

Curriculum Vitae

Personal information **Emmanuel Bottieau**

Work experience

1. Employer: Institute of Tropical Medicine, Antwerp
 - Start date: 112012
 - End date:
 - Position: Professor of Tropical Medicine
 - Activities: Reference clinical care travel medicine, infectious diseases, HIV/AIDS
 - Head of Unit of Tropical diseases (research)
 - Director of the course Tropical Medicine and Clinical Decision Making
 - Country: Belgium
2. Employer: Institute of Tropical Medicine, Antwerp
 - Start date: 072007
 - End date: 112012
 - Position: Physician, post_doctoral researcher
 - Activities: research and educational activities
 - Country: Belgium
3. Employer: Institute of Tropical Medicine, Antwerp
 - Start date: 101999
 - End date: 072007
 - Position: Physician, pre_doctoral researcher and teacher
 - Activities: clinical care and pre-doctoral research
 - Country: Belgium

Education and training

1. Subject: Institute of Tropical Medicine, Antwerp
 - Start date: 072002
 - End date: 072007
 - Qualification: PhD
 - Organisation: University of Antwerp and Institute of Tropical Medicine
 - Country: Belgium
2. Subject: Université Libre de Bruxelles
 - Start date: 071994
 - End date: 101999
 - Qualification: Specialization in Internal Medicine
 - Organisation: Université Libre de Bruxelles (ULB)
 - Country: Belgium
3. Subject: Institute of Tropical Medicine, Antwerp
 - Start date: 091988
 - End date: 041999
 - Qualification: Post_graduate course of Tropical Medicine (ITM)
 - Organisation: Institute of Tropical Medicine, Antwerp
 - Country: Belgium
4. Subject: Université Catholique de Louvain, Bruxelles
 - Start date: 091981
 - End date: 091988
 - Qualification: Medicine
 - Organisation: Université Catholique de Louvain (UCL)
 - Country: Belgium

Additional information

Publications

Vandeputte M, van Henten S, van Griensven J, **Bottieau E**. Which trial do we need? A collaborative platform trial for cutaneous leishmaniasis amongst international travellers. Clin Microbiol Infect. 2023 May 23;S1198-743X(23)00245-8. doi: 10.1016/j.cmi.2023.05.021. Online ahead of print.

Brosius I, Dijck CV, Coppens J, Vandenheve L, Bangwen E, Vanroye F, Verschueren J; ITM MPOX Study Group; Zange S, Bugert J, Michiels J, **Bottieau E**, Soentjens P, van Griensven J, Kenyon C, Ariën KK, Esbroeck MV, Vercauteren K, Liesenborghs L. Presymptomatic viral shedding in high-risk mpox contacts: A prospective cohort study. J Med Virol. 2023 May;95(5):e28769. doi: 10.1002/jmv.28769

Camprubí-Ferrer D, Cobuccio L, Van Den Broucke S, Balardi-Sarasola L, Genton B, **Bottieau E**, Navero-Castillejos J, Martinez MJ, Jay C, Grange A, Borland S, Vaughn M, Rodriguez-Valero N, Almuedo-Riera A, D'Acremont V, Subirà C, de Alba T, Cruz A, Van Esbroeck M, Smith C, Hillman A, Hanberg B, Trauscht R, Spampinato N, Muñoz J. Clinical evaluation of BioFire® multiplex-PCR panel for acute undifferentiated febrile illnesses in travellers: a prospective multicentre study. J Travel Med. 2023 May 18;30(3):taad041. doi: 10.1093/jtm/taad041.

Kourouma K, Grovogui FM, Delamou A, Chérif MS, Ingelbeen B, Beavogui AH, van Griensven J, **Bottieau E**. Management of febrile illness in rural Guinea over a seven-year period: A retrospective study. PLOS Glob Public Health. 2022 Oct 12;2(10):e0001133. doi: 10.1371/journal.pgph.0001133. eCollection 2022.

Stelzle D, Makasi C, Schmidt V, Trevisan C, Van Damme I, Ruether C, Dorny P, Magnussen P, Zulu G, Mwape

KE, **Bottieu E**, Prazeres da Costa C, Prodjinotho UF, Carabin H, Jackson E, Fleury A, Gabriël S, Ngowi BJ, Winkler AS. Efficacy and safety of antiparasitic therapy for neurocysticercosis in rural Tanzania: a prospective cohort study. *Infection*. 2023 Mar 24;1-13. doi: 10.1007/s15010-023-02021-y. Online ahead of print

Van Den Broucke S, Vandecasteele S, Van Esbroeck M, Dorny P, Dermauw V, De Jong T, **Bottieu E**, Vereecken H, Potters I, Paredis L. Juvenile *Fasciola gigantica* emerging through the skin in a returning traveller. *J Travel Med*. 2023 Mar 10:taad033. doi: 10.1093/jtm/taad033. Online ahead of print.

Martin C, **Bottieu E**, Delforge M, Dauby N. Do people living with HIV travel safely? Assessment of travel patterns and advice-seeking behaviour in a cohort of people living with HIV in Belgium. *HIV Med*. 2023 Mar 8. doi: 10.1111/hiv.13470. Online ahead of print

Hens M, Brosius I, Berens-Riha N, Coppens J, Van Gestel L, Rutgers J, Kenyon C, Soentjens P, van Henten S, Bracke S, Vanbaelen T, Vandenhoven L, **Bottieu E**, Vercauteren K, Van Esbroeck M, Liesenborghs L, Van Dijck C; ITM mpox study group; ITM mpox study group. Characteristics of confirmed mpox cases among clinical suspects: A prospective single-centre study in Belgium during the 2022 outbreak. *New Microbes New Infect*. 2023 Feb 9;52:101093. doi: 10.1016/j.nmni.2023.101093. eCollection 2023

Herten PJ, Vlieghe E, **Bottieu E**, Florence E, Jorens PG. The Emergence of Travel-related Infections in Critical Care Units. *J Transl Int Med*. 2022 Nov 23;10(4):328-339. doi: 10.2478/jtm-2022-0042. eCollection 2022

Berens-Riha N, Bracke S, Rutgers J, Burm C, Van Gestel L, Hens M, Kenyon C, **Bottieu E**, Soentjens P, Brosius I, Van Esbroeck M, Vercauteren K, van Griensven J, van Dijck C, Liesenborghs L; ITM monkeypox study group; Members of the ITM Monkeypox Study Group. Persistent morbidity in Clade IIb mpox patients: interim results of a long-term follow-up study, Belgium, June to November 2022. *Euro Surveill*. 2023 Feb;28(7):2300072. doi: 10.2807/1560-7917.ES.2023.28.7.2300072.

Berens-Riha N, De Block T, Rutgers J, Michiels J, Van Gestel L, Hens M; ITM monkeypox study group; Kenyon C, **Bottieu E**, Soentjens P, van Griensven J, Brosius I, Ariën KK, Van Esbroeck M, Rezende AM, Vercauteren K, Liesenborghs L; ITM Monkeypox Study Group. Severe mpox (formerly monkeypox) disease in five patients after recent vaccination with MVA-BN vaccine, Belgium, July to October 2022. *Euro Surveill*. 2022 Dec;27(48):2200894. doi: 10.2807/1560-7917.ES.2022.27.48.2200894.

Coppens J, Vanroye F, Brosius I, Liesenborghs L, van Henten S, Vanbaelen T, Bracke S, Berens-Riha N, De Baetselier I, Kenyon C, Soentjens P, Florence E, Van Griensven J, Ariën KK, Jacobs BKM, Van den Bossche D, Van Esbroeck M, Vercauteren K; ITM MPX study group. Alternative sampling specimens for the molecular detection of mpox (formerly monkeypox) virus. *J Clin Virol*. 2023 Feb;159:105372. doi: 10.1016/j.jcv.2022.105372.

Díaz-Menéndez M, Angelo KM, de Miguel Buckley R, **Bottieu E**, Huits R, Grobusch MP, Gobbi FG, Asgeirsson H, Duvignaud A, Norman FF, Javelle E, Epelboin L, Rothe C, Chappuis F, Martinez GE, Popescu C, Camprubi-Ferrer D, Molina I, Odolini S, Barkati S, Kuhn S, Vaughan S, McCarthy A, Lago M, Libman MD, Hamer DH. Dengue outbreak amongst travellers returning from Cuba-GeoSentinel surveillance network, January-September 2022. *J Travel Med*. 2023 Apr 5;30(2):taac139. doi: 10.1093/jtm/taac139.

Van Dijck C, De Baetselier I, Kenyon C, Liesenborghs L; ITM Monkeypox Study Group; Vercauteren K, Van Esbroeck M. Mpox screening in high-risk populations finds no asymptomatic cases. *Lancet Microbe*. 2023 Mar;4(3):e132-e133. doi: 10.1016/S2666-5247(22)00357-3

Angelo KM, Smith T, Camprubi-Ferrer D, Balerdi-Sarasola L, Díaz Menéndez M, Servera-Negre G, Barkati S, Duvignaud A, Huber KLB, Chakravarti A, Bottieu E, Greenaway C, Grobusch MP, Mendes Pedro D, Asgeirsson H, Popescu CP, Martin C, Licitra C, de Frey A, Schwartz E, Beadsworth M, Lloveras S, Larsen CS, Guagliardo SAJ, Whitehill F, Huits R, Hamer DH, Kozarsky P, Libman M; GeoSentinel Network Collaborators. Epidemiological and clinical characteristics of patients with monkeypox in the GeoSentinel Network: a cross-sectional study. *Lancet Infect Dis*. 2022 Oct 7:S1473_3099(22)00651_X. doi: 10.1016/S1473_3099(22)00651_X. Online ahead of print. PMID: 36216018

Dubail A, Lejuste FX, Bottieu E, Koopmansch C. [A suspicious subcutaneous nodule in a woman with a history of breast carcinoma]. *Ann Pathol*. 2022 Sep 23:S0242_6498(22)00147_X. doi: 10.1016/j.annpat.2022.08.007. Online ahead of print. PMID: 36163112

Van Duffel L, Yansouni CP, Jacobs J, Van Esbroeck M, Ramadan K, Buyze J, Tsoumanis A, Barbé B, Boelaert M, Verdonck K, Chappuis F, Bottieu E. Accuracy of C-reactive Protein and Procalcitonin for Diagnosing Bacterial Infections Among Subjects With Persistent Fever in the Tropics. *Open Forum Infect Dis*. 2022 Aug 24;9(9):ofac434. doi: 10.1093/ofid/ofac434. eCollection 2022 Sep. PMID: 36092831

Peeters M, Schenk J, De Somer T, Roskams T, Locut T, Klamer S, Subissi L, Suin V, Delwaide J, Stärkel P, De Maeght S, Willems P, Colle I, Van Hoof M, Van Acker J, Van Steenkiste C, Moreno C, Janssens F, Reynders M, Steverlynck M, Verlinden W, Lasser L, de Galocsy C, Geerts A, Maus J, Gallant M, Van Outryve S, Marot A, Reynaert H, Decaestecker J, Bottieu E, Schreiber J, Mulkay JP, de Goeij S, Salame M, Dooremont D, Dastis SN, Boes J, Nijs J, Beyls J, Hens N, Nevens F, Van Gucht S, Vanwolleghem T; Belgian Association for the Study of the Liver. Viral clade is associated with severity of symptomatic genotype 3 Hepatitis E virus infections in Belgium, 2010-2018. *J Hepatol*. 2022 Sep 5:S0168_8278(22)03064_1. doi: 10.1016/j.jhep.2022.08.033. Online ahead of print. PMID: 36075495

De Baetselier I, Van Dijck C, Kenyon C, Coppens J, Michiels J, de Block T, Smet H, Coppens S, Vanroye F, Bugert JJ, Girdl P, Zange S, Liesenborghs L, Brosius I, van Griensven J, Selhorst P, Florence E, Van den Bossche D, Ariën KK, Rezende AM, Vercauteren K, Van Esbroeck M; ITM Monkeypox study group. Retrospective detection of asymptomatic monkeypox virus infections among male sexual health clinic attendees in Belgium. *Nat Med*. 2022 Aug 12. doi: 10.1038/s41591-022-02004-w. Online ahead of print. PMID: 35961373

Hasker E, Hope A, Bottieu E. Gambiense human African trypanosomiasis: the bumpy road to elimination. *Curr Opin Infect Dis*. 2022 Oct 1;35(5):384-389. doi: 10.1097/QCO.0000000000000860. Epub 2022 Aug 3. PMID: 35942856

Antoons V, Groignet S, Tuerlinckx D, Chatzis O, Sokal E, Dorny P, Bradbury RS, Bottieu E, Van der Linden D. A Case of Autochthonous Hepatic Capillaritis in a Refugee Child in Belgium. *Pediatr Infect Dis J*. 2022 Oct 1;41(10):e447_e448. doi: 10.1097/INF.0000000000003661. Epub 2022 Aug 3. PMID: 35939609

Camprubi-Ferrer D, Oteo JA, Bottieu E, Genton B, Balerdi-Sarasola L, Portillo A, Cobuccio L, Van Den Broucke S, Santibáñez S, Cadar D, Rodríguez-Valero N, Almuedo-Riera A, Subirà C, d'Acremont V, Martínez MJ, Roldán M, Navero-Castillejos J, Van Esbroeck M, Muñoz J. Doxycycline responding illnesses in returning travellers with undifferentiated non-malaria fever: a european multicenter prospective cohort study. *J Travel Med*. 2022 Aug 6:taac094. doi: 10.1093/jtm/taac094. Online ahead of print. PMID: 35932455

Mande G, Akonda I, De Weggheleire A, Brosius I, Liesenborghs L, Bottieu E, Ross N, Gembu GC, Colebunders R, Verheyen E, Ngonda D, Leirs H, Laudoit A. Enhanced surveillance of monkeypox in Bas-Uélé, Democratic Republic of Congo: the limitations of symptom-based case definitions. *Int J Infect Dis*. 2022 Sep;122:647-655. doi: 10.1016/j.ijid.2022.06.060. Epub 2022 Jul 7. PMID: 35809857

Potters I, Bottieu E, Yansouni CP, Cnops L, Cox H, Vereecken H, Drieghe C, Verschueren J, Van den Bossche D. The case for parasitological stool microscopy. *Clin Microbiol Infect*. 2022 Oct;28(10):1310-1312. doi: 10.1016/j.cmi.2022.05.031. Epub 2022 May 31. PMID: 35659926

Bottieu E, Van Duffel L, El Safi S, Koirala KD, Khanal B, Rijal S, Bhattarai NR, Phe T, Lim K, Mukendi D, Kalo JL,

Lutumba P, Barbé B, Jacobs J, Van Esbroeck M, Foqué N, Tsoumanis A, Parola P, Yansouni CP, Boelaert M, Verdonck K, Chappuis F. Etiological spectrum of persistent fever in the tropics and predictors of ubiquitous infections: a prospective four-country study with pooled analysis. *BMC Med.* 2022 May 2;20(1):144. doi: 10.1186/s12916-022-02347-8. PMID: 35491421

Van Bortel W, Van den Poel B, Hermans G, Vanden Driessche M, Molzahn H, Deblauwe I, De Wolf K, Schneider A, Van Hul N, Müller R, Wilmaerts L, Gombier S, Smits N, Kattenberg JH, Monsieurs P, Rosanas-Urgell A, Van Esbroeck M, Bottieau E, Maniewski-Kelner U, Rebollo J. Two fatal autochthonous cases of airport malaria, Belgium, 2020. *Euro Surveill.* 2022 Apr;27(16):2100724. doi: 10.2807/1560_7917.ES.2022.27.16.2100724. PMID: 35451360

Tamarozzi F, Rodari P, Salas-Coronas J, Bottieau E, Salvador F, Soriano-Pérez MJ, Cabeza-Barrera MI, Van Esbroeck M, Treviño B, Buonfrate D, Gobbi FG. A large case series of travel-related Mansonella perstans (vector-borne filarial nematode): a TropNet study in Europe. *J Travel Med.* 2022 Apr 13;taac048. doi: 10.1093/jtm/taac048. Online ahead of print. PMID: 35417002

Dal-Ré R, Becker SL, Bottieau E, Holm S. Availability of oral antivirals against SARS-CoV-2 infection and the requirement for an ethical prescribing approach. *Lancet Infect Dis.* 2022 Aug;22(8):e231-e238. doi: 10.1016/S1473-3099(22)00119-0. Epub 2022 Mar 29. PMID: 35364019

Tournoy TK, Rosanas-Urgell A, Van Esbroeck M, Bottieau E, Huits R. Plasmodium malariae after successful treatment of P. falciparum malaria with artemether-lumefantrine. *Int J Infect Dis.* 2022 Jun;119:56-58. doi: 10.1016/j.ijid.2022.03.045. Epub 2022 Mar 28. PMID: 35358721

Huits R, Van Ierssel S, Rosanas-Urgell A, Van den Bossche D, Bottieau E. Parvovirus B19-associated transient aplastic crisis following P. falciparum malaria and post-artesunate delayed haemolysis in a returning traveller. *J Travel Med.* 2022 Jul 14;29(4):taac042. doi: 10.1093/jtm/taac042. PMID: 35325172

Van der Auwera G, Davidsson L, Buffet P, Ruf MT, Gramiccia M, Varani S, Chicharro C, Bart A, Harms G, Chiodini PL, Brekke H, Robert-Gangneux F, Cortes S, Verweij JJ, Scarabello A, Karlsson Söbirk S, Guéry R, van Henten S, Di Muccio T, Carra E, van Thiel P, Vandeputte M, Gaspari V, Blum J; LeishMan Surveillance network. Surveillance of leishmaniasis cases from 15 European centres, 2014 to 2019: a retrospective analysis. *Euro Surveill.* 2022 Jan;27(4):2002028. doi: 10.2807/1560_7917.ES.2022.27.4.2002028. PMID: 35086613

Camprubi-Ferrer D, Cobuccio L, Van Den Broucke S, Genton B, Bottieau E, d'Acremont V, Rodriguez-Valero N, Almuedo-Riera A, Balerdi-Sarasola L, Subirà C, Fernandez-Pardos M, Martinez MJ, Navero-Castillejos J, Vera I, Llenas-Garcia J, Rothe C, Cadar D, Van Esbroeck M, Foque N, Muñoz J. Causes of fever in returning travelers: a European multicenter prospective cohort study. *J Travel Med.* 2022 Mar 21;29(2):taac002. doi: 10.1093/jtm/taac002. PMID: 35040473

Laumen JGE, Van Dijck C, Abdellati S, De Baetselier I, Serrano G, Manoharan-Basil SS, Bottieau E, Martiny D, Kenyon C. Antimicrobial susceptibility of commensal Neisseria in a general population and men who have sex with men in Belgium. *Sci Rep.* 2022 Jan 7;12(1):9. doi: 10.1038/s41598-021-03995-1. PMID: 34997050

Mubanga C, Van Damme I, Trevisan C, Schmidt V, Phiri IK, Zulu G, Noh J, Handali S, Mambo R, Chembensofu M, Masuku M, Reynders D, Jansen F, Bottieau E, Magnussen P, Winkler AS, Dorny P, Mwape KE, Gabriël S. Evaluation of an Antibody Detecting Point of Care Test for Diagnosis of Taenia solium Cysticercosis in a Zambian Rural Community: A Prospective Diagnostic Accuracy Study. *Diagnostics (Basel).* 2021 Nov 15;11(11):2121. doi: 10.3390/diagnostics11112121. PMID: 34829468

Mubanga C, Trevisan C, Van Damme I, Schmidt V, Phiri IK, Zulu G, Noh J, Handali S, Mambo R, Chembensofu M, Masuku M, Reynders D, Jansen F, Bottieau E, Magnussen P, Winkler AS, Dorny P, Mwape KE, Gabriël S. Challenges Encountered When Evaluating an Antibody-Detecting Point-of-Care Test for Taeniosis in an Endemic Community in Zambia: A Prospective Diagnostic Accuracy Study. *Diagnostics (Basel).* 2021 Nov 4;11(11):2039. doi: 10.3390/diagnostics11112039. PMID: 34829386

Van Den Broucke S, Bogaerts P, Vrydaghs N, Micalessi I, Van Esbroeck M, Bottieau E. A couple returning from Peru with persistent fever: think of histoplasmosis. *Int J Infect Dis.* 2021 Dec;113:268-270. doi: 10.1016/j.ijid.2021.10.039. Epub 2021 Oct 29. PMID: 34715360

Trevisan C, Damme IV, Ngowi B, Schmidt V, Stelzle D, Möller KS, Kabululu M, Makasi CE, Magnussen P, Bottieau E, Abatih E, Johansen MV, Ngowi H, Ndawi B, Mwape KE, Zulu G, Dorny P, Winkler AS, Gabriël S, On Behalf Of The Solid Consortium. Trial Design of a Prospective Multicenter Diagnostic Accuracy Study of a Point-of-Care Test for the Detection of Taenia solium Taeniosis and Neurocysticercosis in Hospital-Based Settings in Tanzania. *Diagnostics (Basel).* 2021;11(9):1528. doi: 10.3390/diagnostics11091528.

Bottieau E, Huits R, Van Den Broucke S, Maniewski U, Declercq S, Brosius I, Theunissen C, Feyens AM, Van Esbroeck M, van Griensven J, Clerinx J, Soentjens P. Human filariasis in travelers and migrants: a retrospective 25-year analysis at the Institute of Tropical Medicine, Antwerp, Belgium. *Clin Infect Dis.* 2021 Aug 31;ciab751. doi: 10.1093/cid/ciab751. Online ahead of print.

Buonfrate D, Fittipaldo A, Vlieghe E, Bottieau E. Clinical and laboratory features of Strongyloides stercoralis infection at diagnosis and after treatment: a systematic review and meta-analysis. *Clin Microbiol Infect.* 2021 Jul 26;S1198-743X(21)00408-0. doi: 10.1016/j.cmi.2021.07.016. Online ahead of print.

Ravinetto R, Caillet C, Zaman MH, Singh JA, Guerin PJ, Ahmad A, Durán CE, Jesani A, Palmero A, Merson L, Horby PW, Bottieau E, Hoffmann T, Newton PN. Preprints in times of COVID19: the time is ripe for agreeing on terminology and good practices. *BMC Med Ethics.* 2021 Jul 28;22(1):106. doi: 10.1186/s12910-021-00667-7.

Van Damme I, Trevisan C, Mwape KE, Schmidt V, Magnussen P, Zulu G, Mubanga C, Stelzle D, Bottieau E, Abatih E, Phiri IK, Johansen MV, Chabala C, Winkler AS, Dorny P, Gabriël S, On Behalf Of The Solid Consortium. Trial Design for a Diagnostic Accuracy Study of a Point-of-Care Test for the Detection of Taenia solium Taeniosis and (Neuro)Cysticercosis in Community Settings of Highly Endemic, Resource-Poor Areas in Zambia: Challenges and Rationale. *Diagnostics (Basel).* 2021 Jun 22;11(7):1138. doi: 10.3390/diagnostics11071138.

Roucher C, Brosius I, Mbow M, Faye BT, De Hondt A, Smekens B, Arango D, Burm C, Tsoumanis A, Paredis L, van Herwege Y, Potters I, Cisse B, Mboup S, Polman K, Bottieau E. Evaluation of Artesunate-mefloquine as a Novel Alternative Treatment for Schistosomiasis in African Children (SchistoSAM): protocol of a proof-of-concept, open-label, two-arm, individually-randomised controlled trial. *BMJ Open.* 2021 Jun 24;11(6):e047147. doi: 10.1136/bmjopen-2020-047147.

Neumayr A, Schunk M, Theunissen C, Van Esbroeck M, Mechain M, Hatz C, Mørch K, Soriano Pérez MJ, Sydow V, Sothmann P, Kuenzli E, Rothe C, Bottieau E. Efficacy and tolerability of quinacrine monotherapy and albendazole plus chloroquine combination therapy in nitroimidazole-refractory giardiasis: a TropNet study. *Clin Infect Dis.* 2021 Jun 11;ciab513. doi: 10.1093/cid/ciab513. Online ahead of print

Vignier N, Bouchaud O, Angheben A, Bottieau E, Calleri G, Salas-Coronas J, Martin C, Ramos JM, Mechain M, Rapp C, Nothdurft HD, Velasco M, Bardaji A, Rojo-Marcos G, Visser LG, Hatz C, Bisoffi Z, Jelinek T, Duparc S, Bourhis Y, Tommasini S, Iannucelli M, Bacchieri A, Mattera GG, Merlo Pich E, Behrens RH. Longitudinal study based on a safety registry for malaria patients treated with arteminol-piperaquine in six European countries. *Malar J.* 2021 May 8;20(1):214. doi: 10.1186/s12936-021-03750-

Mukendi D, Kalo JL, Lutumba P, Barbé B, Jacobs J, Yansouni CP, Gabriël S, Dorny P, Chappuis F, Boelaert M, Winkler

AS, Verdonck K, Bottieau E. High frequency of *Taenia solium* antigen positivity in patients admitted for neurological disorders in the Rural Hospital of Mosango, Democratic Republic of Congo. *BMC Infect Dis*. 2021 Apr 17;21(1):359. doi: 10.1186/s12879-021-06032-8

Camprubí_Ferrer D, Portillo A, Santibáñez S, Almuedo_Riera A, Rodríguez_Valero N, Subirá C, Martínez MJ, Navero_Castillejos J, Fernandez_Pardos M, Genton B, Cobuccio L, Van Den Broucke S, Bottieau E, Muñoz J, Oteo JA. Incidence of human granulocytic anaplasmosis in returning travelers with fever. *J Travel Med*. 2021 Apr 9:taab056. doi: 10.1093/jtm/taab056. [Online ahead of print]

Martin C, Domingo C, Bottieau E, Buonfrate D, De Wit S, Van Laethem Y, Dauby N. Immunogenicity and duration of protection after yellow fever vaccine in people living with human immunodeficiency virus: a systematic review. *Clin Microbiol Infect*. 2021 Apr 1:S1198_743X(21)00139_7. doi: 10.1016/j.cmi.2021.03.004 [Online ahead of print]

Hotterbeekx A, Verdonck K, Mukendi D, Lilo_Kalo JR, Lutumba P, Boelaert M, Hardy L, Barbé B, Jacobs J, Bottieau E, Colebunders R. Onchocerciasis Prevalence among Persons with Epilepsy in an Onchocerciasis Hypo_Endemic Area in the Democratic Republic of Congo: A Cross_Sectional Study. *Pathogens*. 2021 Mar 24;10(4):389. doi: 10.3390/pathogens10040389

Dauby N, Hautekiet J, Catteau L, Montourcy M, Van Beckhoven D, Bottieau E, Goetghebeur E. Reply to "The perceived efficacy of hydroxychloroquine in observational studies: the results of the confounding effects of 'goals of care'". *Int J Antimicrob Agents*. 2021 Feb 17:106307. doi: 10.1016/j.ijantimicag.2021.106307.

Soentjens P, Berens_Riha N, Van Herreweghe Y, Van Damme P, Bottieau E, Ravinetto R. Vaccinating children in high_endemic rabies regions: what are we waiting for? *BMJ Glob Health*. 2021 Feb;6(2):e004074. doi: 10.1136/bmjgh.2020_004074

Dauby N, Catteau L, Hautekiet J, Montourcy M, Bottieau E, Goetghebeur E, Van Beckhoven D. Reply to 'Low_dose hydroxychloroquine therapy and lower mortality in hospitalized patients with COVID_19: association does not mean causality'. *Int J Antimicrob Agents*. 2021 Feb;57(2):106261. doi: 10.1016/j.ijantimicag.2020.106261.

Dauby N, Bottieau E. The unfinished story of hydroxychloroquine in COVID_19: The right anti_inflammatory dose at the right moment? *Int J Infect Dis*. 2021 Feb;103:1_2. doi: 10.1016/j.ijid.2020.10.032

Ingelbeen B, Koirala KD, Verdonck K, Barbé B, Mukendi D, Thong P, El Safi S, Van Duffel L, Bottieau E, van der Sande MAB, Boelaert M, Chappuis F, Jacobs J. Antibiotic use prior to seeking medical care in patients with persistent fever: a cross_sectional study in four low_and middle_income countries. *Clin Microbiol Infect*. 2020 Nov 11:S1198_743X(20)30696_0. doi: 10.1016/j.cmi.2020.11.003. Online ahead of print.

Vandeputte M, van Henten S, van Griensven J, Huits R, Van Esbroeck M, Van der Auwera G, Cnops L, Bottieau E. Epidemiology, clinical pattern and impact of species_specific molecular diagnosis on management of leishmaniasis in Belgium, 2010_2018: A retrospective study. *Travel Med Infect Dis*. 2020 Nov_Dec;38:101885. doi: 10.1016/j.tmaid.2020.101885.

Catteau L, Dauby N, Montourcy M, Bottieau E, Hautekiet J, Goetghebeur E, van Ierssel S, Duysburgh E, Van Oyen H, Wyndham_Thomas C, Van Beckhoven D; Belgian Collaborative Group on COVID_19 Hospital Surveillance. Low_dose hydroxychloroquine therapy and mortality in hospitalised patients with COVID_19: a nationwide observational study of 8075 participants. *Int J Antimicrob Agents*. 2020:106144. doi: 10.1016/j.ijantimicag.2020.106144.

van Griensven J, Cnops L, De Weggheleire A, Declercq S, Bottieau E. Point_of_Care Biomarkers to Guide Antibiotic Prescription for Acute Febrile Illness in Sub_Saharan Africa: Promises and Caveats. *Open Forum Infect Dis*. 2020 Jun 30;7(8):ofaa260. doi: 10.1093/ofid/ofaa260.

Nicolini LA, Stoney RJ, Vecchia AD, Grobusch M, Gautret P, Angelo KM, van Genderen PJJ, Bottieau E, Leder K, Asgeirsson H, Leung D, Connor B, Pandey P, Toscanini F, Gobbi F, Castelli F, Bassetti M, Hamer DH. Travel_related hepatitis E: a two decade GeoSentinel analysis. *J Travel Med*. 2020 Aug 12:taaa132. doi: 10.1093/jtm/taaa132. Online ahead of print

Gabriël S, Mwape KE, Hobbs EC, Devleesschauwer B, Van Damme I, Zulu G, Mwelwa C, Mubanga C, Masuku M, Mambwe M, De Coster T, Phiri IK, Berkvens DL, Colston A, Bottieau E, Speybroeck N, Ketzis JK, Willingham AL, Trevisan C, Dorny P. Evidence for potential elimination of active *Taenia solium* transmission in Africa? *N Engl J Med*. 2020 Jul 23;383(4):396_397. doi: 10.1056/NEJMc1909955.

Soentjens P, Van Damme P, Bottieau E. Alternative abridged preventive regimens against rabies for children in high endemic countries. *Vaccine*. 2020 Jul 31;38(35):5578_5579. doi: 10.1016/j.vaccine.2020.06.029

Gobbi F, Tamarozzi F, Buonfrate D, van Lieshout L, Bisoffi Z, Bottieau E; TropNet Schisto Task Force. New Insights on Acute and Chronic Schistosomiasis: Do We Need a Redefinition? *Trends Parasitol*. 2020 Aug;36(8):660_667. doi: 10.1016/j.pt.2020.05.009. Epub 2020 Jun 3

Theunissen C, Bottieau E, Van Esbroeck M, Tsoumanis A, Florence E. Should We Screen HIV_Positive Migrants for Strongyloidiasis? *Pathogens*. 2020 May 18;9(5):388. doi: 10.3390/pathogens9050388

Van Den Broucke S, Potters I, Van Esbroeck M, Cnops L, Siozopoulou V, Hammoud C, Huyse T, Bottieau E. A Woman With Chronic Lower Abdominal Pain, Vaginal Discharge, and Infertility After a Stay in Mali. *Open Forum Infect Dis*. 2020 Apr 26;7(5):ofaa133. doi: 10.1093/ofid/ofaa133.

Angelo KM, Stoney RJ, Brun_Cottan G, Leder K, Grobusch MP, Hochberg N, Kuhn S, Bottieau E, Schlagenhauf P, Chen L, Hynes NA, Perez CP, Mockenhaupt FP, Molina I, Crespillo_Andújar C, Malvy D, Caumes E, Plourde P, Shaw M, McCarthy AE, Piper_Jenks N, Connor BA, Hamer DH, Wilder-Smith A. Zika among international travellers presenting to GeoSentinel sites, 2012_2019: implications for clinical practice. *J Travel Med*. 2020 Jul 14;27(4):taaa061. doi: 10.1093/jtm/taaa061.

Abena PM, Declodet EH, Bottieau E, Suleman F, Adejumo P, Sam_Agudu NA, Muyembe Tamfum JJ, Seydi M, Eholie SP, Mills EJ, Kallay O, Zumla A, Nachega JB. Chloroquine and Hydroxychloroquine for the Prevention or Treatment of COVID_19 in Africa: Caution for Inappropriate Off_label Use in Healthcare Settings. *Am J Trop Med Hyg*. 2020 Jun;102(6):1184_1188. doi: 10.4269/ajtmh.20_0290.

Cnops L, Huyse T, Maniewski U, Soentjens P, Bottieau E, Van Esbroeck M, Clerinx J. Acute Schistosomiasis With A S. Matthei X S. Haematobium Hybrid Species in a Cluster of 34 Travelers Infected in South Africa. *Clin Infect Dis* 2020 Mar 26: ctaa312. doi: 10.1093/cid/ctaa312. Online ahead of print.

Muehlenbein MP, Angelo KM, Schlagenhauf P, Chen L, Grobusch MP, Gautret P, Duvignaud A, Chappuis F, Kain KC, Bottieau E, Epelboin L, Shaw M, Hynes N, Hamer DH; GeoSentinel Surveillance Network. Traveler Exposures to Animals: A GeoSentinel Analysis. *J Travel Med*. 2020 Jan 28:taaa010. doi: 10.1093/jtm/taaa010. Online ahead of print

Milas S, Rossi C, Philippart I, Dorny P, Bottieau E. Autochthonous Human Fascioliasis, Belgium. *Emerg Infect Dis*. 2020 Jan;26(1):155_157. doi: 10.3201/eid2601.190190 Gautret P, Angelo KM, Asgeirsson H, Duvignaud A, van Genderen PJJ, Bottieau E, Chen LH, Parker S, Connor BA, Barnett ED, Libman M, Hamer DH; GeoSentinel Network. International mass gatherings and travel_associated illness: A GeoSentinel cross_sectional, observational study. *Travel Med Infect Dis*. 2019 Nov 9;32:101504. doi: 10.1016/j.tmaid.2019.101504. Online ahead of print.

Rovira_Vallbona E, Bottieau E, Guetens P, Verschueren J, Rebolledo J, Nulens E, Van der Hilst J, Clerinx J, Van Esbroeck M, Rosanas_Urgell A. Imported malaria and artemisinin_based combination therapy failure in travellers returning to Belgium: A retrospective study. *Travel Med Infect Dis.* 2019 Oct 31;101505. doi: 10.1016/j.tmaid.2019.101505. Online ahead of print.

Bottieau E, Mukendi D, Kalo JL, Lutumba P, Barbé B, Ramadan K, Van Esbroeck M, Jacobs J, Yansouni CP, Chappuis F, Boelaert M, Winkler AS, Verdonck K. *Sci Rep.* Potential usefulness of C-reactive protein and procalcitonin determination in patients admitted for neurological disorders in rural Democratic Republic of Congo. 2019 Oct 29;9(1):15505. doi: 10.1038/s41598_019_51925_z.

Boggild AK, Caumes E, Grobusch MP, Schwartz E, Hynes NA, Libman M, Connor BA, Chakrabarti S, Parola P, Keystone JS, Nash T, Showler AJ, Schunk M, Asgeirsson H, Hamer DH, Kain KC; GeoSentinel Surveillance Network. Cutaneous and mucocutaneous leishmaniasis in travellers and migrants: a 20_year GeoSentinel Surveillance Network analysis. *J Travel Med.* 2019 Dec 23;26(8):taz055. doi: 10.1093/jtm/taz055

Epelboin L, Rapp C, Faucher JF, Méchaï F, Bottieau E, Matheron S, Malvy D, Caumes E. Management and treatment of uncomplicated imported malaria in adults. Update of the French malaria clinical guidelines. *Med Mal Infect.* 2019 Sep 4. pii: S0399_077X(18)30708_X. doi: 10.1016/j.medmal.2019.07.011. [Epub ahead of print]

Soentjens P, Croughs M, Burm C, Declercq S, Clerinx J, Maniewski U, Van Den Broucke S, Theunissen C, Huits R, Brosius I, Florence E, Kenyon C, Van Griensven J, Van Iersel S, Lynen L, Balliauw K, Van Gucht S, Van Esbroeck M, Vlieghe E, Bottieau E, Van Herreweghe Y. Time of administration of rabies immunoglobulins and adequacy of antibody response upon post_exposure prophylaxis: a descriptive retrospective study in Belgium. *Acta Clin Belg.* 2019 Sep 4;1_7. doi: 10.1080/17843286.2019.1662993. [Epub ahead of print]

Dermauw V, Van Den Broucke S, Van Bockstal L, Luyten L, Luyckx K, Bottieau E, Dorny P. Cysticercosis and taeniasis cases diagnosed at two referral medical institutions, Belgium, 1990 to 2015. *Euro Surveill.* 2019 Aug;24(35). doi: 10.2807/1560_7917.ES.2019.24.35.1800589

Cucchetto G, Buonfrate D, Marchese V, Rodari P, Ferrari A, Zanotti P, Bottieau E, Silva R, Bisoffi Z, Gobbi F. High_dose or Multi_day Praziquantel for Imported Schistosomiasis? A Systematic Review. *J Travel Med.* 2019 Jul 16. pii: taz050. doi: 10.1093/jtm/taz050. [Epub ahead of print]

Potters I, Van Duffel L, Broeckx G, Bottieau E. Intestinal schistosomiasis: a very long_lived tropical parasite. *Clin Microbiol Infect.* 2019 Feb 20. pii: S1198_743X(19)30061_8. doi: 10.1016/j.cmi.2019.02.014. [Epub ahead of print]

Bottieau E, Clerinx J. Human African Trypanosomiasis: Progress and Stagnation. *Infect Dis Clin North Am.* 2019;33(1):61_77. doi: 10.1016/j.idc.2018.10.003.

Soentjens P, De Koninck K, Tsoumanis A, Herssens N, Van Den Bossche D, Terryn S, Van Gucht S, Van Damme P, Van Herreweghe Y, Bottieau E. A Comparative Immunogenicity and Safety Trial of Two Different Schedules of Single_visit Intradermal Rabies Post_exposure Vaccination Following a Single_visit Pre_exposure Vaccination. *Clin Infect Dis.* 2018 Dec 19. doi: 10.1093/cid/ciy983. [Epub ahead of print]

Wilder_Smith A, van Genderen PJ, Barkati S, Coyle C, Staehelin C, Richter J, Bottieau E. Clinical pearls in travellers and migrants. *J Travel Med.* 2019;26(1). doi: 10.1093/jtm/tay147.

Bonnefond S, Cnops L, Duvignaud A, Bottieau E, Pistone T, Clerinx J, Malvy D. Early complicated schistosomiasis in a returning traveller: Key contribution of new molecular diagnostic methods. *Int J Infect Dis.* 2019;79:72_74. doi: 10.1016/j.ijid.2018.11.018.

Soentjens P, Andries P, Aerssens A, Tsoumanis A, Ravinetto R, Heuninckx W, van Loen H, Brochier B, Van Gucht S, Van Damme P, Van Herreweghe Y, Bottieau E. Pre_exposure intradermal rabies vaccination: a non_inferiority trial in healthy adults on shortening the vaccination schedule from 28 to 7 days. *Clin Infect Dis.* 2019;68(4):607_614. doi: 10.1093/cid/ciy513

Huits R, Van Den Bossche D, Eggermont K, Lotgering E, Feyens AM, Potters I, Jacobs J, Van Esbroeck M, Cnops L, Bottieau E. Incidence of Zika virus infection in a prospective cohort of Belgian travellers to the Americas in 2016. *Int J Infect Dis.* 2019;78:39_43. doi: 10.1016/j.ijid.2018.10.010.

Bhargava A, Ralph R, Chatterjee B, Bottieau E. Assessment and initial management of acute undifferentiated fever in tropical and subtropical regions. *BMJ.* 2018;363:k4766. doi: 10.1136/bmj.k4766.

Schlagenhauf P, Grobusch MP, Hamer DH, Asgeirsson H, Jensenius M, Eperon G, Rothe C, Isenring E, Fehr J, Schwartz E, Bottieau E, Barnett ED, McCarthy A, Kelly P, Schade Larsen C, van Genderen P, Stauffer W, Libman M, Gautret P. Area of exposure and treatment challenges of malaria in Eritrean migrants: a GeoSentinel analysis. *Malar J.* 2018;17(1):443. doi: 10.1186/s12936_018_2586_9.

Gobbi F, Bottieau E, Bouchaud O, Buonfrate D, Salvador F, Rojo_Marcos G, Rodari P, Clerinx J, Treviño B, Herrera_Avila JP, Neumayr A, Calleri G, Angheben A, Rothe C, Zammarchi L, Guerriero M, Bisoffi Z. Comparison of different drug regimens for the treatment of loiasis_A TropNet retrospective study. *PLoS Negl Trop Dis.* 2018;12(11):e0006917. doi: 10.1371/journal.pntd.0006917. Clinical and microscopic predictors of Entamoeba histolytica intestinal infection in travelers and migrants diagnosed with Entamoeba histolytica/dyspar infection.

Van Den Broucke S, Verschueren J, Van Esbroeck M, Bottieau E, Van den Ende J. *PLoS Negl Trop Dis.* 2018;12(10):e0006892. doi: 10.1371/journal.pntd.0006892.

Agbata EN, Morton RL, Bisoffi Z, Bottieau E, Greenaway C, Biggs BA, Montero N, Tran A, Rowbotham N, Arevalo_Rodriguez I, Myran DT, Noori T, Alonso_Coello P, Pottier K, Requena_Méndez A. Effectiveness of Screening and Treatment Approaches for Schistosomiasis and Strongyloidiasis in Newly_Arrived Migrants from Endemic Countries in the EU/EEA: A Systematic Review. *Int J Environ Res Public Health.* 2018;16(1). pii: E11. doi: 10.3390/ijerph16010011. 2018

Huits R, De Ganck G, Clerinx J, Büscher P, Bottieau E. A veterinarian with fever, rash and chancre after holidays in Uganda. *J Travel Med.* 2018 Oct 17. doi: 10.1093/jtm/tay104. [Epub ahead of print]

Huits R, Maniewski U, Van Den Bossche D, Lotgering E, Tsoumanis A, Cnops L, Jacobs J, Van Esbroeck M, Bottieau E. A cross_sectional analysis of Zika virus infection in symptomatic and asymptomatic non_pregnant travellers: Experience of a European reference center during the outbreak in the Americas. *Travel Med Infect Dis.* 2018 Sep 8. pii: S1477_8939(18)30282_5. doi: 10.1016/j.tmaid.2018.08.007. [Epub ahead of print]

Potters I, Vanfraechem G, Bottieau E. *Dirofilaria repens* Nematode Infection with Microfilaremia in Traveler Returning to Belgium from Senegal. *Emerg Infect Dis.* 2018 Sep;24(9):1761_1763. doi: 10.3201/eid2409.180462.

Mukendi D, Kalo JL, Kayembe T, Lutumba P, Barbé B, Gillet P, Jacobs J, Yansouni CP, Chappuis F, Verdonck K, Boelaert M, Winkler AS, Bottieau E. Where there is no brain imaging: Safety and diagnostic value of lumbar puncture in patients with neurological disorders in a rural hospital of Central Africa. *J Neurol Sci.* 2018 Oct 15;393:72_79. doi: 10.1016/j.jns.2018.08.004. Epub 2018 Aug 9.

Salzer HJF, Stoney RJ, Angelo KM, Rolling T, Grobusch MP, Libman M, López_Vélez R, Duvignaud A, Ásgeirsson H, Crespiello_Andújar C, Schwartz E, Gautret P, Bottieau E, Jordan S, Lange C, Hamer DH; GeoSentinel Surveillance Network. Epidemiological aspects of travel_related systemic endemic mycoses: a GeoSentinel analysis, 1997_2017.

J Travel Med. 2018 Aug 1;25(1). doi: 10.1093/jtm/tay055.

Huits R, Van Den Bossche D, Bottieau E, Van Esbroeck M. Re: Lack of Zika virus antibody response in confirmed patients in non_endemic countries. J Clin Virol. 2018 Sep;106:33. doi: 10.1016/j.jcv.2018.07.005. Epub 2018 Jul 17.

Bottieau E, Yansouni CP. Fever in the tropics: the ultimate clinical challenge? Clin Microbiol Infect. 2018 Aug;24(8):806_807. doi: 10.1016/j.cmi.2018.06.018. Epub 2018 Jun 27.

Soentjens P, Andries P, Aerssens A, Tsoumanis A, Ravinetto R, Heuninckx W, van Loen H, Brochier B, Van Gucht S, Van Damme P, Van Herwege Y, Bottieau E. Pre_exposure intradermal rabies vaccination: a non_inferiority trial in healthy adults on shortening the vaccination schedule from 28 to 7 days. Clin Infect Dis. 2018 Jun 25. doi: 10.1093/cid/ciy513. [Epub ahead of print]

L de Vries SG, Visser BJ, Stoney RJ, Wagenaar JFP, Bottieau E, Chen LH, Wilder_Smith A, Wilson M, Rapp C, Leder K, Caumes E, Schwartz E, Hynes NA, Goorhuis A, Esposito DH, Hamer DH, Grobusch MP, For The GeoSentinel Surveillance Network. Leptospirosis among Returned Travelers: A GeoSentinel Site Survey and Multicenter Analysis_1997_2016. Am J Trop Med Hyg. 2018 Jul;99(1):127_135. doi: 10.4269/ajtmh.18_0020. Epub 2018 May 10.

Huits R, De Kort J, Van Den Berg R, Chong L, Tsoumanis A, Eggermont K, Bartholomeeusen K, Ariën KK, Jacobs J, Van Esbroeck M, Bottieau E, Cnops L. Chikungunya virus infection in Aruba: Diagnosis, clinical features and predictors of post_chikungunya chronic polyarthralgia. PLoS One. 2018 Apr 30;13(4):e0196630. doi: 10.1371/journal.pone.0196630.

Hobbs EC, Mwape KE, Devleeschauwer B, Gabriël S, Chembensofu M, Mambwe M, Phiri IK, Masuku M, Zulu G, Colston A, Willingham AL, Berkvens D, Dorny P, Bottieau E, Speybroeck N. Taenia solium from a community perspective: Preliminary costing data in the Katete and Sinda districts in Eastern Zambia. Vet Parasitol. 2018 Feb 15;251:63_67. doi: 10.1016/j.vetpar.2018.01.001. Epub 2018 Jan 3.

Olaru ID, Van Den Broucke S, Rosser AJ, Salzer HJF, Woltmann G, Bottieau E, Lange C. Pulmonary Diseases in Refugees and Migrants in Europe. Respiration. 2018;95(4):273_286. doi: 10.1159/000486451. Epub 2018 Feb 7. Review.

Hobbs EC, Mwape KE, Van Damme I, Berkvens D, Zulu G, Mambwe M, Chembensofu M, Phiri IK, Masuku M, Bottieau E, Devleeschauwer B, Speybroeck N, Colston A, Dorny P, Willingham AL 3rd, Gabriël S. Preliminary assessment of the computer_based Taenia solium educational program 'The Vicious Worm' on knowledge uptake in primary school students in rural areas in eastern Zambia. Trop Med Int Health. 2018 Mar;23(3):306_314. doi: 10.1111/tmi.13029. Epub 2018 Jan 29.

Boelaert M, Mukendi D, Bottieau E, Kalo Lilo JR, Verdonck K, Minikulu L, Barbé B, Gillet P, Yansouni CP, Chappuis F, Lutumba P. A Phase III Diagnostic Accuracy Study of a Rapid Diagnostic Test for Diagnosis of Second_Stage Human African Trypanosomiasis in the Democratic Republic of the Congo. EBioMedicine. 2018 Jan;27:11_17. doi: 10.1016/j.ebiom.2017.10.032. Epub 2017 Dec 6

2017

Huits R, De Smet B, Ariën KK, Van Esbroeck M, Bottieau E, Cnops L. Zika virus in semen: a prospective cohort study of symptomatic travellers returning to Belgium. Bull World Health Organ. 2017 Dec 1;95(12):802_809. doi: 10.2471/BLT.17.181370. Epub 2017 Jul 6.

Leder K, Grobusch MP, Gautret P, Chen LH, Kuhn S, Lim PL, Yates J, McCarthy AE, Rothe C, Kato Y, Bottieau E, Huber K, Schwartz E, Stauffer W, Malvy D, Shaw MTM, Rapp C, Blumberg L, Jensenius M, van Genderen PJJ, Hamer DH; GeoSentinel Surveillance Network. Zika beyond the Americas: Travelers as sentinels of Zika virus transmission. A GeoSentinel analysis, 2012 to 2016. PLoS One. 2017 Oct 3;12(10):e0185689. doi: 10.1371/journal.pone.0185689.

Mukendi D, Lilo Kalo JR, Mpanya A, Minikulu L, Kayembe T, Lutumba P, Barbé B, Gillet P, Jacobs J, Van Loen H, Yansouni CP, Chappuis F, Ravinetto R, Verdonck K, Boelaert M, Winkler AS, Bottieau E. Clinical Spectrum, Etiology, and Outcome of Neurological Disorders in the Rural Hospital of Mosango, the Democratic Republic of Congo. Am J Trop Med Hyg. 2017 Aug 14. doi:10.4269/ajtmh.17_0375. [Epub ahead of print]

Angelo KM, Libman M, Caumes E, Hamer DH, Kain KC, Leder K, Grobusch MP, Hagmann SH, Kozarsky P, Laloo DG, Lim PL, Patimeteoporn C, Gautret P, Odolini S, Chappuis F, Esposito DH; GeoSentinel Network. Malaria after international travel: a GeoSentinel analysis, 2003_2016. Malar J. 2017 Jul 20;16(1):293. doi: 10.1186/s12936_017_1936_3.

Guiraud I, Post A, Diallo SN, Lompo P, Maltha J, Thriemer K, Tahita CM, Ley B, Derra K, Bottieau E, Kazienga A, Schurmans C, Ravinetto R, Rouamba E, Van Griensven J, Bertrand S, Tinto H, Jacobs J. Population_based incidence, seasonality and serotype distribution of invasive salmonellosis among children in Nanoro, rural Burkina Faso. PLoS One. 2017 Jul 10;12(7):e0178577. doi: 10.1371/journal.pone.0178577.

Post A, Martiny D, van Waterschoot N, Hallin M, Maniewski U, Bottieau E, Van Esbroeck M, Vlieghe E, Ombelet S, Vandenberg O, Jacobs J. Antibiotic susceptibility profiles among Campylobacter isolates obtained from international travelers between 2007 and 2014. Eur J Clin Microbiol Infect Dis. 2017 Jun 17. doi: 10.1007/s10096_017_3032_6. [Epub ahead of print]

Huits R, Okabayashi T, Cnops L, Barbé B, Van Den Berg R, Bartholomeeusen K, Ariën KK, Jacobs J, Bottieau E, Nakayama EE, Shioda T, Van Esbroeck M. Diagnostic accuracy of a rapid E1_antigen test for chikungunya virus infection in a reference setting. Clin Microbiol Infect. 2017 Jun 9. pii: S1198_743X(17)30293_8. doi: 10.1016/j.cmi.2017.06.004. [Epub ahead of print]

Huits R, Soentjens P, Maniewski_Kelner U, Theunissen C, Van Den Broucke S, Florence E, Clerinx J, Vlieghe E, Jacobs J, Cnops L, Van Den Bossche D, Van Esbroeck M, Bottieau E. Clinical Utility of the Nonstructural 1 Antigen Rapid Diagnostic Test in the Management of Dengue in Returning Travelers With Fever. Open Forum Infect Dis. 2017 Jan 9;4(1):ofw273. doi: 10.1093/ofid/ofw273..

Bottieau E. Approach to Fever in the Returning Traveler. N Engl J Med. 2017 May; 376(18):1797. doi: 10.1056/NEJMc1703009. No abstract available.

Cutler SJ, Bottieau E. Migrant health_a cause for concern? Clin Microbiol Infect. 2017 May;23(5):281_282. doi: 10.1016/j.cmi.2017.04.014.

Mira_Martínez S, van Schuppen E, Amambua_Ngwa A, Bottieau E, Affara M, Van Esbroeck M, Vlieghe E, Guetens P, Rovira_Graells N, Gómez_Pérez GP, Alonso PL, D'Alessandro U, Rosanas_Urgell A, Cortés A. Expression of the Plasmodium falciparum Clonally Variant clag3 Genes in Human Infections. J Infect Dis. 2017 Mar 15;215(6):938_945. doi: 10.1093/infdis/jix053.

Theunissen C, Cnops L, Van Esbroeck M, Huits R, Bottieau E. Acute phase diagnosis of murine and scrub typhus in Belgian travelers by polymerase chain reaction: a case report. *BMC Infect Dis.* 2017 Apr 13;17(1):273. doi: 10.1186/s12879-017-2385-x.

Michal Stevens A, Esposito DH, Stoney RJ, Hamer DH, Flores_Figueroa J, Bottieau E, Connor BA, Gkrania_Klotsas E, Goorhuis A, Hynes NA, Libman M, Lopez_Velez R, McCarthy AE, von Sonnenburg F, Schwartz E, van Genderen PJ, Scott Benson L, Leung DT; GeoSentinel Surveillance Network. Clostridium difficile infection in returning travellers. *J Travel Med.* 2017 May 1;24(3). doi: 10.1093/jtm/taw099.

Sentinel surveillance of imported dengue via travellers to Europe 2012 to 2014: TropNet data from the DengueTools Research Initiative. Neumayr A, Muñoz J, Schunk M, Bottieau E, Cramer J, Calleri G, López_Vélez R, Angheben A, Zoller T, Visser L, Serre_Delcor N, Genton B, Castelli F, Van Esbroeck M, Matteelli A, Rochat L, Sulleiro E, Kurth F, Gobbi F, Norman F, Torta I, Clerinx J, Poluda D, Martinez M, Calvo_Cano A, Sanchez_Seco MP, Wilder_Smith A, Hatz C, Franco L; for TropNet. *Euro Surveill.* 2017 Jan 5;22(1). pii: 30433. doi: 10.2807/1560_917.ES.2017.22.1.30433.

2016

Soentjens P, Cnops L, Huyse T, Yansouni C, De Vos D, Bottieau E, Clerinx J, Van Esbroeck M. Diagnosis and Clinical Management of Schistosoma haematobium_Schistosoma bovis Hybrid Infection in a Cluster of Travelers Returning From Mali. *Clin Infect Dis.* 2016 Dec 15;63(12):1626_1629

Hamer DH, Barbre KA, Chen LH, Grobusch MP, Schlagenhauf P, Goorhuis A, van Genderen PJ, Molina I, Asgeirsson H, Kozarsky PE, Caumes E, Hagmann SH, Mockenhaupt FP, Eperon G, Barnett ED, Bottieau E, Boggild AK, Gautret P, Hynes NA, Kuhn S, Lash RR, Leder K, Libman M, Malvy DJ, Perret C, Rothe C, Schwartz E, Wilder_Smith A, Cetron MS, Esposito DH; GeoSentinel Surveillance Network. Travel_Associated Zika Virus Disease Acquired in the Americas Through February 2016: A GeoSentinel Analysis. *Ann Intern Med.* 2016 Nov 22. doi: 10.7326/M16_1842

Becker SL, Yap P, Horié NS, Alirol E, Barbé B, Bhatta NK, Bhattarai NR, Bottieau E, Chatigre JK, Coulibaly JT, Fofana HK, Jacobs J, Karki P, Khanal B, Knopp S, Koirala K, Mahendradhata Y, Mertens P, Meyanti F, Murhandarwati EH, N'Goran EK, Peeling RW, Pradhan B, Ravinetto R, Rijal S, Sacko M, Saye R, Schneeberger PH, Schurmans C, Silué KD, Steinmann P, van Loen H, Verdonck K, van Lieshout L, von Müller L, Yao JA, Boelaert M, Chappuis F, Polman K, Utzinger J. Experiences and Lessons from a Multicountry NIDIAG Study on Persistent Digestive Disorders in the Tropics. *PLoS Negl Trop Dis.* 2016 Nov 3;10(11):e0004818.

Barbé B, Verdonck K, Mukendi D, Lejon V, Lilo Kalo JR, Alirol E, Gillet P, Horié N, Ravinetto R, Bottieau E, Yansouni C, Winkler AS, van Loen H, Boelaert M, Lutumba P, Jacobs J. The Art of Writing and Implementing Standard Operating Procedures (SOPs) for Laboratories in Low_Resource Settings: Review of Guidelines and Best Practices. *PLoS Negl Trop Dis.* 2016 Nov 3;10(11):e0005053.

Alirol E, Horie NS, Barbé B, Lejon V, Verdonck K, Gillet P, Jacobs J, Büscher P, Kanal B, Bhattarai NR, El Safi S, Phe T, Lim K, Leng L, Lutumba P, Mukendi D, Bottieau E, Boelaert M, Rijal S, Chappuis F. Diagnosis of Persistent Fever in the Tropics: Set of Standard Operating Procedures Used in the NIDIAG Febrile Syndrome Study. *PLoS Negl Trop Dis.* 2016 Nov 3;10(11):e0004749

Messiaen P, Forier A, Vanderschueren S, Theunissen C, Nijs J, Van Esbroeck M, Bottieau E, De Schrijver K, Gyssens IC, Cartuyvels R, Dorny P, van der Hilst J, Blockmans D. Outbreak of trichinellosis related to eating imported wild boar meat, Belgium, 2014. *Euro Surveill.* 2016 Sep 15;21(37).

Gautret P, Mockenhaupt F, Grobusch MP, Rothe C, von Sonnenburg F, van Genderen PJ, Chappuis F, Asgeirsson H, Caumes E, Bottieau E, Malvy D, Lopez_Vélez R, Jensenius M, Larsen CS, Castelli F, Rapp C, Field V, Molina I, Gkrania_Klotsas E, Florescu S, Lalloo D, Schlagenhauf P. Arboviral and other illnesses in travellers returning from Brazil, June 2013 to May 2016: implications for the 2016 Olympic and Paralympic Games. *Euro Surveill.* 2016 Jul 7;21(27).

Theunissen C, Bottieau E, Van Gompel A, Siozopoulou V, Bradbury RS. Presumptive Gnathostoma binucleatum infection in a Belgian traveler returning from South America. *Travel Med Infect Dis.* 2016 Mar-Apr;14(2):170_1.

Gautret P, Mockenhaupt FP, von Sonnenburg F, Rothe C, Libman M, Van De Winkel K, Bottieau E, Grobusch MP, Hamer DH, Esposito DH, Parola P, Schlagenhauf P; GeoSentinel Surveillance Network. Schistosomiasis Screening of Travelers to Corsica, France. *Emerg Infect Dis.* 2016;22(1):160_1.

2015

F. Chappuis, B. Barbe, H. Elshikh, T. Phe, K. Koirala, D. Mukendi, A. Saad, L. Leng, B. Khanal, N. Bhatta, N. Bhattarai, C. Yansouni, J. van Griensven, N. Horie Seiko, E. Alirol, R. Ravinetto, H. van Loen, J. Buyze, F. Meheus, S. Burza, K. Verdonck, J. Jacobs, P. Parola, S. El Safi, K. Lim, P. Lutumba, E. Bottieau, S. Rijal, M. Boelaert. Diagnostic guidance for patients presenting with persistent fever in neglected tropical disease endemic areas of Cambodia, the Democratic Republic of Congo, Nepal and Sudan . *Trop Med Intern Health* 2015;20 (Suppl. 1), 1-147 (abstract)

E. Bottieau, D. Mukendi, J._R. Kalo, B. Barb_e, P. Gillet, A. Mpanya, C. Yansouni, A. Winkler, P. Lutumba, J. Jacobs, T. Verdonck, F. Chappuis, M. Boelaert and Neglected Infectious Diseases Diagnosis (NIDIAG). Clinical spectrum, main etiologies and outcome of neurological disorders in the rural Hospital of Mosango, Province of Bandundu, Democratic Republic of the Congo. *Trop Med Intern Health* 2015; 20 (Suppl. 1), 1-147 (abstract)

E. Bottieau, D. Mukendi, K. Verdonck, C. Yansouni, T. Kayembe, S. Burza, A. Mpanya, J._R. Kalo, B. Barbe, C. Schurmans, P. Buscher, R. Ravinetto, A. Winkler, J. Menten, H. van Loen, J. Jacobs, P. Lutumba, M. Boelaert, F. Chappuis. Development of guidance for the diagnostic management of patients with neurological disorders in hospitals in Bandundu, Democratic Republic of the Congo, with a focus on not_to_miss infections of the central nervous system. *Trop Med Intern Health* 2015; 20 (Suppl. 1), 1-147 (abstract)

Gautret P, Mockenhaupt FP, Bottieau E, Parola P, Schlagenhauf P. Schistosomiasis in Corsica and the pivotal role of travellers. *Lancet Infect Dis.* 2015 Dec;15(12):1378_9

Martelli G, Girometti N, Vanino E, Bottieau E, Viale P. Plasmodium falciparum malaria in migrants who transited Libya _ Where did they contract malaria? *Travel Med Infect Dis.* 2015;13(6):499_500.

Blumental S, Lambermont M, Heijmans C, Rodenbach MP, El Kenz H, Sondag D, Bottieau E, Truyens C. First Documented Transmission of Trypanosoma cruzi Infection through Blood Transfusion in a Child with Sickle_Cell Disease in Belgium. *PLoS Negl Trop Dis.* 2015;9(10)

Bottieau E, Vlieghe E. Melioidosis in the non_endemic setting: Not only in diabetic travelers returning from Southeast Asia. *Travel Med Infect Dis.* 2015;13(5):355_6.

Gautret P, Mockenhaupt FP, von Sonnenburg F, Rothe C, Libman M, Van De Winkel K, Bottieau E, Grobusch MP, Hamer DH, Esposito DH, Parola P, Schlagenhauf P; GeoSentinel Surveillance Network. Local and International

Implications of Schistosomiasis Acquired in Corsica, France. *Emerg Infect Dis.* 2015;21(10):1865_8

Polman K, Becker SL, Alirol E, Bhatta NK, Bhattarai NR, Bottieau E, Bratschi MW, Burza S, Coulibaly JT, Doumbia MN, Horié NS, Jacobs J, Khanal B, Landouré A, Mahendradhata Y, Meheus F, Mertens P, Meyanti F, Murhandarwati EH, N'Goran EK, Peeling RW, Ravinetto R, Rijal S, Sacko M, Saye R, Schneeberger PH, Schurmans C, Silué KD, Thobari JA, Traoré MS, van Lieshout L, van Loen H, Verdonck K, von Müller L, Yansouni CP, Yao JA, Yao PK, Yap P, Boelaert M, Chappuis F, Utzinger J. Diagnosis of neglected tropical diseases among patients with persistent digestive disorders (diarrhoea and/or abdominal pain ≥ 14 days): multi_country, prospective, non_experimental case_control study. *BMC Infect Dis.* 2015;15:338. Erratum in: *BMC Infect Dis.* 2015;15:499.

Bottieau E. [Malaria chemoprophylaxis: towards a European harmonization]. *Rev Prat.* 2015;65(4):485_90.

Boggild AK, Esposito DH, Kozarsky PE, Ansdell V, Beeching NJ, Campion D, Castelli F, Caumes E, Chappuis F, Cramer JP, Gkrania_Klotsas E, Grobusch MP, Hagmann SH, Hynes NA, Lim PL, López_Vélez R, Malvy DJ, Mendelson M, Parola P, Sotir MJ, Wu HM, Hamer DH; GeoSentinel Surveillance Network. Differential diagnosis of illness in travelers arriving from Sierra Leone, Liberia, or Guinea: a cross_sectional study from the GeoSentinel Surveillance Network. *Ann Intern Med.* 2015;162(11):757_64

Bottieau E. New diagnostic tools in clinical parasitology. *Clin Microbiol Infect.* 2015;21(6):518_9.

Bottieau E, Mukendi D, Kalo JR, Mpanya A, Lutumba P, Barbé B, Chappuis F, Lunguya O, Boelaert M, Jacobs J. Fatal *Chromobacterium violaceum* bacteraemia in rural Bandundu, Democratic Republic of the Congo. *New Microbes New Infect.* 2014;3:21_3.

Van Den Broucke S, Kanobana K, Polman K, Soentjens P, Vekemans M, Theunissen C, Vlieghe E, Van Esbroeck M, Jacobs J, Van Den Enden E, Van Den Ende J, Van Gompel A, Clerinx J, Bottieau E. Toxocarasis diagnosed in international travelers at the Institute of Tropical Medicine, Antwerp, Belgium, from 2000 to 2013. *PLoS Negl Trop Dis.* 2015;9(3):e0003559.

Cnops L, Gerard M, Vandenberg O, Van den Wijngaert S, Heyndrickx L, Willems E, Demeulemeester K, De Clerck H, Dediste A, Callens S, De Munter P, Vlieghe E, Bottieau E, Guillaume F, Van Esbroeck M, Ariën KK. Risk of Misinterpretation of Ebola Virus PCR Results After rVSV ZEBOV_GP Vaccination. *Clin Infect Dis.* 2015;60(11):1725_6

Esposito DH, Rosenthal BM, Slesak G, Tappe D, Fayer R, Bottieau E, Brown C, Grobusch MP, Malvy D, von Sonnenburg F, Sotir MJ, Steiner F, Zanger P, Kozarsky PE. Reply to Italiano *Clin Infect Dis*; 2015;60(7):1135_6.

2014

Kenyon C, Lynen L, Florence E et al. Syphilis reinfections pose problems for syphilis diagnosis in Antwerp, Belgium _ 1992 to 2012. *Euro Surveill* 2014;19(45).

Soentjens P, Ruyffelaert M, Collee A, Haverals S, Van Gompel A, Bottieau E. Follow_up of treatment response in imported acute schistosomiasis. *J Travel Med* 2014;21(6):433_434.

Mpanya A, Boelaert M, Baloji S et al. Diagnostic work_up of neurological syndromes in a rural African setting: knowledge, attitudes and practices of health care providers. *PLoS One* 2014;9(10):e110167.

Esposito DH, Stich A, Epelboin L et al. Acute muscular sarcocystosis: an international investigation among ill travelers returning from Tioman Island, Malaysia, 2011_2012. *Clin Infect Dis* 2014;59(10):1401_1410.

Soentjens P, Cnops L, Clerinx J, Van Esbroeck M, Bottieau E. Late seroconversion of acute schistosomiasis. *J Travel Med* 2014;21(3):219_220.

Lejon V, Mumba ND, Kestens L et al. Gambiense human african trypanosomiasis and immunological memory: effect on phenotypic lymphocyte profiles and humoral immunity. *PLoS Pathog* 2014;10(3):e1003947.

Maltha J, Guiraud I, Kabore B et al. Frequency of severe malaria and invasive bacterial infections among children admitted to a rural hospital in Burkina Faso. *PLoS One* 2014;9(2):e89103.

Bottieau E. Tropical parasitic diseases and immunosuppression. *Clin Microbiol Infect* 2014;20(4):277.

Requena_Méndez A, Albajar_Viñas P, Angheben A, Chiodini P, Gascón J, Muñoz J; Chagas Disease COHEMI Working Group. Health policies to control Chagas disease transmission in European countries. *PLoS Negl Trop Dis.* 2014 Oct 30;8(10):e3245.

2013

Apers L, Koole O, Bottieau E et al. Incidence of HCV and sexually transmitted diseases among hiv positive msm in Antwerp, Belgium, 2001_2011. *Acta Clin Belg* 2013;68(6):421_426.

Botha P, Bottieau E, Uthman O, Obike U, Nachega JB. Update on Diagnostic and Treatment of Uncomplicated and Complicated Malaria in Adults and Selected Vulnerable Populations. *Infect Disord Drug Targets.* 2014 Jan 3. [Epub ahead of print]

Soentjens P, Clerinx J, Aerssens A, Cnops L, Van Esbroeck M, Bottieau E. Diagnosing acute schistosomiasis. *Clin Infect Dis.* 2014 Jan;58(2):304_5. doi: 10.1093/cid/cit683. Epub 2013 Oct 22.

Yansouni CP, Bottieau E, Lutumba P, Winkler AS, Lynen L, Büscher P, Jacobs J, Gillet P, Lejon V, Alirol E, Polman K, Utzinger J, Miles MA, Peeling RW, Muyembe JJ, Chappuis F, Boelaert M. Rapid diagnostic tests for neurological infections in central Africa. *Lancet Infect Dis.* 2013 Jun;13(6):546_58. doi: 10.1016/S1473_3099(13)70004_5.

Bottieau E. Rapid diagnostic tests for non_malarial febrile illness in the tropics. *Clin Microbiol Infect.* 2013 May;19(5):397_8. doi: 10.1111/1469_0691.12200.

Bottieau E, Gillet P, De Weggheleire A, Scheirlinck A, Stokx J, Das Dore Mosse C, Jacobs J. Treatment practices in patients with suspected malaria in Provincial Hospital of Tete, Mozambique. *Trans R Soc Trop Med Hyg.* 2013 Mar;107(3):176_82. doi: 10.1093/trstmh/trs012.

Becker SL, Vogt J, Knopp S, Panning M, Warhurst DC, Polman K, Marti H, von Müller L, Yansouni CP, Jacobs J, Bottieau E, Sacko M, Rijal S, Meyanti F, Miles MA, Boelaert M, Lutumba P, van Lieshout L, N'Goran EK, Chappuis F, Utzinger J. Persistent digestive disorders in the tropics: causative infectious pathogens and reference diagnostic tests. *BMC Infect Dis.* 2013 Jan 24;13:37. doi: 10.1186/1471_2334_13_37.

Maltha J, Gillet P, Heutmekeers M, Bottieau E, Van Gompel A, Jacobs J. Self_diagnosis of malaria by travelers and expatriates: assessment of malaria rapid diagnostic tests available on the internet. *PLoS One.* 2013;8(1):e53102. doi: 10.1371/journal.pone.0053102.

2012

Bisig B, Moreira J, Combes M, Asimwe A, Bisoffi Z, Haegeman F, Bottieau E, Van den Ende J. Does introduction of thresholds in decision aids benefit the patient? Comparison between findings_based and threshold_based diagnostic decision aids. *Med Dec Making* 2012 Nov;32(6):E16_34.

Young T, Abba K, Deeks JJ, Olliaro PL, Naing CM, Jackson SM, Takwoingi Y, Donegan S, Garner P, Bottieau E, Jacobs J, Nachega JB, Leeflang M. Cochrane Column * Rapid diagnostic tests can extend access of diagnostic services for uncomplicated Plasmodium falciparum malaria * Commentary: Rapid diagnostic tests for diagnosing uncomplicated Plasmodium falciparum malaria in endemic countries (Review) * Approach to conducting Cochrane Diagnostic Test Accuracy Reviews. *Int J Epidemiol.* 2012 Jun;41(3):607_10.

Heutmekeers M, Gillet P, Maltha J, Scheirlinck A, Cnops L, Bottieau E, Van Esbroeck M, Jacobs J. Evaluation of the

rapid diagnostic test CareStart pLDH Malaria (Pf_pLDH/pan_pLDH) for the diagnosis of malaria in a reference setting. *Malar J.* 2012 Jun 18;11(1):204.

Yansouni CP, Bottieau E, Chappuis F, Phoba MF, Lunguya O, Ifeka BB, Jacobs J. Rapid Diagnostic Tests for a Coordinated Approach to Fever Syndromes in Low_Resource Settings. *Clin Infect Dis.* 2012 Aug;55(4):610_1. Epub 2012 May 4.

Bottieau E, Verbruggen E, Aubry C, Socolovschi C, Vlieghe E. Meningoencephalitis complicating relapsing fever in traveler returning from Senegal. *Emerg Infect Dis.* 2012 Apr;18(4):697_8.

2011

Demeester RP, Bottieau E, Pini A, Visser LG, Torrués_Tendero D, Wetsteyn JC, Bisoffi Z, Pinazo MJ, Theunissen C, Van den Ende J. Prospective multicenter evaluation of the expert system "KABISA TRAVEL" in diagnosing febrile illnesses occurring after a stay in the tropics. *J Travel Med.* 2011 Nov_Dec;18(6):386_94.

Clerinx J, Bottieau E, Wichmann D, Tannich E, Van Esbroeck M. Acute schistosomiasis in a cluster of travelers from Rwanda: diagnostic contribution of schistosome DNA detection in serum compared to parasitology and serology. *J Travel Med.* 2011 Nov_Dec;18(6):367_72.

Basile L, Jansa JM, Carlier Y, Salamanca DD, Angheben A, Bartoloni A, Seixas J, Van Gool T, Canavate C, Flores_Chavez M, Jackson Y, Chiodini PL, Albajar_Vinas P; Working Group on Chagas Disease. Chagas disease in European countries: the challenge of a surveillance system. *Euro Surveill.* 2011 Sep 15;16(37).

Casas EC, Decroo T, Mahoudo JA, Baltazar JM, Dorés CD, Cumba L, De Weggheleire A, Huyst V, Bottieau E. Burden and outcome of HIV infection and other morbidities in health care workers attending an Occupational Health Program at the Provincial Hospital of Tete, Mozambique. *Trop Med Int Health.* 2011 Nov;16(11):1450_6. Aug 18.

Bottieau E, Clerinx J, Vlieghe E, Van Esbroeck M, Jacobs J, Van Gompel A, Van Den Ende J. Epidemiology and outcome of Shigella, Salmonella and Campylobacter infections in travellers returning from the tropics with fever and diarrhoea. *Acta Clin Belg.* 2011 May_Jun;66(3):191_5.

Gillet P, Scheirlinck A, Stokx J, De Weggheleire A, Chaúque HS, Canhanga OD, Tadeu BT, Mosse CD, Tiago A, Mabunda S, Bruggeman C, Bottieau E, Jacobs J. Prozone in malaria rapid diagnostics tests: how many cases are missed? *Malar J.* 2011 Jun 15;10:166.

Bottieau E, Vekemans M, Van Gompel A. Therapy of vector_borne protozoan infections in nonendemic settings. *Expert Rev Anti Infect Ther.* 2011 May;9(5):583_608. Review.

Stokx J, Gillet P, De Weggheleire A, Casas EC, Maendaenda R, Beulane AJ, Jani IV, Kidane S, Mosse CD, Jacobs J, Bottieau E. Seroprevalence of transfusion_transmissible infections and evaluation of the pre_donation screening performance at the Provincial Hospital of Tete, Mozambique. *BMC Infect Dis.* 2011 May 23;11:141.

Apers L, Yansouni C, Soentjens P, Vekemans M, Bottieau E. The Use of Interferon_γ Release Assays for Tuberculosis Screening in International Travelers. *Curr Infect Dis Rep.* 2011 Jun;13(3):229_35.

Maltha J, Gillet P, Cnops L, Bottieau E, Van Esbroeck M, Bruggeman C, Jacobs J. Evaluation of the rapid diagnostic test SDFK40 (Pf_pLDH/pan_pLDH) for the diagnosis of malaria in a non_endemic setting. *Malar J.* 2011 Jan 12;10:7.

2010

Cnops L, Van Esbroeck M, Bottieau E, Jacobs J. Giemsa_stained thick blood films as a source of DNA for Plasmodium species_specific real_time PCR. *Malar J.* 2010 Dec 22;9:370.

Bottieau E, Apers L, Van Esbroeck M, Vandenbruaene M, Florence E. Hepatitis C virus infection in HIV_infected men who have sex with men: sustained rising incidence in Antwerp, Belgium, 2001_2009. *Euro Surveill.* 2010 Sep 30;15(39):19673.

Maltha J, Gillet P, Bottieau E, Cnops L, van Esbroeck M, Jacobs J. Evaluation of a rapid diagnostic test (CareStart Malaria HRP_2/pLDH (Pf/pan) Combo Test) for the diagnosis of malaria in a reference setting. *Malar J.* 2010 Jun 18;9:171.

Demeester R, Claus M, Hildebrand M, Vlieghe E, Bottieau E. Diversity of life_threatening complications due to Mediterranean spotted fever in returning travelers. *J Travel Med.* 2010 Mar_Apr;17(2):100_4.

Angheben A et al. Infection à Trypanosoma cruzi (maladie de Chagas) en Europe. Conclusions du sixième congrès européen de médecine tropicale et santé internationale. *Bull Soc Pathol Exot.* 2010 ; 103 :359_363

Michielsens P, Bottieau E, Van Vlierberghe H, Van Marck E, Vandemaele E, Denys M, Brasseur JP, Popan M; Steering Committee of the Belgian Association for the Study of the Liver. Treatment of chronic hepatitis C in patients with human immunodeficiency virus (HIV) with weekly peginterferon alpha_2b plus ribavirin: a multi_centred Belgian study. *Acta Gastroenterol Belg.* 2009 Oct_Dec;72(4):389_93.

Gillet P, van Dijk DP, Bottieau E, Cnops L, Van Esbroeck M, Jacobs J. Test characteristics of the SD FK80 Plasmodium falciparum/Plasmodium vivax malaria rapid diagnostic test in a non_endemic setting. *Malar J* 2009; 8(1):262.

Dieltjens T, Loots N, Vereecken K et al. HIV Type 1 Subtype A Envelope Genetic Evolution in a Slow Progressing Individual with Consistent Broadly Neutralizing Antibodies. *AIDS Res Hum Retroviruses* 2009.

Demeester R, Bottieau E, Van Esbroeck M, Pourkarim MR, Maes P, Clement J. Hantavirus nephropathy as a pseudo_import pathology from Ecuador. *Eur J Clin Microbiol Infect Dis* 2009.

Bottieau E, Van Esbroeck M, Cnops L, Clerinx J, Van Gompel A. Chikungunya infection confirmed in a Belgian traveller returning from Phuket (Thailand). *Euro Surveill* 2009; 14(25).

Bottieau E, Van Gompel A. [Screening the asymptomatic traveler returning from the tropics]. *Rev Med Suisse* 2009; 5(202):1016_1021.

Gillet P, Bosselaers K, Cnops L, Bottieau E, Van Esbroeck M, Jacobs J. Evaluation of the SD FK70 malaria Ag Plasmodium vivax rapid diagnostic test in a non_endemic setting. *Malar J* 2009; 8:129.

Van der Palen M, Gillet P, Bottieau E, Cnops L, Van Esbroeck M, Jacobs J. Test characteristics of two rapid antigen detection tests (SD FK50 and SD FK60) for the diagnosis of malaria in returned travellers. *Malar J* 2009; 8:90.

2008

Bottieau E, Florence E, Clerinx J et al. Fever after a stay in the tropics: clinical spectrum and outcome in HIV_infected travelers and migrants. *J Acquir Immune Defic Syndr* 2008; 48(5):547_552.

Bottieau E, Moreira J, Clerinx J, Colebunders R, Van Gompel A, Van den Ende J. Evaluation of the GIDEON expert computer program for the diagnosis of imported febrile illnesses. *Med Decis Making* 2008; 28(3):435_442.

Bottieau E, Clerinx J, Van Gompel A. Hospitalization criteria in imported falciparum malaria. *J Travel Med* 2008; 15(1):60_61.

2007

Nachea JB, Bottieau E, Zech F, Van Gompel A. Travel_acquired scrub typhus: emphasis on the differential diagnosis, treatment, and prevention strategies. *J Travel Med* 2007; 14(5):352_355.

Huyst V, Lynen L, Bottieau E, Zolfo M, Kestens L, Colebunders R. Immune reconstitution inflammatory syndrome in an HIV/TB co-infected patient four years after starting antiretroviral therapy. *Acta Clin Belg* 2007; 62(2):126_129.

Bottieau E, Clerinx J, Colebunders R et al. Selective ambulatory management of imported falciparum malaria: a 5_year prospective study. *Eur J Clin Microbiol Infect Dis* 2007; 26(3):181_188.

Bottieau E, Clerinx J, Van den Enden E et al. Fever after a stay in the tropics: diagnostic predictors of the leading tropical conditions. *Medicine (Baltimore)* 2007; 86(1):18_25.

2006

Bottieau E, Clerinx J, Schrooten W et al. Etiology and outcome of fever after a stay in the tropics. *Arch Intern Med* 2006; 166(15):1642_1648.

Bottieau E, Clerinx J, Van den Enden E et al. Infectious mononucleosis-like syndromes in febrile travelers returning from the tropics. *J Travel Med* 2006; 13(4):191_197.

Bottieau E, Clerinx J, Van den Enden E et al. Imported non-Plasmodium falciparum malaria: a five_year prospective study in a European referral center. *Am J Trop Med Hyg* 2006; 75(1):133_138.

2005

Bottieau E, Van Gompel A, Peetermans WE. Failure of primaquine therapy for the treatment of Plasmodium ovale malaria. *Clin Infect Dis* 2005; 41(10):1544_1545.

Bottieau E, Clerinx J, de Vega MR et al. Imported Katayama fever: clinical and biological features at presentation and during treatment. *J Infect* 2006; 52(5):339_345.

Michielsens P, Bottieau E. Therapy of chronic hepatitis C in the setting of HIV co-infection. *Acta Gastroenterol Belg* 2005; 68(1):86_91.

Robaey G, Buntinx F, Bottieau E et al. Guidelines for the management of chronic hepatitis C in patients infected after substance use. *Acta Gastroenterol Belg* 2005; 68(1):38_45.

Van den Enden E, Bottieau E. Envenoming by the viperid snake *Eristicophis macmahonii*. *Toxicon* 2005; 46:918_920

1999_2004

Colebunders R, Bottieau E, Van den Brande J, Colpaert C, Van Marck E. Merkel cell carcinoma and multiple basal cell carcinoma in an African albino woman with HIV infection. *HIV Med* 2004; 5(6):452_454.

Callens S, Bottieau E, Michielsens P, Colebunders R. Pegylated interferon alpha_2b plus ribavirin as therapy for chronic hepatitis C in HIV-infected patients. *AIDS* 2004; 18(1):131.

Bottieau E, David P, Dewitte O, Jacobs F. Eosinophilic meningitis following incomplete resection of a meningeal hydatid cyst. *Scand J Infect Dis* 2003; 35(11_12):898_901.

Bottieau E, Clerinx J, Colebunders R, Van Gompel A. Fever after a stay in the tropics. Part 2: Common imported tropical diseases. *Acta Clin Belg* 2002; 57(6):301_308.

Bottieau E, Clerinx J, Colebunders R, Van Gompel A. Fever after a stay in the tropics. Part 1: Diagnostic approach. *Acta Clin Belg* 2002; 57(6):295_300.

Bottieau E, Noe A, Florence E, Colebunders R. Multiple tuberculous brain abscesses in an HIV-infected patient successfully treated with HAART and antituberculous treatment. *Infection* 2003; 31(2):118_120.

Bottieau E, Noe A, Florence E, Ostyn B, Colebunders R. Development of multiple abscesses in an HIV/TB co-infected patient after initiation of antituberculous and highly active antiretroviral therapy. *Acta Clin Belg* 2002; 57(4):219_222.

Florence E, Bottieau E, Lynen L, Colebunders R. Patients with HIV infection and fever: a diagnostic approach. *Acta Clin Belg* 2002; 57(4):184_190.

Colebunders R, Bottieau E, Willaeyts V et al. Hospital services for people with HIV infection in Flanders: patients' satisfaction. *AIDS Care* 2001; 13(2):191_196.

Bottieau E, Colebunders R, Bosmans JL. Favourable outcome of haemolytic uraemic syndrome in an HIV-infected patient treated only with prednisone. *J Infect* 2000; 41(1):108_109.

Colebunders R, Bottieau E, de Mey I. Curly hair and lipodystrophy as a result of highly active antiretroviral treatment? *Arch Dermatol* 2000; 136(8):1064_1065.

Bottieau E, Colebunders R, Schroyens W et al. Multicentric Castleman's disease in 2 patients with HIV infection, unresponsive to antiviral therapy. *Acta Clin Belg* 2000; 55(2):97_101.

Bottieau E, De Raeve H, Colebunders R, Van den Ende J, Vervoort T, Van Marck E. Q fever after a journey in Syria: a diagnosis suggested by bone marrow biopsy. *Acta Clin Belg* 2000; 55(1):30_33.

Colebunders R, Depraetere K, De Drooghe E, Kamper A, Corthout B, Bottieau E. Obstructive nephropathy due to sulfa crystals in two HIV seropositive patients treated with sulfadiazine [letter]. *JBR BTR* 1999; 82: 153_154.

BOOKS AND MONOGRAPHS

Bottieau E, Van Gompel A. Borréliose & Shigelloses & Salmonelloses. In: Médecine Tropicale. Ed Gentilini. Expert review of the Belgian Red Cross Vlaanderen publication: African first aid materials (2012)

Van Balen FAM, Bottieau E. Koorts. In: Reizen en ziekte. Eds: Van Gompel A & Sonder G. Bohn Stafleu van Loghum (Springer Media), Houten, Netherlands, 2010

Expert review of the revised "Clinical and therapeutic guidelines" Médecins sans Frontières Edition 2010 (sections on parasitic diseases)

Contribution to the State of the Art _ Treatment of Tropical Diseases (update 2010) of the Department of Clinical Sciences of the Institute (main author: Van Gompel A.)

Fever after a stay in the tropics. PhD dissertation. Universiteit Antwerpen

Projects

Research topics/lines:

1. **Integrated management of febrile illness in the tropics and in returning travelers**
 - o "Fever after a stay in the Tropics" (PhD thesis 2000-2007 at the University of Antwerp)
 - o Contribution to the development of the "KABISA Travel" expert system (2007)
 - o Supervision of capacity building projects in clinical research (Mozambique 2000-2006; DR Congo and Guinea since 2020)
 - o Participation from 2010 to 2016 to the FP7_EU project NIDIAG: "Syndromic approach to Neglected Infectious Diseases (NDI) at primary care level: an international collaboration on integrated diagnostic_treatment platforms"; member WP2 study team for the syndrome "prolonged fever" (DR Congo, Sudan, Nepal, Cambodia)
 - o Country Principal Investigator for European multicentre phase 4 safety studies on Eurartesim treatment for malaria (sponsor: Sigma_Tau); member of the Advisory Board (2012-2016)
 - o Participation to the IRTIS project (promotor: Pr. Jan Jacobs) and the SOFI project IDIS on invasive salmonellosis
 - o Co-investigator in the Clag3 study (promotor Dr Anna Rosannas, Unit of Malariology ITM) on epigenetic mechanisms of malaria drug resistance (in travelers)
 - o Co_applicant since 2017 in the EDCTP_funded ALERRT project, coordinated by Pr. Peter Holby: African coalition for Epidemic Research, Response and Training. The purpose of ALERRT is to reduce the public health and socio_economic impact of (Re_)emerging and Epidemic-Prone Infectious Diseases (REPID) in sub-Saharan Africa by building a sustainable clinical and laboratory research preparedness and response network.
 - o Principal investigator since Oct 2017 of a "pump priming project" (PPP) evaluating the diagnostic performance of biomarkers (C_reactive protein and procalcitonin) in the identification of bacterial infections in patients with neurological disorders and with persisting fever (> 1 year).
2. **Clinical management of Neglected Tropical Diseases in endemic and nonendemic setting**
 - o Coordinator from 2018 to 2023 of the SchistoSAM clinical trial (treatment of schistosomiasis with antimalarials) with a SOFI funding from the Flemish Ministry of Research
 - o Co-applicant from 2016 to 2022 in the EDCTP-funded project SOLID, coordinated by Pierre Dorny, evaluating new diagnostics for *Taenia solium* taeniasis and (neuro)cysticercosis in primary care settings of Zambia and Tanzania
 - o Coordinating investigator of the SOFI_funded project Cystistop, in collaboration with Sarah Gabriel: "*Taenia solium* elimination versus control: what is the best way forwards in sub-Saharan Africa", from 2015 to 2020
 - o Contribution from 2010 to 2016 to the FP7_EU project NIDIAG: "Syndromic approach to Neglected Infectious

Diseases (NDI) at primary care level: an international collaboration on integrated diagnostic treatment platforms"; (1) task leader and study coordinator in the WP2 (clinical epidemiological network) for the neurological disorders in DR Congo (human African trypanosomiasis, neurocysticercosis,...) and member of WP2 team for (2) prolonged fever (human African trypanosomiasis, invasive salmonellosis, brucellosis,...) and (3) chronic diarrhea (strongyloidiasis, schistosomiasis,...)
 o Principal investigator in various studies at the ITM travel clinic on schistosomiasis, strongyloidiasis and filarial infection
 o Co-investigator in the multicentric clinical study (2014) with TropNetEurop (network of European travel clinics) on treatment of giardiasis

Memberships

- Member of the Board of "Médecins Sans Frontières_Belgium"/Operational Center Brussels (1997-2003)
- Member of the Belgian Society of Internal Medicine (2001-2007)
- Member of two European networks of travel medicine experts (EuroTravNet/GeoSentinel and TropNetEurop) since 2004
- Member of the Belgian Society of Infectiology and Clinical Microbiology since 2012
- Member of the International Society of Travel Medicine since 2012
- Member of, and (Trusted) Reviewer for, the European Society of Clinical Microbiology and Infectious Diseases & Associate Editor of Clinical Microbiology and Infection since 2010
- Chair and contributor the task force for the Belgian therapeutic guidelines for COVID-19, 2020-2024
- Chair of the national working group on Zika for the "Hoge Gezondheid Raad _ Conseil Supérieur de la Santé", 2016
- Evaluator in various expert panels for grant attribution (German Federal Ministry of Education and Research (BMBF); International Development Research Center (Canada); Netherlands Organization for Health Research and Development (ZonW); Belgian Federal Public Service Public Health,...)
- Belgian member of the WHO Informal Consultation on Chagas (2009), COVID-19 (2022),...
- Expert for the "Hoge Gezondheid Raad/Conseil Supérieur de la Santé" in Belgium on various tropical issues (Ebola,...)
- Expert for Belgian Federal Agency for Medicines and Health products (FAMPH) and European Medicine Agency (EMA) with contribution to the evaluation of:
 - o Dengue vaccin in 2016 (Denvaxia, Sanofi_Pasteur)
 - o Anti_trypanosomal drug in 2015 (SCYX_ 7158, DNDI)
 - o Ebola vaccine (Crucell) in 2015
 - o Malaria vaccine in 2014_2015 (Mosquirix, GSK)
- Member of the Drug Safety Monitoring Board
 - o Of the Be Prep_ared trial on
 - o of the JIKI trial "Efficacy of favipiravir in reducing the mortality in individuals with Ebola virus disease in Guinea" (Inserm n° 14_63), conducted from Dec 2014 to May 2015
 - o of the COTRIMAL trial from 2009 to 2014 (sponsor ITM)

Other Relevant Information