Markers for Genetic Studies on *Sergentomyia schwetzi* (Diptera: Psychodidae): A Suspected Vector of *Leishmania infantum* (Trypanosomatida: Trypanosomatidae) in the Canine Leishmaniasis Focus of Mont-Rolland, Senegal.

Prudhomme J, Mazza T, Hagen S, Cassan C, Toty C, Senghor MW, Niang AA, **Faye B**, Bañuls AL. J Med Entomol. 2022 Nov 16;59(6):2170-2175. doi: 10.1093/jme/tjac109.

Study of the behavior of snails intermediate hosts of *Schistosoma spp.* under different maintenance conditions and their resistance to salinity in an african laboratory environment.

Thiam F, Fall CB, Gaye PM, Senghor B, Diamanka A, Wotodjo AN, Abotsi K, Parola P, **Faye B**, Sokhna C, Sow D, Doucouré S. Heliyon. 2022 Aug 19;8(8):e10289. doi: 10.1016/j.heliyon.2022.e10289. eCollection 2022 Aug

Specificity of SARS-CoV-2 Antibody Detection Assays against S and N Proteins among Pre-COVID-19 Sera from Patients with Protozoan and Helminth Parasitic Infections.

Yansouni CP, Papenburg J, Cheng MP, Corsini R, Caya C, Vasquez Camargo F, Harrison LB, Zaharatos G, Büscher P, **Faye B**, Ndiaye M, Matlashewski G, Ndao M. J Clin Microbiol. 2022 Jan 19;60(1):e0171721. doi: 10.1128/JCM.01717-21. Epub 2021 Oct 20.

Temporal distribution of *Plasmodium falciparum* recrudescence following artemisinin-based combination therapy: an individual participant data meta-analysis.

WorldWide Antimalarial Resistance Network Methodology Study Group. Malar J. 2022 Mar 24;21(1):106. doi: 10.1186/s12936-021-03980-z.

Crimean-Congo Hemorrhagic Fever Virus Survey in Humans, Ticks, and Livestock in Agnam (Northeastern Senegal) from February 2021 to March 2022.

Mhamadi M, Badji A, Dieng I, Gaye A, Ndiaye EH, Ndiaye M, Mhamadi M, Touré CT, Mbaye MR, Barry MA, Ndiaye O, **Faye B**, Ba FA, Diop B, Ndiaye M, Fall M, Sagne SN, Fall G, Loucoubar C, Fausther-Bovendo H, Sall AA, Kobinger G, Faye O, Diallo M, Faye O. Trop Med Infect Dis. 2022 Oct 21;7(10):324. doi: 10.3390/tropicalmed7100324.

Malaria prevention knowledge, attitudes, and practices (KAP) among adolescents living in an area of persistent transmission in Senegal: Results from a cross-sectional study.

Tairou F, Nawaz S, Tahita MC, Herrera S, **Faye B**, Tine RCK. PLoS One. 2022 Dec 1;17(12):e0274656. doi: 10.1371/journal.pone.0274656. eCollection 2022.

2021

Bulinus senegalensis and *Bulinus umbilicatus* Snail Infestations by the *Schistosoma haematobium* Group in Niakhar, Senegal. Gaye PM, Doucoure S, Senghor B, **Faye B**, Goumballa N, Sembène M, L'Ollivier C, Parola P, Ranque S, Sow D, Sokhna C. Pathogens. 2021 Jul 8;10(7):860. doi: 10.3390/pathogens10070860.

Hybridized Zoonotic *Schistosoma* Infections Result in Hybridized Morbidity Profiles: A Clinical Morbidity Study amongst Co-Infected Human Populations of Senegal.

Fall CB, Lambert S, Léger E, Yasenev L, Garba AD, Diop SD, Borlase A, Catalano S, **Faye B**, Walker M, Sene M, Webster JP. Microorganisms. 2021 Aug 20;9(8):1776. doi: 10.3390/microorganisms9081776.

MALDI-TOF mass spectrometry for the identification of freshwater snails from Senegal, including intermediate hosts of schistosomes.

Hamilili FZ, Thiam F, Laroche M, Diarra AZ, Doucouré S, Gaye PM, Fall CB, **Faye B**, Sokhna C, Sow D, Parola P. PLoS Negl Trop Dis. 2021 Sep 13;15(9):e0009725. doi: 10.1371/journal.pntd.0009725. eCollection 2021 Sep.

Epidemiology of Superficial Fungal Infections in Hospital Settings in Togo and Senegal from 2019 to 2020. Minlekib PC, Dorkenoo AM, Sow D, Dia M, Manga IA, Fall CB, Lelo S, Sossou E, Sylla K, Ndiaye M, Ndiaye JL, Tine RC, Dieng T and **Faye B**. Volume 4 Issue 2 Received Date: November 12, 2021 Published Date: November 29, 2021

Detection of Intestinal Parasites in Stool Samples by Microscopy and Real-Time PCR in Children with Vulnerable Living Conditions in Dakar, Senegal. Souleye Lelo, Fatoumata Ly, Aminata Lam, Cheikh Binetou Fall, Issac Manga, Fassiatou Tairou, Khadim Sylla, Magatte Ndiaye, Doudou Sow, Roger Tine, **Babacar Faye**. Journal of Bacteriology & Parasitology April 2021

Omnigen kit accuracy for plasmodium falciparum saliva detection in Senegal. Souléye Iélo*, Magatte Ndiaye, Khadim Sylla, Doudou Sow, Cheikh Binetou Fall, Aida Gaye, Issac Manga, Roger Tine, **Babacar Faye** GLOBAL JOURNAL FOR RESEARCH ANALYSIS VOLUME - 10, ISSUE - 03, MARCH - 2021 • PRINT ISSN No. 2277 - 8160 • DOI : 10.36106/gjra

2020

New inflammation-related biomarkers during malaria infection. Kassa FA, Shio MT, Bellemare MJ, **Faye B**, Ndao M, Olivier M. PLoS One. 2011;6(10):e26495. doi: 10.1371/journal.pone.0026495. Epub 2011 Oct 20.

Prevalence and distribution of schistosomiasis in human, livestock, and snail populations in northern Senegal: a One Health epidemiological study of a multi-host system Elsa Léger, Anna Borlase, Cheikh B Fall, Nicolas D Diouf, Samba D Diop, Lucy Yasenev, Stefano Catalano, Cheikh T Thiam, Alassane Ndiaye, Aidan Emery, Alice Morrell, Muriel Rabone, Momar Ndao, Babacar Faye, David Rollinson, James W Rudge, Mariama Sène, Joanne P Webster. Lancet Planet Health. 2020 Aug; 4(8): e330–e342. Published online 2020 Aug 12. doi: 10.1016/S2542-5196(20)30129-7

Multihost Transmission of *Schistosoma mansoni* in Senegal, 2015–2018. Stefano Catalano, Elsa Léger, Cheikh B. Fall, Anna Borlase, Samba D. Diop, Duncan Berger, Bonnie L. Webster, **Babacar Faye**, Nicolas D. Diouf, David Rollinson, Mariama Sène, Khalilou Bâ, Joanne P. Webster. Emerg Infect Dis. 2020 Jun; 26(6): 1234–1242. doi: 10.3201/eid2606.200107

Quantification of malaria antigens PfHRP2 and pLDH by quantitative suspension array technology in whole blood, dried blood spot and plasma. Xavier Martiáñez-Vendrell, Alfons Jiménez, Ana Vásquez, Ana Campillo, Sandra Incardona, Raquel González, Dionicia Gamboa, Katherine Torres, Wellington Oyibo, **Babacar Faye**, Eusebio Macete, Clara Menéndez, Xavier C. Ding, Alfredo Mayor *Malaria Journal*. 2020; 19: 12. Published online 2020 Jan 9. doi: 10.1186/s12936-019-3083-

Molecular detection and quantification of Plasmodium falciparum gametocytes carriage in used RDTs in malaria elimination settings in northern Senegal. Kiswendsida Thierry Guiguemde, Yakou Dieye, Aminata Collé Lô, Magatte Ndiaye, Aminata Lam, Isaac Akhénaton Manga, Gnagna Dieng Sow, Moussa Diop, Tamba Souané, Marie Pierre Diouf, Roger Clément Kouly Tine and **Babacar Faye**. *Malaria Journal* (2020) 19:123 <https://doi.org/10.1186/s12936-020-03204-w>

Parasitoses Intestinales Et Statut Nutritionnel Chez L'enfant À Guédiawaye Au SéDiouf Jean Baptiste Niokhor, Kane Mariama, Sow Doudou, , Sougou Ndèye Marème, Oumy Kaltome Boh, **Babacar Faye**, Ndiaye Ousmane *European Scientific Journal* May 2020 edition Vol.16, No.15 ISSN: 1857-7881 (Print) e - ISSN 1857-7431

Assessment of the Adherence of Primaquine for the Control and Elimination of Malaria in Senegal Kiswendsida Thierry Guiguemde, Yakou Dieye, **Babacar Faye**. *American Journal of Biomedical and Life Sciences*. 2020; 8(5): 185-188. <http://www.sciencepublishinggroup.com/j/ajbls>. doi: 10.11648/j.ajbls.20200805.17. ISSN: 2330-8818 (Print); ISSN: 2330-880X (Online)

Mycetoma epidemiology, diagnosis management, and outcome in three hospital centres in Senegal from 2008 to 2018. Doudou Sow, Maodo Ndiaye, Lamine Sarr, Mamadou D. Kante, Fatoumata Ly, Pauline Diousse, Babacar T. Faye, Abdou Magip Gaye, Cheikh Sokhna, Stephane Ranque, **Babacar Faye**. *PLOS ONE* | <https://doi.org/10.1371/journal.pone.0231871> April 24, 2020

2019

A Study of Trichomonas vaginalis Infection and Correlates in Women with Vaginal Discharge Referred at Fann Teaching Hospital in Senegal Roger C. Tine, Khadime Sylla, Rougyatou Ka, Lamine Dia, Doudou Sow, Souleye Lelo, Khardiata Diallo, **Babacar Faye**, Thérèse Dieng, Cheikh T. Ndour, Ahmet Y. Sow. *J Parasitol Res*. 2019; 2019: 2069672. Published online 2019 Apr 1. doi: 10.1155/2019/2069672

Seasonal malaria chemoprevention combined with community case management of malaria in children under 10 years of age, over 5 months, in south-east Senegal: A cluster-randomised trial. Jean Louis A. Ndiaye, Youssoupha Ndiaye, Mamadou S. Ba, **Babacar Faye**, Maguette Ndiaye, Amadou Seck, Roger Tine, Pape Moussa Thior, Sharanjeet Atwal, Khalid Beshir, Colin Sutherland, Oumar Gaye, Paul Milligan. *PLoS Med*. 2019 Mar; 16(3): e1002762. Published online 2019 Mar 13. doi: 10.1371/journal.pmed.1002762

Epidemiological and Mycological Aspects of Onychomycosis in Dakar (Senegal) Sylla K, Tine RC.K, Sow D, Lelo S, Dia M, Traoré S, **Faye B** and Dieng T.. *J. Fungi* 2019, 5(2), 35;

Distribution of Candida Species and Their Susceptibility to Antifungal Drugs in Dakar, Senegal Sylla K, Tine RC, Ndiaye LA, Sow D, Lelo S, Dia M, **Faye B**, Dieng T.. *International Journal of Infectious Diseases and Therapy*. 2019 Oct 30;4(4):50

Toxoplasmosis Seroprevalence in pregnant women and in sheep and goats intended for human consumption in Dakar, using Direct Agglutination High sensitivity techniques. Jean Louis A Ndiaye, **Babacar Faye**, Nasra Idarousse, Doudou Sow, Amy Colle Lo, Fatou Coulibaly, Isaac A Manga, Maguette Ndiaye, Khadim Sylla, Roger Clement Tine, Oumar Gaye. *African Journal of Parasitology Research* ISSN 2343-6549 Vol. 6 (5), pp. 001-008, May, 2019. Available online.

Epidemiological Profile of Intestinal Parasitic Infections Among Children Living in Koranic Schools: A Cross Sectional Survey Souleye Lelo, Fatimata Ly, Isaac Akhenaton Manga, Cheikh Binetou Fall,

Khadime Sylla, Magatte Ndiaye, Doudou Sow, Nick Chenise, Massamba Syll, Roger Clement Tine, Jean Louis Abdourahime Ndiaye, **Babacar Faye**. *International Journal of Infectious Diseases and Therapy*. Vol. 4, No. 4, 2019, pp. 67-71. doi: 10.11648/j.ijidt.20190404.13

2018

Diadie S, Ndiaye M, Diatta BA, **Faye B**, Diallo M, Niang SO, Kane A, Dieng MT. Vegetant cutaneous leishmaniasis: A rare clinical variant. *Ann Dermatol Venereol*. 2018 Oct;145(10):620-622. doi: 10.1016/j.annder.2018.07.011. Epub 2018 Sep 11. PMID: 30217684

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. Evaluation of Two Strategies for Community-Based Safety Monitoring during Seasonal Malaria Chemoprevention Campaigns in Senegal, Compared with the National Spontaneous Reporting System. *Pharmaceut Med*. 2018;32(3):189-200. doi: 10.1007/s40290-018-0232-z. Epub 2018 Jun 1. PMID:29983573

Lo AC, **Faye B**, Gyan BA, Amoah LE. Plasmodium and intestinal parasite perturbations of the infected host's inflammatory responses: a systematic review. *Parasit Vectors*. 2018 Jul 3;11(1):387. doi: 10.1186/s13071-018-2948-8. Review. PMID: 29970128

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. Implementation, coverage and equity of large-scale door-to-door delivery of Seasonal Malaria Chemoprevention (SMC) to children under 10 in Senegal. *Sci Rep*. 2018 May 1;8(1):7088. doi: 10.1038/s41598-018-25426-4. PMID: 29712991

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. Implementation, coverage and equity of large-scale door-to-door delivery of Seasonal Malaria Chemoprevention (SMC) to children under 10 in Senegal. *Sci Rep*. 2018 Apr 3;8(1):5489.

Jean-Louis A. Ndiaye, Ibrahima Diallo, Youssoupha NDiaye, Ekoue Kouevidjin, Ibrahima Aw, Fassiatou Tairou, Tidiane Ndoye, Christine M. Halleux, Isaac Manga, Mbaye Niang Dieme, Medoune Ndiop, **Babacar Faye**, Piero Olliaro, Corinne S. Merle, Oumar Gaye, Paul Milligan. Evaluation of Two Strategies for Community-Based Safety Monitoring during Seasonal Malaria Chemoprevention Campaigns in Senegal, Compared with the National Spontaneous Reporting System. *Pharm Med*, 2018 june. <https://doi.org/10.1007/s40290-018-0232-z>

2017

Guirassy ML, Mbow L, Fall B, Benoist HM, **Faye B**. Intérêt Clinique de la Spectrometrie de masse typealdi-tof dans l'étude du microbiote orale: revue de la literature. *Rev. Iv. Odonto-Stomatol.Col19, n° 1*, 2017

Mensah VA, Roetyncck S, Kanteh EK, Bowyer G, Ndaw A, Oko F, Bliss CM, Jagne YJ, Cortese R, Nicosia A, Roberts R, D'Alessio F, Leroy O, **Faye B**, Kampmann B, Cisse B, Bojang K, Gerry S, Viebig NK, Lawrie AM, Clarke E, Imoukhuede EB, Ewer KJ, Hill AVS, Afolabi MO. Safety and Immunogenicity of Malaria Vectored Vaccines Given with Routine Expanded Program on Immunization Vaccines in Gambian Infants and Neonates: A Randomized Controlled Trial. *Front Immunol*. 2017 Nov 20;8:1551. doi:10.3389/fimmu.2017.01551. eCollection 2017. PMID: 29213269

Ndiaye M, Sow D, Nag S, Sylla K, Tine RC, Ndiaye JL, Lo AC, Gaye O, **Faye B**, Alifrangis M. Country-Wide Surveillance of Molecular Markers of Antimalarial Drug Resistance in Senegal by Use of Positive Malaria Rapid Diagnostic Tests. *Am J Trop Med Hyg*. 2017 Nov;97(5):1593-1596. doi: 10.4269/ajtmh.17-0021. PMID: 29140232

Dieye Y, Storey HL, Barrett KL, Gerth-Guyette E, Di Giorgio L, Golden A, Faulx D, Kalnoky M, Ndiaye MKN, Sy N, Mané M, **Faye B**, Sarr M, Dioukhane EM, Peck RB, Guinot P, de Los Santos T. Feasibility

of utilizing the SD BIOLINE Onchocerciasis IgG4 rapid test in onchocerciasis surveillance in Senegal. PLoS Negl Trop Dis. 2017 Oct 3;11(10):e0005884. doi: 10.1371/journal.pntd.0005884. eCollection 2017 Oct. PMID: 28972982

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. PMID: 28848284

Young Sprague Dawley rats infected by *Plasmodium berghei*: A relevant experimental model to study cerebral malaria. Keita Alassane S, Nicolau-Travers ML, Menard S, Andreoletti O, Cambus JP, Gaudre N, Wlodarczyk M, Blanchard N, Berry A, Abbes S, Colongo D, **Faye B**, Augereau JM, Lacroux C, Iriart X, Benoit-Vical F. PLoS One. 2017 Jul 24;12(7):e0181300. doi: 10.1371/journal.pone.0181300. eCollection 2017. PMID: 28742109

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. Performance of Real-Time Polymerase Chain Reaction Assays for the Detection of 20 Gastrointestinal Parasites in Clinical Samples from Senegal. Am J Trop Med Hyg. 2017 Jul;97(1):173-182. doi: 10.4269/ajtmh.16-0781. PMID: 28719290

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. 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. Clin Infect Dis. 2017 Aug 15;65(4):535-543. doi: 10.1093/cid/cix355. PMID: 28605472

Diallo A, Sié A, Sirima S, Sylla K, Ndiaye M, Bountogo M, Ouedraogo E, Tine R, Ndiaye A, Coulibaly B, Ouedraogo A, **Faye B**, Ba EH, Compaore G, Tiono A, Sokhna C, Yé M, Diarra A, Bahmanyar ER, De Boer M, Pirçon JY, Usuf EA. An epidemiological study to assess Plasmodium falciparum parasite prevalence and malaria control measures in Burkina Faso and Senegal. Malar J. 2017 Feb 6;16(1):63. doi: 10.1186/s12936-017-1715-1. PMID: 28166794

2016

Pneumocystis pneumonia biological diagnosis at Fann Teaching Hospital in Dakar, Senegal. Dieng Y, Dieng T, Sow D, Wloughou S, Sylla K, Tine R, Ndiaye M, Ndiaye JL, **Faye B**, Faye O, Gaye O. J Mycol Med. 2016 Mar;26(1):56-60

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.

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**. Mycopathologia. 2015 Oct;180(3-4):173-9

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. Sow D, Ndiaye JL, Sylla K, Ba MS, Tine RC, **Faye B**, Pene M, Ndiaye M, Seck A, Lo AC, Abiola A, Dieng Y, Gaye O. Med Sante Trop. 2016

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

Cutaneous leishmaniasis due to *Leishmania infantum* associated with HIV. Diatta BA, Diallo M, Diadie S, **Faye B**, Ndiaye M, Hakim H, Diallo S, Seck B, Niang SO, Kane A, Dieng MT. *Ann Dermatol Venereol.* 2016

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

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

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

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):e0167951.

Effectiveness of Semestrial Mass Administration of Praziquantel 600 mg in the Schistosomiasis High Transmission Areas of Senegal River Basin. Abdallahi Moussa, **Faye Babacar**, Belizaire Marie Roseline Darnycka, Tine Roger Clément and Gaye Oumar, *International Journal of Tropical Disease and Health.* 17(3): 1-7, 2016, Article no.IJTDH.27007 ISSN: 2278–1005, NLM ID: 101632866

Effectiveness of Semestrial Mass Administration of Praziquantel 600 mg in the Schistosomiasis High Transmission Areas of Senegal River Basin. Abdallahi Moussa, **Faye Babacar**, Belizaire Marie Roseline Darnycka, Tine Roger Clément and Gaye Oumar, *International Journal of Tropical Disease and Health.* 17(3): 1-7, 2016, Article no.IJTDH.27007 ISSN: 2278–1005, NLM ID: 101632866

2015

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

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**. *Mycopathologia.* 2015 May 28

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. Review. Erratum in: *Lancet Infect Dis.* 2015 May;15(5):505.

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

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

2014

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.

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

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. doi: 10.1007/s13149-014-0365-6. Epub 2014 May 19. French. PMID: 24842755

Mycological profile of onychomycosis in Dakar (Senegal). Seck MC, Ndiaye D, Diongue K, Ndiaye M, Badiane AS, Sow D, Sylla K, Tine R, Ndiaye JL, **Faye B**, Ndir O. J Mycol Med. 2014 Jun;24(2):124-8. doi: 10.1016/j.mycmed.2014.02.002. Epub 2014 Mar 14. French. PMID: 24631372

2013

Selection of antimalarial drug resistance after Intermittent Preventive Treatment of infants and children (IPTi/c) in Senegal. Ndiaye Magatte, Tine Roger, **Faye Babacar**, Ndiaye Jean, Lo Aminata, Sylla Khadime, Abiola Annie, Dieng Yemou, Ndiaye Daouda, Hallett Rachel, Gaye Oumar, Alifrangis Michael. Am J Trop Med Hyg. 2013 Jun;88(6):1124-9. doi: 10.4269/ajtmh.12-0739. Epub 2013 Apr 15.

Safety monitoring of artemisinin combination therapy through a national pharmacovigilance system in an endemic malaria setting. Sylla Thiam, Jean-Louis Ndiaye, Ibrahima Diallo, Patrick Gatonga, Fatou Ba Fall, Ndella E Diallo, **Babacar Faye**, Mamadou L Diouf, Medoune Ndiop, Mame B Diouf, Oumar Gaye, Moussa Thior. Malar J. 2013 Feb 5;12:54. doi: 10.1186/1475-2875-12-54.

Prevalence of molecular markers of drug resistance in an area of seasonal malaria chemoprevention in children in Senegal. Lo AC, **Faye B**, Ba el-H, Cisse B, Tine R, Abiola A, Ndiaye M, Ndiaye JL, Ndiaye D, Sokhna C, Gomis JF, Dieng Y, Faye O, Ndir O, Milligan P, Cairns M, Hallett R, Sutherland C, Gaye O.. Malar J. 2013 Apr 23;12:137. doi: 10.1186/1475-2875-12-137

Accuracy of HRP2 RDT (Malaria Antigen P.f®) compared to microscopy and PCR for malaria diagnosis in Senegal. **Babacar Faye**; Milli Nath-Chowdhury; Roger Clément Tine; Jean Louis Ndiaye; khadime Sylla; Fabio Wasquez Camargo; Nathalie Martel; Kouakou Foly; Aminata Collé Lô; Annie Abiola; Doudou Sow; Magatte Ndiaye; Daouda Ndiaye; Momar Ndao; Oumar Gaye. Pathogens and Global Health DOI : 10.1179/2047773213Y.0000000102

Intestinal helminthiasis diagnosed in Dakar, Senegal. Ndiaye D, Ndiaye M, Gueye PA, Badiane A, Fall ID, Ndiaye YD, **Faye B**, Ndiaye JL, Tine R, Ndir O. Med Sante Trop. 2013 Feb 1;23(1):35-38

Aspects épidémiologiques des parasitoses intestinales diagnostiquées au laboratoire de Parasitologie – mycologie du centre national hospitalier de Fann, Dakar. K Sylla, RC Tine, D Sow, T Dieng, **B Faye**, JI Ndiaye, AK Niane, O Gaye, Y Dieng. Med. d'Afr. Noire, 2013, Vol 60, N°7 : 339 – 346

Dermatophytosis diagnosed at the laboratory of parasitology and mycology of Le Dantec Hospital in Dakar between 2007 and 2011. Ndiaye D, Ndiaye M, Badiane A, Seck MC, **Faye B**, Ndiaye JL, Tine R, Ndir O. J. Mycol Med. 2013 Aug 26. doi:p11: S1156-5233(13)00147-9. 10.

La Cryptosporidiose de l'enfant au Sénégal : Etude de la Prévalence et apport du diagnostic sérologique par ELISA. **Faye B**, Dieng T, Tine RC, Diouf L, Sylla K, Ndiaye M, Sow D, Ndiaye JL, Ndiaye D, Ndiaye M, Badiane AS, Seck MC, Dieng Y, Faye O, Ndir O et Gaye O. Bull. Soc. Pathol. Exot. (2013) 106:258-263. DOI 10.1007/s13149-013-0316-7

Parasitic infections among children under five years in Senegal: prevalence and effect on anaemia and nutritional status. Roger Tine, **Babacar Faye**, Cheikh T. Ndour, Khadime Sylla, Doudou Sow, Magatte Ndiaye, Jean Louis Ndiaye, Pascal Magnussen, Michael Alifrangis, Ib C. Bygbjerg And Oumar Gaye. *ISRN Parasitology*,

Cryptococcal Meningitis in Senegal: Epidemiology, Laboratory, Findings, Therapeutic and Outcome of Cases Diagnosed from 2004 to 2011. Doudou Sow, Roger Clement Tine, Khadime Sylla, Mansata Djiba, Cheikh Tidiane Ndour, Therese Dieng, Jean Louis Ndiaye, **Babacar Faye**, Daouda Ndiaye, Oumar Gaye, Yemou Dieng. *Mycopathologia*. DOI 10.1007/s11046-013-9710-8

Monitoring the efficacy and safety of three artemisinin based-combinations therapies in Senegal: results from two years surveillance. Khadime Sylla, Annie Abiola, Roger Clément Kouly Tine, **Babacar Faye**, Doudou Sow, Jean Louis Ndiaye, Magatte Ndiaye, Aminata Colé LO, Kuaku Folly, Léon Amath Ndiaye and Oumar Gaye. *BMC Infectious Diseases* 2013, 13:598

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

Acceptability by community health workers in Senegal of combining community case management of malaria and seasonal malaria chemoprevention. Tine CK Roger, Ndiaye Pascal, Ndour T Cheikh, **Faye Babacar**, Ndiaye L Jean, Sylla Khadime, Ndiaye Magatte, Cisse Badara, Sow Doudou, Magnussen Pascal, Bygbjerg C Ib, Gaye Oumar, Malar J. 2013 Dec 30;12:467. doi: 10.1186/1475-2875-12-467.

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; discussion e1001564. doi: 10.1371/journal.pmed.1001564. Epub 2013 Dec 3. Erratum in: *PLoS Med.* 2013 Dec;10(12). doi:10.1371/annotation/3db421e4-3e27-4442-8092-2ad1b778f371.