## Scientific output

* Zuhair M, Smit GSA, Wallis G, Jabbar F, Smith C, **Devleesschauwer B**, Griffiths P (2019) Estimation of the worldwide seroprevalence of cytomegalovirus: a systematic review and meta-analysis. *Rev Med Virol*, in press
* Renard F, **Devleesschauwer B**, Van Oyen H, Gadeyne S, Deboosere P (2019) Evolution of educational inequalities in life and health expectancies at 25 years in Belgium between 2001 and 2011: a census-based study. *Arch Public Health*, in press. doi: [10.1186/s13690-019-0330-8](https://doi.org/10.1186/s13690-019-0330-8)
* Gibb HJ, Barchowsky A, Bellinger D, Bolger PM, Carrington C, Havelaar AH, Oberoi S, Zang Y, O’Leary K, **Devleesschauwer B** (2019) Estimates of the 2015 global and regional disease burden from four foodborne metals – arsenic, cadmium, lead and methylmercury. *Environ Res*, in press. doi: [10.1016/j.envres.2018.12.062](https://doi.org/10.1016/j.envres.2018.12.062)
* Geebelen L, Van Cauteren D, **Devleesschauwer B**, Moreels S, Tersago K, Van Oyen H, Speybroeck N, Lernout T (2019) Combining primary care surveillance and a meta-analysis to estimate the incidence of the clinical manifestations of Lyme borreliosis in Belgium, 2015-2017. *Ticks Tick Borne Dis*, in press. doi: [10.1016/j.ttbdis.2018.12.007](https://doi.org/10.1016/j.ttbdis.2018.12.007)
* Bechthold A, Boeing H, Schwedhelm C, Hoffmann G, Knüppel S, Iqbal K, De Henauw S, Michels N, **Devleesschauwer B**, Schlesinger S, Schwingshackl L (2019) Food groups and risk of coronary heart disease, stroke and heart failure: a systematic review and dose-response meta-analysis of prospective studies. *Crit Rev Food Sci Nutr*, in press. doi: [10.1080/10408398.2017.1392288](https://doi.org/10.1080/10408398.2017.1392288)
* Oberoi S, **Devleesschauwer B**, Gibb HJ, Barchowsky A (2019) Global burden of cancer and coronary heart disease resulting from dietary exposure to arsenic, 2015. *Environ Res* 171:185-192. doi: [10.1016/j.envres.2019.01.025](https://doi.org/10.1016/j.envres.2019.01.025)
* Bellinger DC, **Devleesschauwer B**, O’Leary K, Gibb HJ (2019) Global burden of intellectual disability resulting from prenatal exposure to methylmercury, 2015. *Environ Res* 170:416-421. doi: [10.1016/j.envres.2018.12.042](https://doi.org/10.1016/j.envres.2018.12.042)
* Zang Y, **Devleesschauwer B**, Bolger PM, Goodman E, Gibb HJ (2019) Global burden of late-stage chronic kidney disease resulting from dietary exposure to cadmium, 2015. *Environ Res* 169:72-78. doi: [10.1016/j.envres.2018.10.005](https://doi.org/10.1016/j.envres.2018.10.005)
* Gabriël S, Mwape KE, Phiri IK, **Devleesschauwer B**, Dorny P (2019) *Taenia solium* control in Zambia: the potholed road to success. *Parasite Epidemiol Control* 4:e00082. doi: [10.1016/j.parepi.2018.e00082](https://doi.org/10.1016/j.parepi.2018.e00082)
* Rahman AKMA, Smit S, **Devleesschauwer B**, Kostoulas P, Abatih E, Saegerman C, Shamsuddin M, Berkvens D, Dhand NK, Ward MP (2019) Bayesian evaluation of three serological tests for the diagnosis of bovine brucellosis in Bangladesh. *Epidemiol Infect* 147:e73. doi: [10.1017/S0950268818003503](https://doi.org/10.1017/S0950268818003503)
* Cassini A, Högberg LD, Plachouras D, Quattrocchi A, Hoxha A, Simonsen GS, Colomb-Cotinat M, Kretzschmar ME, **Devleesschauwer B**, Cecchini M, Ouakrim DA, Oliveira TC, Struelens MJ, Suetens C, Monnet DL, the Burden of AMR collaborative group (2019) Attributable deaths and disability-adjusted life-years caused by infections with antibiotic-resistant bacteria in the EU and the European Economic Area in 2015: a population-level modelling analysis. *Lancet Infect Dis* 19:56-66. doi: [10.1016/S1473-3099(18)30605-4](https://doi.org/10.1016/S1473-3099(18)30605-4)
* Bobic B, Thomas L, Djurkovic Djakovic O, **Devleesschauwer B**, Dermauw V, Dorny P, Braae UC, Robertson L, Saratsis A, Eichenberger R, Torgerson P (2018) Epidemiology of *Taenia saginata* taeniosis/cysticercosis in the Russian Federation. *Parasit Vectors* 11:636. doi: [10.1186/s13071-018-3236-3](https://doi.org/10.1186/s13071-018-3236-3)
* EFSA Panel on Biological Hazards (BIOHAZ), Koutsoumanis K, Allende A, Alvarez-Ordóñez A, Bolton D, Bover-Cid S, Chemaly M, Davies R, De Cesare A, Herman L, Hilbert F, Lindqvist R, Nauta M, Peixe L, Ru G, Simmons M, Skandamis P, Suffredini E, Cacciò S, Chalmers R, Deplazes P, **Devleesschauwer B**, Innes E, Romig T, van der Giessen J, Hempen M, Van der Stede Y, Robertson L (2018) Public health risks associated with food-borne parasites. *EFSA J* 16:e05495. doi: [10.2903/j.efsa.2018.5495](https://doi.org/10.2903/j.efsa.2018.5495)
* Goudet S, Jayaraman A, Chanani S, Osrin D, **Devleesschauwer B**, Bogin B, Madise N, Griffiths P (2018) Cost effectiveness of a community based prevention and treatment of acute malnutrition programme in Mumbai slums, India. *PLOS ONE* 13:e0205688. doi: [10.1371/journal.pone.0205688](https://doi.org/10.1371/journal.pone.0205688)
* Dermauw V, Dorny P, Braae UC, **Devleesschauwer B**, Robertson LJ, Saratsis A, Thomas LF (2018) Epidemiology of *Taenia saginata* taeniosis/cysticercosis: a systematic review of the distribution in southern and eastern Africa. *Parasit Vectors* 11:578. doi: [10.1186/s13071-018-3163-3](https://doi.org/10.1186/s13071-018-3163-3)
* Trevisan C, Sotiraki S, Laranjo-González M, Dermauw V, Wang Z, Kärssin A, Cvetkovikj A, Winkler AS, Abraham A, Bobic B, Lassen B, Cretu C, Vasile C, Arvanitis D, Deksne G, Boro I, Kucsera I, Karamon J, Stefanovska J, Bretislav K, Pavlova MJ, Varady M, Pavlak M, Sarkunas M, Kaminski M, Djurkovic-Djakovic O, Jokelainen P, Stojcevic Jan D, Schmidt V, Dakic Z, Dorny P, Gabriël S, **Devleesschauwer B** (2018) Epidemiology of taeniosis/cysticercosis in Europe, a systematic review: Eastern Europe. *Parasit Vectors* 11:569. doi: [10.1186/s13071-018-3153-5](https://doi.org/10.1186/s13071-018-3153-5)
* Braae UC, Thomas LF, Robertson LJ, Dermauw V, Dorny P, Willingham AL, Saratsis A, **Devleesschauwer B** (2018) Epidemiology of *Taenia saginata* taeniosis/cysticercosis: a systematic review of the distribution in the Americas. *Parasit Vectors* 11:518. doi: [10.1186/s13071-018-3079-y](https://doi.org/10.1186/s13071-018-3079-y)
* Okello W, Okello A, Inthavong P, Tiemann T, Phengvilasouk A, **Devleesschauwer B**, Shaw A, Allen J (2018) Improved methods to capture the total societal benefits of zoonotic disease control: Demonstrating the cost-effectiveness of an integrated control programme for *Taenia solium*, soil transmitted helminths and classical swine fever in northern Lao PDR. *PLOS Negl Trop Dis* 12:e0006782. doi: [10.1371/journal.pntd.0006782](https://doi.org/10.1371/journal.pntd.0006782)
* Teng KT-Y, **Devleesschauwer B**, Maertens de Noordhout C, Bennett P, McGreevy PD, Chiu P-Y, Toribio J-AL, Dhand NK (2018) Welfare-Adjusted Life Years (WALY): A novel metric of animal welfare that combines the impacts of impaired welfare and abbreviated lifespan. *PLOS ONE* 13:e0202580. doi: [10.1371/journal.pone.0202580](https://doi.org/10.1371/journal.pone.0202580)
* Thomsen ST, Pires SM, **Devleesschauwer B**, Poulsen M, Fagt S, Ygil KH, Andersen R (2018) Investigating the risk-benefit balance of substituting red and processed meat with fish in a Danish diet. *Food Chem Toxicol* 120:50-63. doi: [10.1016/j.fct.2018.06.063](https://doi.org/10.1016/j.fct.2018.06.063)
* Laranjo-González M, **Devleesschauwer B**, Jansen F, Dorny P, Dupuy C, Requena-Méndez A, Allepuz A (2018) Epidemiology and economic impact of bovine cysticercosis and taeniosis caused by *Taenia saginata* in North-eastern Spain (Catalonia). *Parasit Vectors* 11:376. doi: [10.1186/s13071-018-2931-4](https://doi.org/10.1186/s13071-018-2931-4)
* Maertens de Noordhout C, Van Oyen H, Speybroeck N, **Devleesschauwer B** (2018) Changes in health in Belgium, 1990-2016: a benchmarking analysis based on the Global Burden of Disease 2016 study. *BMC Public Health* 18:775. doi: [10.1186/s12889-018-5708-y](https://doi.org/10.1186/s12889-018-5708-y)
* Torgerson PR, Rüegg S, **Devleesschauwer B**, Abela-Ridder B, Havelaar AH, Shaw A, Rushton J, Speybroeck N (2018) zDALY: an adjusted indicator for the burden of zoonotic diseases. *One Health* 5:40-45. doi: [10.1016/j.onehlt.2017.11.003](https://doi.org/10.1016/j.onehlt.2017.11.003)
* Schwingshackl L, Schwedhelm C, Hoffmann G, Knüppel S, Preterre AL, Iqbal K, Bechthold A, De Henauw S, Michels N, **Devleesschauwer B**, Schlesinger S, Boeing H (2018) Food groups and risk of colorectal cancer. *Int J Cancer* 142:1748-1758. doi: [10.1002/ijc.31198](https://doi.org/10.1002/ijc.31198)
* Schwingshackl L, Schlesinger S, **Devleesschauwer B**, Hoffmann G, Bechthold A, Schwedhelm C, Iqbal K, Knüppel S, Boeing H (2018) Generating the evidence for risk reduction – a contribution to the future of food-based dietary guidelines. *Proc Nutr Soc* 77:432-444. doi: [10.1017/S0029665118000125](https://doi.org/10.1017/S0029665118000125)
* Deng H, **Devleesschauwer B**, Liu M, Li J, Wu Y, van der Giessen J, Opsteegh M (2018) Seroprevalence of *Toxoplasma gondii* in pregnant women and livestock in the mainland of China: a systematic review and hierarchical meta-analysis. *Sci Rep* 8:6218. doi: [10.1038/s41598-018-24361-8](https://doi.org/10.1038/s41598-018-24361-8)
* Jansen F, Dorny P, Trevisan C, Dermauw V, Laranjo-González M, Allepuz A, Dupuy C, Krit M, Gabriël S, **Devleesschauwer B** (2018) Economic impact of bovine cysticercosis and taeniosis caused by *Taenia saginata* in Belgium. *Parasit Vectors* 11:241. doi: [10.1186/s13071-018-2804-x](https://doi.org/10.1186/s13071-018-2804-x)
* Al-Kappany YM, Abbas IEA, **Devleesschauwer B**, Dorny P, Jennes M, Cox E (2018) Seroprevalence of anti-*Toxoplasma gondii* antibodies in filter paper elutes from sera of Egyptian sheep and goats. *BMC Vet Res* 14:120. doi: [10.1186/s12917-018-1440-1](https://doi.org/10.1186/s12917-018-1440-1)
* Trevisan C, **Devleesschauwer B**, Praet N, Pondja A, Assane YA, Dorny P, Thamsborg SM, Magnussen P, Johansen MV (2018) Assessment of the societal cost of *Taenia solium* in Angónia district, Mozambique. *BMC Infect Dis* 18:127. doi: [10.1186/s12879-018-3030-z](https://doi.org/10.1186/s12879-018-3030-z)
* Hobbs EC, Mwape KE, Van Damme I, Berkvens D, Zulu G, Mambwe M, Chembensofu M, Phiri IK, Masuku M, Bottieau E, **Devleesschauwer B**, Speybroeck N, Colston A, Dorny P, Willingham III AL, Gabriël S (2018) Preliminary assessment of the computer-based *Taenia solium* educational program ‘The Vicious Worm’ on knowledge uptake in primary school children in rural areas in eastern Zambia. *Trop Med Int Health* 23:306-314. doi: [10.1111/tmi.13029](https://doi.org/10.1111/tmi.13029)
* Bouwknegt M, **Devleesschauwer B**, Graham H, Robertson LJ, van der Giessen J, EURO-FBP Workshop Participants (2018) Prioritization of foodborne parasites in Europe, 2016. *Euro Surveill* 23:17-00161. doi: [10.2807/1560-7917.ES.2018.23.9.17-00161](https://doi.org/10.2807/1560-7917.ES.2018.23.9.17-00161)
* Moyersoen I, Lachat C, Cuypers K, De Ridder K, **Devleesschauwer B**, Tafforeau J, Vandevijvere S, Vansteenland M, De Meulenaer B, Van Camp J, Van Oyen H (2018) Do current fortification and supplementation programs assure adequate intake of fat-soluble vitamins in Belgian infants, toddlers, pregnant women, and lactating women? *Nutrients* 10:223. doi: [10.3390/nu10020223](https://doi.org/10.3390/nu10020223)
* Hobbs EC, Mwape KE, **Devleesschauwer B**, Gabriël S, Chembensofu M, Mambwe M, Phiri IK, Masuku M, Zulu G, Colston A, Willingham III AL, Berkvens D, Dorny P, Bottieau E, Speybroeck N (2018) *Taenia solium* from a community perspective: preliminary costing data in the Katete and Sinda districts in eastern Zambia. *Vet Parasitol* 251:63-67. doi: [10.1016/j.vetpar.2018.01.001](https://doi.org/10.1016/j.vetpar.2018.01.001)
* Mfueni E, **Devleesschauwer B**, Van Malderen C, Rosas-Aguirre A, Brandt P, Dorsey G, Ogutu B, Snow RW, Tshilolo L, Zurovac D, Vanderelst D, Speybroeck N (2018) True malaria prevalence in children under five: Bayesian estimation using data of malaria household surveys from three sub-Saharan countries. *Malar J* 17:65. doi: [10.1186/s12936-018-2211-y](https://doi.org/10.1186/s12936-018-2211-y)
* Maertens de Noordhout C, **Devleesschauwer B**, Salomon JA, Turner H, Cassini A, Colzani E, Speybroeck N, Polinder S, Kretzschmar ME, Havelaar AH, Haagsma JA (2018) Disability weights for infectious diseases in four European countries: comparison between countries and across respondent characteristics. *Eur J Public Health* 28:124-133. doi: [10.1093/eurpub/ckx090](https://doi.org/10.1093/eurpub/ckx090)
* Asale A, Duchateau L, **Devleesschauwer B**, Huisman G, Yewhalaw D (2017) Zooprophylaxis as a malaria control strategy for *Anopheles* *arabiensis*: a systematic review. *Infect Dis Poverty* 6:160. doi: [10.1186/s40249-017-0366-3](https://doi.org/10.1186/s40249-017-0366-3). [IF 2.708]
* **Devleesschauwer B**, Bouwknegt M, Dorny P, Gabriël S, Havelaar AH, Quoilin S, Robertson LJ, Speybroeck N, Torgerson PR, van der Giessen JWB, Trevisan C (2017) Risk ranking of foodborne parasites: state of the art. *Food Waterborne Parasitol* 8-9:1-13. doi: [10.1016/j.fawpar.2017.11.001](https://doi.org/10.1016/j.fawpar.2017.11.001)
* Mwelma C, Mwape KE, Van Damme I, Hobbs E, Phiri IK, Masuku M, Zulu G, Colston A, Willingham AL, **Devleesschauwer B**, Van Hul A, Chota A, Speybroeck N, Berkvens D, Dorny P, Gabriël S (2017) Re-visiting the detection of porcine cysticercosis based on full carcass dissections of naturally *Taenia solium* infected pigs. *Parasit Vectors* 10:572. doi: [10.1186/s13071-017-2520-y](https://doi.org/10.1186/s13071-017-2520-y). [IF 3.163]
* Gómez-Morales MA, Gárate T, Blocher J, **Devleesschauwer B**, Smit GSA, Schmidt V, Pereguer MJ, Ludovisi A, Pozio E, Dorny P, Gabriël S, Winkler AS (2017) Present status of laboratory diagnosis of human taeniosis/cysticercosis in Europe. *Eur J Clin Microbiol Infect Dis* 36:2029-2040. doi: [10.1007/s10096-017-3029-1](https://doi.org/10.1007/s10096-017-3029-1). [IF 2.537]
* Renard F, **Devleesschauwer B**, Gadeyne S, Tafforeau J, Deboosere P (2017) Educational inequalities in premature mortality by region in the Belgian population in the 2000s. *Arch Public Health* 75:44. doi: [10.1186/s13690-017-0212-x](https://doi.org/10.1186/s13690-017-0212-x)
* Charafeddine R, Demarest S, Cleemput I, Van Oyen H, **Devleesschauwer B** (2017) Gender and educational differences in the association between smoking and health-related quality of life in Belgium. *Prev Med* 105:280-286. doi: [10.1016/j.ypmed.2017.09.016](https://doi.org/10.1016/j.ypmed.2017.09.016). [IF 3.483]
* Maertens de Noordhout C, **Devleesschauwer B**, Haagsma JA, Havelaar AH, Bertrand S, Vandenberg O, Quoilin S, Brandt PT, Speybroeck N (2017) Burden of salmonellosis, campylobacteriosis and listeriosis: a time series analysis, Belgium, 2012 to 2020. *Euro Surveill* 22:30615. doi: [10.2807/1560-7917.ES.2017.22.38.30615](https://doi.org/10.2807/1560-7917.ES.2017.22.38.30615). [IF 7.127]
* Braae UC, **Devleesschauwer B**, Sithole F, Wang Z, Willingham AL (2017) Mapping occurrence of *Taenia solium* taeniosis/cysticercosis and areas at risk of porcine cysticercosis in Central America and the Caribbean basin. *Parasit Vectors* 10:424. doi: [10.1186/s13071-017-2362-7](https://doi.org/10.1186/s13071-017-2362-7). [IF 3.163]
* Hoffmann S, **Devleesschauwer B**, Aspinall W, Cooke R, Corrigan T, Havelaar AH, Angulo FJ, Gibb HJ, Kirk MD, Lake RJ, Speybroeck N, Torgerson PR, Hald T (2017) Attribution of global foodborne disease to specific foods: Findings from a World Health Organization structured expert elicitation. *PLOS ONE* 12:e0183641. doi: [10.1371/journal.pone.0183641](https://doi.org/10.1371/journal.pone.0183641). [IF 2.766]
* **Devleesschauwer B**, Marvasi M, Giurcanu MC, Hochmuth GJ, Speybroeck N, Havelaar AH, Teplitski M (2017) High relative humidity pre-harvest reduces post-harvest proliferation of *Salmonella* in tomatoes. *Food Microbiol* 66:55-63. doi: [10.1016/j.fm.2017.04.003](https://doi.org/10.1016/j.fm.2017.04.003). [IF 4.09]
* Smit GSA, Padalko E, Van Acker J, Hens N, Dorny P, Speybroeck N, **Devleesschauwer B** (2017) The public health impact of congenital toxoplasmosis and cytomegalovirus infection in Belgium. *Clin Infect Dis* 65:661-668. doi: [10.1093/cid/cix344](https://doi.org/10.1093/cid/cix344). [IF 9.117]
* Moyersoen I, **Devleesschauwer B**, Dekkers A, De Ridder K, Tafforeau J, Van Camp J, Van Oyen H, Lachat C (2017) Intake of fat-soluble vitamins in the Belgian population: adequacy and contribution of foods, fortified foods and supplements. *Nutrients* 9:860. doi: [10.3390/nu9080860](https://doi.org/10.3390/nu9080860). [IF 4.196]
* Laranjo-González M, **Devleesschauwer B**, Trevisan C, Allepuz A, Sotiraki S, Abraham A, Boaventura Afonso M, Blocher J, Cardoso L, Manuel Correia da Costa J, Dorny P, Gabriël S, Gomes J, Ángeles Gómez-Morales M, Jokelainen P, Kaminski M, Krt B, Magnussen P, Robertson LJ, Schmidt V, Schmutzhard E, Smit SA, Šoba B, Stensvold CR, Staric J, Troell K, Vergles Rataj A, Vieira-Pinto M, Vilhena M, Wardrop NA, Winkler AS, Dermauw V (2017) Epidemiology of taeniosis/cysticercosis in Europe, a systematic review: Western Europe. *Parasit Vectors* 10:349. doi: [10.1186/s13071-017-2280-8](https://doi.org/10.1186/s13071-017-2280-8). [IF 3.163]
* Smit GSA, Vu Thi Lam B, Do Trung D, Speybroeck N, **Devleesschauwer B**, Padalko E, Roets E, Dorny P (2017) Prenatal diagnosis and prevention of toxoplasmosis in pregnant women in Northern Vietnam: study protocol. *BMC Infect Dis* 17:364. doi: [10.1186/s12879-017-2446-1](https://doi.org/10.1186/s12879-017-2446-1). [IF 2.62]
* Renard F, Gadeyne S, **Devleesschauwer B**, Tafforeau J, De Boosere P (2017) Trends in educational inequalities in premature mortality in Belgium between the 1990s and the 2000s: the contribution of specific causes of deaths. *J Epidemiol Community Health* 71:371-380. doi: [10.1136/jech-2016-208370](https://doi.org/10.1136/jech-2016-208370). [IF 3.973]
* Maertens de Noordhout C, **Devleesschauwer B**, Gielens L, Plasmans MHD, Haagsma JA, Speybroeck N (2017) Mapping EQ-5D utilities to GBD 2010 and GBD 2013 disability weights: results of two pilot studies in Belgium. *Arch Public Health* 75:6. doi: [10.1186/s13690-017-0174-z](https://doi.org/10.1186/s13690-017-0174-z)
* Steckling N, **Devleesschauwer B**, Winkelnkemper J, Fischer F, Ericson B, Krämer A, Hornberg C, Fuller R, Plass D, Bose-O’Reilly S (2017) Disability weights for chronic mercury intoxication resulting from gold mining activities: results from an online pairwise comparisons survey. *Int J Environ Res Public Health* 14:57. doi: [10.3390/ijerph14010057](https://doi.org/10.3390/ijerph14010057). [IF 2.145]
* Smit GSA, Apers L, Arrazole de Onate W, Beutels P, Dorny P, Forier A-M, Janssens K, Macq J, Mak R, Schol S, Wildemeersch D, Speybroeck N, **Devleesschauwer B** (2017) Cost-effectiveness of screening for active cases of tuberculosis in Flanders, Belgium. *Bull World Health Org* 95:27-35. doi: [10.2471/BLT.16.169383](https://doi.org/10.2471/BLT.16.169383). [IF 6.361]
* **Devleesschauwer B**, Allepuz A, Dermauw V, Johansen MV, Laranjo-González M, Smit GSA, Sotiraki S, Trevisan C, Wardrop NA, Dorny P, Gabriël S (2017) *Taenia solium* in Europe: still endemic? *Acta Trop* 165:96-99. doi: [10.1016/j.actatropica.2015.08.006](https://doi.org/10.1016/j.actatropica.2015.08.006). [IF 2.509]
* Trevisan C, **Devleesschauwer B**, Schmidt V, Winkler AS, Harrison W, Johansen MV (2017) The societal cost of *Taenia solium* cysticercosis in Tanzania. *Acta Trop* 165:141-154. doi: [10.1016/j.actatropica.2015.12.021](https://doi.org/10.1016/j.actatropica.2015.12.021). [IF 2.509]
* Braae UC, **Devleesschauwer B**, Gabriël S, Dorny P, Speybroeck N, Magnussen P, Torgerson P, Johansen MV (2016) cystiSim—an agent-based model for *Taenia solium* transmission and control. *PLOS Negl Trop Dis* 10:e0005184. doi: [10.1371/journal.pntd.0005184](https://doi.org/10.1371/journal.pntd.0005184). [IF 3.834; Q1; 1/19]
* McDonald SA, **Devleesschauwer B**, Wallinga J (2016) The impact of individual-level heterogeneity on estimated infectious disease burden: a simulation study. *Popul Health Metr* 14:47. doi: [10.1186/s12963-016-0116-y](https://doi.org/10.1186/s12963-016-0116-y). [IF 2.91; Q1; 15/157]
* McKenzie JS, Dahal R, Kakkar M, Debnath N, Rahman M, Dorjee S, Naeem K, Wijayathilaka T, Sharma B, Maidanwal N, Halimi A, Kim E, Chatterjee P, **Devleesschauwer B** (2016) One Health research and training and government support for One Health in South Asia. *Infect Ecol Epidemiol* 6:33842. doi: [10.3402/iee.v6.33842](https://doi.org/10.3402/iee.v6.33842)
* van de Velde N, **Devleesschauwer B**, Leopold M, Begeman L, Ijsseldijk LL, Hiemstra S, Ijzer J, Brownlow A, Davison N, Haelters J, Jauniaux T, Siebert U, Dorny P, De Craeye S (2016) *Toxoplasma gondii* in stranded marine mammals from the North Sea and Eastern Atlantic Ocean: findings and diagnostic difficulties. *Vet Parasitol* 230:25-32. doi: [10.1016/j.vetpar.2016.10.021](https://doi.org/10.1016/j.vetpar.2016.10.021). [IF 2.356; Q1; 9/136]
* Tromme I, Legrand C, **Devleesschauwer B**, Leiter U, Suciu S, Eggermont A, Sacré L, Baurain J-F, Thomas L, Beutels P, Speybroeck N (2016) Cost-effectiveness analysis in melanoma detection: a transition model applied to dermoscopy. *Eur J Cancer* 67:38-45. doi: [10.1016/j.ejca.2016.07.020](https://doi.org/10.1016/j.ejca.2016.07.020). [IF 6.029; Q1; 34/217]
* Maertens de Noordhout C, **Devleesschauwer B**, Maertens de Noordhout A, Blocher J, Haagsma JA, Havelaar AH, Speybroeck N (2016) Comorbidities and factors associated with central nervous system infections and death in non-perinatal listeriosis: a clinical case series. *BMC Infect Dis* 16:256. doi: [10.1186/s12879-016-1602-3](https://doi.org/10.1186/s12879-016-1602-3). [IF 2.768; Q2; 37/84]
* Robertson LJ, **Devleesschauwer B**, de Noya BA, Noya González O, Torgerson PR (2016) *Trypanosoma cruzi*—time for international recognition as a foodborne pathogen. *PLOS Negl Trop Dis* 10:e0004656. doi: [10.1371/journal.pntd.0004656](https://doi.org/10.1371/journal.pntd.0004656). [IF 3.834; Q1; 1/19]
* Sharma BK, Manandhar S, **Devleesschauwer B** (2016) Serological evidence of type 2 (North American genotype) porcine reproductive and respiratory syndrome virus in Nepal. *Trop Anim Health Prod* 48:663-666. doi: [10.1007/s11250-015-0986-1](https://doi.org/10.1007/s11250-015-0986-1). [IF 0.912; Q2; 24/58]
* **Devleesschauwer B**, Aryal A, Sharma BK, Ale A, Declercq A, Depraz S, Gaire TN, Gongal G, Karki S, Pandey BD, Pun SB, Duchateau L, Dorny P, Speybroeck N (2016) Epidemiology, impact and control of rabies in Nepal: a systematic review. *PLOS Negl Trop Dis* 10:e0004461. doi: [10.1371/journal.pntd.0004461](https://doi.org/10.1371/journal.pntd.0004461). [IF 3.834; Q1; 1/19]
* Laranjo-González M, **Devleesschauwer B**, Gabriël S, Dorny P, Allepuz A (2016) Epidemiology, impact and control of bovine cysticercosis in Europe: a systematic review. *Parasit Vectors* 9:81. doi: [10.1186/s13071-016-1362-3](https://doi.org/10.1186/s13071-016-1362-3). [IF 3.08; Q1; 9/36]
* Hoffmann S, Aspinall W, Cooke R, Cawthorne A, Corrigan T, Havelaar A, Gibb H, Torgerson P, Kirk M, Angulo F, Lake R, Speybroeck N, **Devleesschauwer B**, Hald T (2016) Research synthesis methods in an age of globalized risks: Lessons from the global burden of foodborne disease expert elicitation. *Risk Anal* 36:191-202. doi: [10.1111/risa.12385](https://doi.org/10.1111/risa.12385). [IF 2.518; Q1; 17/100]
* Hald T, Aspinall T, **Devleesschauwer B**, Cooke R, Corrigan T, Havelaar AH, Gibb HJ, Torgerson PR, Kirk MD, Angulo FJ, Lake RJ, Speybroeck N, Hoffmann S (2016) World Health Organization estimates of the relative contributions of food to the burden of disease due to selected foodborne hazards: a structured expert elicitation. *PLOS ONE* 11:e0145839. doi: [10.1371/journal.pone.0145839](https://doi.org/10.1371/journal.pone.0145839). [IF 2.806; Q1; 15/64]
* Tromme I, Legrand C, **Devleesschauwer B**, Leiter U, Suciu S, Eggermont A, Francart J, Calay F, Haagsma JA, Baurain J-F, Thomas L, Beutels P, Speybroeck N (2016) Melanoma burden by melanoma stage: assessment through a disease transition model. *Eur J Cancer* 53:33-41. doi: [10.1016/j.ejca.2015.09.016](https://doi.org/10.1016/j.ejca.2015.09.016). [IF 6.029; Q1; 34/217]
* Tigre W, Deresa B, Haile A, Gabriël S, Victor B, Van Pelt J, **Devleesschauwer B**, Vercruysse J, Dorny P (2016) Molecular characterisation of *Echinococcus granulosus* s.l. cysts from cattle, camels, goats and pigs in Ethiopia. *Vet Parasitol* 215:17-21. doi: [10.1016/j.vetpar.2015.10.022](https://doi.org/10.1016/j.vetpar.2015.10.022). [IF 2.356; Q1; 9/136]
* Pires SM, Fischer-Walker CL, Lanata CF, **Devleesschauwer B**, Hall AJ, Kirk MD, Duarte ASR, Black RE, Angulo FJ (2015) Aetiology-specific estimates of the global and regional incidence and mortality of diarrhoeal diseases commonly transmitted through food. *PLOS ONE* 10:e0142927. doi: [10.1371/journal.pone.0142927](https://doi.org/10.1371/journal.pone.0142927). [IF 3.057; Q1; 7/151]
* **Devleesschauwer B**, Haagsma JA, Angulo FJ, Bellinger DC, Cole D, Döpfer D, Fazil A, Fèvre EM, Gibb H, Hald T, Kirk MD, Lake RJ, Maertens de Noordhout C, Mathers CD, McDonald SA, Pires SM, Speybroeck N, Thomas MK, Torgerson PR, Wu F, Havelaar AH, Praet N (2015) Methodological framework for World Health Organization estimates of the global burden of foodborne disease. *PLOS ONE* 10:e0142498. doi: [10.1371/journal.pone.0142498](https://doi.org/10.1371/journal.pone.0142498). [IF 3.057; Q1; 7/151]
* Lake R, **Devleesschauwer B**, Nasinyama G, Havelaar A, Kuchenmüller T, Haagsma J, Jensen H, Jessani N, Maertens de Noordhout C, Angulo F, Ehiri J, Molla L, Agaba F, Aungkulanon S, Kumagai Y, Speybroeck N (2015) National studies as a component of the World Health Organization initiative to estimate the global and regional burden of foodborne disease. *PLOS ONE* 10:e0140319. doi: [10.1371/journal.pone.0140319](https://doi.org/10.1371/journal.pone.0140319). [IF 3.057; Q1; 7/151]
* Torgerson PR, **Devleesschauwer B**, Praet N, Speybroeck N, Willingham AL, Kasuga F, Rokni MB, Zhou X-N, Fevre E, Sripa B, Gargouri N, Fürst T, Budke CM, Carabin H, Kirk MD, Angulo FJ, Havelaar AH, de Silva N (2015) World Health Organization estimates of the global and regional disease burden of 11 foodborne parasitic diseases, 2010: a data synthesis. *PLoS Med* 12:e1001920. doi: [10.1371/journal.pmed.1001920](https://doi.org/10.1371/journal.pmed.1001920). [IF 13.585; Q1; 11/63]
* Kirk MD, Pires SM, Black RE, Caipo M, Crump JA, **Devleesschauwer B**, Döpfer D, Fazil A, Fischer-Walker CL, Hald T, Hall AJ, Keddy KH, Lake R, Lanata CF, Torgerson PR, Havelaar AH, Angulo FJ (2015) World Health Organization estimates of the global and regional disease burden of 22 foodborne bacterial, protozoal and viral diseases, 2010: a data synthesis. *PLoS Med* 12:e1001921. doi: [10.1371/journal.pmed.1001921](https://doi.org/10.1371/journal.pmed.1001921). [IF 13.585; Q1; 11/63]
* Gibb HJ, **Devleesschauwer B**, Bolger PM, Wu F, Ezendam J, Cliff J, Zeilmaker M, Verger P, Pitt J, Baines J, Adegoke G, Afshari R, Liu Y, Bokkers B, van Loveren H, Mengelers M, Havelaar A, Bellinger D (2015) World Health Organization estimates of the global and regional disease burden of four foodborne chemical toxins, 2010: a data synthesis. *F1000 Research* 4:1393. doi: [10.12688/f1000research.7340.1](https://doi.org/10.12688/f1000research.7340.1)
* Havelaar AH, Kirk MD, Torgerson PR, Gibb H, Hald T, Lake RJ, Praet N, Angulo FJ, Bellinger DC, De Silva NR, Gargouri N, Speybroeck N, Cawthorne A, Mathers C, Stein C, **Devleesschauwer B** (2015) World Health Organization global estimates and regional comparisons of the burden of foodborne disease, 2010. *PLoS Med* 12:e1001923. doi: [10.1371/journal.pmed.1001923](https://doi.org/10.1371/journal.pmed.1001923). [IF 13.585; Q1; 11/63]
* Salomon JA, Haagsma JA, Davis A, Maertens de Noordhout C, Polinder S, Havelaar AH, Cassini A, **Devleesschauwer B**, Kretzschmar M, Speybroeck N, Murray CJ, Vos T (2015) Disability weights for the Global Burden of Disease 2013 study. *Lancet Glob Health* 3:712-723. doi: [10.1016/S2214-109X(15)00069-8](https://doi.org/10.1016/S2214-109X(15)00069-8). [IF 14.722; Q1; 1/172]
* Gabriël S, Johansen MV, Pozio E, Smit S, **Devleesschauwer B**, Allepuz A, Dorny P (2015) Human migration and pig/pork import in the European Union: what are the implications for *Taenia solium* infections? *Vet Parasitol* 213:38-45. doi: [10.1016/j.vetpar.2015.03.006](https://doi.org/10.1016/j.vetpar.2015.03.006). [IF 2.242; Q1; 10/138]
* Braae UC, Saarnak CF, Mukaratirwa S, **Devleesschauwer B**, Magnussen P, Johansen MV (2015) Distribution of *Taenia solium* taeniosis/cysticercosis and co-endemicity with schistosomiasis in Africa. *Parasit Vectors* 8:323. doi: [10.1186/s13071-015-0938-7](https://doi.org/10.1186/s13071-015-0938-7). [IF 3.234; Q1; 8/36]
* **Devleesschauwer B**, Smit GSA, Dorny P, van der Giessen JW, Gabriël S (2015) Neurocysticercosis in Europe: need for a one health approach [Letter to the Editor]. *Neuropediatrics* 46:354-355. doi: [10.1055/s-0035-1558437](https://doi.org/10.1055/s-0035-1558437). [IF 1.291; Q3; 73/120]
* Dorny P, **Devleesschauwer B**, Stoliaroff V, Meas S, Chea R, Chea B, Sourloing H, Samuth S, Kong S, Nguong K, Sorn S, Holl D, Vercruysse J (2015) Prevalence and associated risk factors of *Toxocara vitulorum* infections in buffalo and cattle calves in central Cambodia. *Korean J Parasitol* 53:197-200. doi: [10.3347/kjp.2015.53.2.197](https://doi.org/10.3347/kjp.2015.53.2.197). [IF 1.027; Q3; 27/36]
* Gowda TK, Reddy VR, **Devleesschauwer B**, Zade N, Chaudhari S, Khan W, Shinde S, Patil A (2015) Isolation and seroprevalence of *Aeromonas* spp. among common food animals slaughtered in Nagpur, Central India. *Foodborne Pathog Dis* 12:626-630. doi: [10.1089/fpd.2014.1922](https://doi.org/10.1089/fpd.2014.1922). [IF 2.27; Q1; 31/124]
* Haagsma JA, Maertens de Noordhout C, Polinder S, Vos T, Havelaar AH, Cassini A, **Devleesschauwer B**, Kretzschmar M, Speybroeck N, Salomon JA (2015) Assessing disability weights based on the responses of 30,660 people from four European countries. *Popul Health Metr* 13:10. doi: [10.1186/s12963-015-0042-4](https://doi.org/10.1186/s12963-015-0042-4). [IF 2.768; Q1; 16/153]
* McDonald SA, **Devleesschauwer B**, Speybroeck N, Hens N, Praet N, Torgerson PR, Havelaar AH, Wu F, Tremblay M, Amene EW, Döpfer D (2015) Data-driven methods for imputing national-level incidence rates in global burden of disease studies. *Bull World Health Org* 93:228-236. doi: [10.2471/BLT.14.139972](https://doi.org/10.2471/BLT.14.139972). [IF 5.296; Q1; 11/172]
* Speybroeck N, **Devleesschauwer B**, Depoorter P, Dewulf J, Berkvens D, Van Huffel X, Saegerman C (2015) Needs and expectations regarding risk ranking in the food chain: a pilot survey amongst decision makers and stakeholders. *Food Control* 54:135-143. doi: [10.1016/j.foodcont.2014.12.041](https://doi.org/10.1016/j.foodcont.2014.12.041). [IF 3.388; Q1; 14/124]
* **Devleesschauwer B**, Praet N, Speybroeck N, Torgerson PR, Haagsma JA, De Smet K, Murrell D, Pozio E, Dorny P (2015) The low global burden of trichinellosis: evidence and implications. *Int J Parasitol* 45:95-99. doi: [10.1016/j.ijpara.2014.05.006](https://doi.org/10.1016/j.ijpara.2014.05.006). [IF 4.242; Q1; 5/36]
* Tromme I, **Devleesschauwer B**, Beutels P, Richez P, Leroy A, Baurain JF, Cornélis F, Bertrand C, Legrand N, Degueldre J, Thomas L, Legrand C, Haagsma JA, Speybroeck N (2014) Health related quality of life in melanoma patients expressed as index values and disability weights: a Belgian study. *Br J Dermatol* 171:1443-1450. doi: [10.1111/bjd.13262](https://doi.org/10.1111/bjd.13262). [IF 4.275; Q1; 6/63]
* **Devleesschauwer B**, Maertens de Noordhout C, Smit GSA, Duchateau L, Dorny P, Stein C, Van Oyen H, Speybroeck N (2014) Quantifying burden of disease to support public health policy in Belgium: opportunities and constraints. *BMC Public Health* 14:1196. doi: [10.1186/1471-2458-14-1196](https://doi.org/10.1186/1471-2458-14-1196). [IF 2.264; Q2; 53/165]
* Tromme I, **Devleesschauwer B**, Beutels P, Richez P, Praet N, Sacré L, Marot L, Van Eeckhout P, Theate I, Baurain JF, Thomas L, Speybroeck N (2014) Selective use of digital dermoscopy allows a cost reduction in the melanoma detection process: a Belgian study of patients with a single or a small number of atypical nevi. *PLOS One* 9:e109339. doi: [10.1371/journal.pone.0109339](https://doi.org/10.1371/journal.pone.0109339). [IF 3.234; Q1; 9/57]
* Maertens de Noordhout C, **Devleesschauwer B**, Angulo FJ, Verbeke G, Haagsma J, Kirk M, Havelaar A, Speybroeck N (2014) The global burden of listeriosis: a systematic review and meta-analysis. *Lancet Infect Dis* 14:1073-1082. doi: [10.1016/S1473-3099(14)70870-9](https://doi.org/10.1016/S1473-3099(14)70870-9). [IF 22.433; Q1; 1/78]
* Coral-Almeida M, Rodríguez-Hidalgo R, Celi-Erazo M, García HH, Rodríguez S, Benítez-Ortiz W, **Devleesschauwer B**, Dorny P, Praet N (2014) Incidence and transmission dynamics of human cysticercosis in a *Taenia solium* Ecuadorian endemic area: implications for disease burden assessment and control. *PLoS Negl Trop Dis* 8:e2887. doi: [10.1371/journal.pntd.0002887](https://doi.org/10.1371/journal.pntd.0002887). [IF 4.446; Q1; 5/36]
* **Devleesschauwer B**, Havelaar AH, Maertens de Noordhout C, Haagsma JA, Praet N, Dorny P, Duchateau L, Torgerson PR, Van Oyen H, Speybroeck N (2014) DALY calculation in practice: a stepwise approach. *Int J Public Health* 59:571-574. doi: [10.1007/s00038-014-0553-y](https://doi.org/10.1007/s00038-014-0553-y). [IF 2.701; Q1; 39/165]
* **Devleesschauwer B**, Havelaar AH, Maertens de Noordhout C, Haagsma JA, Praet N, Dorny P, Duchateau L, Torgerson PR, Van Oyen H, Speybroeck N (2014) Calculating disability-adjusted life years to quantify burden of disease. *Int J Public Health* 59:565-569. doi: [10.1007/s00038-014-0552-z](https://doi.org/10.1007/s00038-014-0552-z). [IF 2.701; Q1; 39/165]
* Henrard S, **Devleesschauwer B**, Beutels P, Callens M, De Smet F, Hermans C, Speybroeck N (2014) The health and economic burden of haemophilia in Belgium: a rare, expensive and challenging disease. *Orphanet J Rare Dis* 9:39. doi: [10.1186/1750-1172-9-39](https://doi.org/10.1186/1750-1172-9-39). [IF 3.358; Q2; 56/167]
* Ale A, Victor B, Praet N, Gabriël S, Speybroeck N, Dorny P, **Devleesschauwer B** (2014) Epidemiology and genetic diversity of *Taenia asiatica*: a systematic review. *Parasit Vectors* 7:45. doi: [10.1186/1756-3305-7-45](https://doi.org/10.1186/1756-3305-7-45). [IF 3.43; Q1; 7/36]
* **Devleesschauwer B**, Ale A, Torgerson P, Praet N, Maertens de Noordhout C, Pandey BD, Pun SB, Lake R, Vercruysse J, Joshi DD, Havelaar AH, Duchateau L, Dorny P, Speybroeck N (2014) The burden of parasitic zoonoses in Nepal: a systematic review. *PLoS Negl Trop Dis* 8:e2634. doi: [10.1371/journal.pntd.0002634](https://doi.org/10.1371/journal.pntd.0002634). [IF 4.446; Q1; 5/36]
* **Devleesschauwer B**, Pruvot M, Joshi DD, De Craeye S, Jennes M, Ale A, Welinski A, Lama S, Aryal A, Victor B, Duchateau L, Speybroeck N, Vercruysse J, Dorny P (2013) Seroprevalence of zoonotic parasites in pigs slaughtered in the Kathmandu Valley of Nepal. *Vector Borne Zoonotic Dis* 13:872-876. doi: [10.1089/vbz.2013.1313](https://doi.org/10.1089/vbz.2013.1313). [IF 2.531; Q2; 43/162]
* Speybroeck N, Van Malderen C, Harper S, Müller B, **Devleesschauwer B** (2013) Simulation models for socioeconomic inequalities in health: a systematic review. *Int J Environ Res Public Health* 10:5750-5780. doi: [10.3390/ijerph10115750](https://doi.org/10.3390/ijerph10115750). [IF 1.993; Q2; 90/216]
* Speybroeck N, **Devleesschauwer B**, Joseph L, Berkvens D (2013) Misclassification errors in prevalence estimation: Bayesian handling with care. *Int J Public Health* 58:791-795. doi: [10.1007/s00038-012-0439-9](https://doi.org/10.1007/s00038-012-0439-9). [IF 1.966; Q2; 59/162]
* Kanobana K, **Devleesschauwer B**, Polman K, Speybroeck N (2013) An agent-based model of exposure to human toxocariasis: a multi-country validation. *Parasitology* 140:986-998. doi: [10.1017/S0031182013000310](https://doi.org/10.1017/S0031182013000310). [IF 2.35; Q2; 13/37]
* **Devleesschauwer B**, Ale A, Duchateau L, Dorny P, Lake R, Dhakal P, Pun SB, Pandey BD, Speybroeck N (2013) Understanding the burden of disease in Nepal: a call for local evidence. *J Nepal Health Res Counc* 11:221-224
* **Devleesschauwer B**, Aryal A, Tharmalingam J, Joshi DD, Rijal S, Speybroeck N, Gabriël S, Victor B, Dorny P (2013) Complexities in using sentinel pigs to study *Taenia solium* transmission dynamics under field conditions. *Vet Parasitol* 193:172-178. doi: [10.1016/j.vetpar.2012.12.010](https://doi.org/10.1016/j.vetpar.2012.12.010). [IF 2.545; Q1; 5/132]
* Speybroeck N, Williams CJ, Lafia KB, **Devleesschauwer B**, Berkvens D (2012) Estimating the prevalence of infections in vector populations using pools of samples. *Med Vet Entomol* 26:361-371. doi: [10.1111/j.1365-2915.2012.01015.x](https://doi.org/10.1111/j.1365-2915.2012.01015.x). [IF 2.208; Q1; 11/87]
* **Devleesschauwer B**, Aryal A, Joshi DD, Rijal S, Sherchand JB, Praet N, Speybroeck N, Duchateau L, Vercruysse J, Dorny P (2012) Epidemiology of *Taenia solium* in Nepal: is it influenced by the social characteristics of the population and the presence of *Taenia asiatica*? *Trop Med Int Health* 17:1019-1022. doi: [10.1111/j.1365-3156.2012.03017.x](https://doi.org/10.1111/j.1365-3156.2012.03017.x). [IF 2.938; Q1; 31/161]
* Charlier J, Levecke B, **Devleesschauwer B**, Vercruysse J, Hogeveen H (2012) The economic effects of whole-herd versus selective anthelmintic treatment strategies in dairy cows. *J Dairy Sci* 95:2977-2987. doi: [10.3168/jds.2011-4719](https://doi.org/10.3168/jds.2011-4719). [IF 2.566; Q1; 3/54]
* Pant B, **Devleesschauwer B**, Shrestha P, Shrestha I, Praet N, Dorny P (2011) Intraventricular *Taenia solium* neurocysticercosis: a report of three cases. *JNMA J Nepal Med Assoc* 51:192-195. [IF 0.197; Q4; 155/158]