

## Publications internationales AGIR 2020

**(P2020-01)** Emerging infectious and vector-borne diseases: a global challenge

K.M. Warpeha, V. Munster, C. Mullié, S.H. Chen

*Front. Public Health* 2020, 8, Article 214; doi:10.3389/fpubh.2020.00214.

**(P2020-02)** Validation of a worst-case scenario method adapted to the healthcare environment for testing the antibacterial effect of brass surfaces and implementation on hospital antibiotic-resistant strains

E. Dauvergne, C. Lacquemant, C. Adjidé, C. Mullié

*Antibiotics* 2020, 9(5), 245; doi: 10.3390/antibiotics9050245.

**(P2020-03)** *Bacillus cereus* contamination of pasteurized human milk donations: frequency, origin, seasonal distribution, molecular typing of strains and proposed corrective/preventive actions

C.C. Adjidé, A. Léké, C. Mullié

*J. Matern. Fetal. Neonatal. Med.* 2020, 1-8; doi: 10.1080/14767058.2020.1763295.

**(P2020-04)** Enantiopure substituted pyridines as promising antimalarial drug candidates

G. Bentzinger, E. Pair, J. Guillon, M. Marchivie, C. Mullié, P. Agnamey, A. Dassonville-Klimpt, P. Sonnet  
*Tetrahedron* 2020, 76(15), 131088; doi:10.1016/j.tet.2020.131088.

**(P2020-05)** Design, synthesis, and antiprotozoal evaluation of new 2,4-bis[(substituted-aminomethyl)phenyl]quinoline, 1,3-bis[(substituted-aminomethyl)phenyl]isoquinoline and 2,4-bis[(substituted-aminomethyl)phenyl]quinazoline derivatives

J. Guillon, A. Cohen, C. Boudot, A. Valle, V. Milano, R. N. Das, A. Guédin, S. Moreau, L. Ronga, S. Savrimoutou, M. Demourgues, E. Reviriego, S. Rubio, S. Ferriez, P. Agnamey, C. Pauc, S. Moukha, P. Dozolme, S. Da Nascimento, P. Laumailié, A. Bouchut, N. Azas, J. L. Mergny, C. Mullié, P. Sonnet, B. Courtioux

*J. Enzyme Inhib. Med. Chem.* 2020, 35(1), 432-459; doi: 10.1080/14756366.2019.1706502.

**(P2020-06)** Treatment of nontuberculous mycobacterial pulmonary disease: an official ATS/ERS/ESCMID/IDSA clinical practice guideline

C.-L. Daley, J.-M. Iaccarino, C. Lange, E. Cambau, R.-J. Jr Wallace, C. Andréjak, E.-C. Böttger, J. Brozek, D.-E. Griffith, L. Guglielmetti, G.-A. Huitt, S.-L. Knight, P. Leitman, T.-K. Marras, K.-N. Olivier, M. Santin, J.-E. Stout, E. Tortoli, J. van Ingen, D. Wagner, K.-L. Winthrop

*Eur. Respir. J.* 2020, 56, 2000535; doi: 10.1183/13993003.00535-2020.

**(P2020-07)** Treatment of nontuberculous mycobacterial pulmonary disease: an official ATS/ERS/ESCMID/IDSA clinical practice guideline: executive summary

C.-L. Daley, J.-M. Iaccarino, C. Lange, E. Cambau, R.-J. Wallace, C. Andréjak, E.-C. Böttger, J. Brozek, D.-E. Griffith, L. Guglielmetti, G.-A. Huitt, S.-L. Knight, P. Leitman, T.-K. Marras, K.-N. Olivier, M. Santin, J.-E. Stout, E. Tortoli, J. van Ingen, D. Wagner, K.-L. Winthrop

*Clin. Infect. Dis.* 2020, 71(4), e1-e36; doi: 10.1093/cid/ciaa241.

- (P2020-08)** Association between renin-angiotensin system inhibitors and COVID-19 complications  
S. Liabeuf, J. Moragny, Y. Bennis, B. Batteux, E. Brochot, J.-L. Schmit, J.-P. Lanoix, C. Andréjak, O. Ganry, M. Slama, J. Maizel, Y. Mahjoub, K. Masmoudi, V. Gras-Champel  
*Eur. Heart J. Cardiovasc. Pharmacother.* 2020, 7(5), 426-434; doi: 10.1093/ehjcvp/pvaa062.
- (P2020-09)** Synergistic activity of clofazimine and clarithromycin in an aerosol mouse model of *Mycobacterium avium* infection  
J.-P. Lanoix, C. Joseph, F. Peltier, S. Castelain, C. Andréjak  
*Antimicrob. Agents Chemother.* 2020, 64(5), e02349-19; doi: 10.1128/AAC.02349-19.
- (P2020-10)** Dynamic profile for the detection of anti-SARS-CoV-2 antibodies using four immunochromatographic assays  
B. Demey, N. Daher, C. François, J.-P. Lanoix, G. Duverlie, S. Castelain, E. Brochot  
*J. Infect.* 2020, 81(2), e6-e10; doi: 10.1016/j.jinf.2020.04.033.
- (P2020-11)** Therapeutic options for coronavirus disease 2019 (COVID-19) - Modulation of type I interferon response as a promising strategy?  
A. Mary, L. Hénaut, J.-L. Schmit, J.-P. Lanoix, M. Brazier  
*Front. Public Health* 2020, 8, Article 185; doi: 10.3389/fpubh.2020.00185.
- (P2020-12)** Treatment of bone and joint tuberculosis in France: a multicenter retrospective study  
A. Guillouzouic, C. Andréjak, O. Peuchant, G. Hery-Arnaud, F. Hamdad, P. Lanotte, B. Gaborit, L. Bernard, P. Bémer  
*J. Clin. Med.* 2020, 9(8), 2529; doi: 10.3390/jcm9082529.
- (P2020-13)** Indoleamine 2,3-dioxygenase is involved in interferon gamma's anti-BKPyV activity in renal cells  
T. Fiore, E. Martin, V. Descamps, E. Brochot, V. Morel, L. Handala, F. Dakroub, S. Castelain, G. Duverlie, F. Helle, C. François  
*Viruses* 2020, 12(8), 865; doi: 10.3390/v12080865.
- (P2020-14)** BK Polyomavirus hijacks extracellular vesicles for *en bloc* transmission  
L. Handala, E. Blanchard, P.-I. Raynal, P. Roingeard, V. Morel, V. Descamps, S. Castelain, C. François, G. Duverlie, E. Brochot, F. Helle  
*J. Virol.* 2020, 94(6), e01834-19; doi: 10.1128/JVI.01834-19.
- (P2020-15)** Anti-spike, anti-nucleocapsid and neutralizing antibodies in SARS-CoV-2 inpatients and asymptomatic individuals  
E. Brochot, B. Demey, A. Touzé, S. Belouzard, J. Dubuisson, J.-L. Schmit, G. Duverlie, C. François, S. Castelain, F. Helle  
*Front. Microbiol.* 2020, 11, Article 584251; doi: 10.3389/fmicb.2020.584251.
- (P2020-16)** Intercellular transmission of naked viruses through extracellular vesicles: focus on polyomaviruses  
F. Helle, L. Handala, M. Bentz, G. Duverlie, E. Brochot  
*Viruses* 2020, 12(10), 1086; doi: 10.3390/v12101086.

**(P2020-17)** SLC7A11 as a biomarker and therapeutic target in HPV-positive head and neck squamous cell carcinoma

A. Hémon, C. Louandre, C. Lailier, C. Godin, M. Bottelin, V. Morel, C. François, A. Galmiche, Z. Saidak  
*Biochem. Biophys. Res. Commun.* 2020, 533(4), 1083-1087; doi: 10.1016/j.bbrc.2020.09.134.

**(P2020-18)** Comparison of different serological assays for SARS-CoV-2 in real life

E. Brochot, B. Demey, L. Handala, C. François, G. Duverlie, S. Castelain  
*J. Clin. Virol.* 2020, 130, 104569; doi: 10.1016/j.jcv.2020.104569.

**(P2020-19)** Seroconversion of immunoglobulins to SARS-CoV2 in patients with inflammatory bowel disease patients treated by biologics

M. Fumery, C. Matias, E. Brochot  
*J. Crohns Colitis.* 2020, 1792-1793; doi: 10.1093/ecco-jcc/jjaa154.

**(P2020-20)** COVID-19 encephalopathy: detection of antibodies against SARS-CoV-2 in CSF

D. Andriuta, P.-A. Roger, W. Thibault, B. Toublanc, C. Sauzay, S. Castelain, O. Godefroy, E. Brochot  
*J. Neurol.* 2020, 267(10), 2810-2811; doi: 10.1007/s00415-020-09975-1.

**(P2020-21)** Bacterial ecology and antibiotic resistance mechanisms of isolated resistant strains from diabetic foot infections in the north west of Algeria

B. Bouharkat, A. Tir Touil, C. Mullié, N. Chelli, B. Meddah  
*J. Diabetes Metab. Disord.* 2020, 19, 1261-1271; doi.org/10.1007/s40200-020-00639-5.

**(P2020-22)** Inhaled nitric oxide for critically ill Covid-19 patients: a prospective study

O. Abou-Arab, P. Huetten, F. Debouvries, H. Dupont, V. Jounieaux, Y. Mahjoub  
*Crit. Care* 2020, 24(1), 645; doi: 10.1186/s13054-020-03371-x.

**(P2020-23)** Correlation between the epworth sleepiness scale and the maintenance of wakefulness test in obstructive sleep apnea patients treated with positive airway pressure

D. Basille, M.-E. Baud, C. Andréjak, A. Basille-Fantinato  
*Respir. Med. Res.* 2020, 78, 100787; doi: 10.1016/j.resmer.2020.100787.

**(P2020-24)** On happy hypoxia and on sadly ignored “acute vascular distress syndrome” in patients with COVID-19

V. Jounieaux, D.-O. Rodenstein, Y. Mahjoub  
*Am. J. Respir. Crit. Care Med.* 2020, 202(11), 1598-1599; doi: 10.1164/rccm.202006-2521LE.

**(P2020-25)** Circulating tumour cells as a potential biomarker for lung cancer screening: a prospective cohort study

C.-H. Marquette, J. Boutros, J. Benzaquen, M. Ferreira, J. Pastre, C. Pison, B. Padovani, F. Bettayeb, V. Fallet, N. Guibert, D. Basille, M. Ilie, V. Hofman, P. Hofman; AIR project Study Group  
*Lancet Respir. Med.* 2020, 8(7), 709-716; doi: 10.1016/S2213-2600(20)30081-3.

**(P2020-26)** Severe Covid-19 disease: rather AVDS than ARDS?

Y. Mahjoub, D.-O. Rodenstein, V. Jounieaux  
*Crit. Care* 2020, 24, 327; doi: 10.1186/s13054-020-02972-w.

**(P2020-27)** Predictive factors for the participation of general practitioners in lung cancer screening by low-dose CT scan in the Somme department in northern France

O. Leleu, G. Vincent, M. Auquier, D. Basille, C. Clarot, E. Hoguet, V. Pétigny, P. Duban, S. Zerkly, O. Ganry, B. Chauffert, P. Berna, V. Jounieaux

*Respir. Med. Res.* 2020, 77, 95-99; doi: 10.1016/j.resmer.2020.01.001.

**(P2020-28)** Lung cancer screening by low-dose CT scan: baseline results of a french prospective study

O. Leleu, D. Basille, M. Auquier, C. Clarot, E. Hoguet, V. Pétigny, A.-A. Addi, B. Milleron, B. Chauffert, P. Berna, V. Jounieaux

*Clin. Lung Cancer* 2020, 21(2), 145-152; doi: 10.1016/j.clc.2019.10.014.

**(P2020-29)** Severe hyperphosphatasemia and severe acute respiratory syndrome coronavirus 2 infection in children

H.-K. Tchidjou, F. Caron, A. Ferec, K. Braun, L. Hery, S. Castelain, B. Romeo

*Blood Coagul. Fibrinolysis* 2020, 31(8), 575-577; doi: 10.1097/MBC.0000000000000954.

**(P2020-30)** Invasive tracheobronchial aspergillosis in critically ill patients with severe *Influenza*. A Clinical Trial

R. Nyga, J. Maizel, S. Nseir, T. Chouaki, I. Milic, P.-A. Roger, N. Van Grunderbeeck, M. Lemyze, A. Totet, S. Castelain, M. Slama, H. Dupont, B. Sendid, E. Zogheib

*Am. J. Respir. Crit. Care Med.* 2020, 202(5), 708-716; doi: 10.1164/rccm.201910-1931OC.

**(P2020-31)** Trajectories of hospitalization in COVID-19 patients: an observational study in France

P.-Y. Boëlle, T. Delory, X. Maynadier, C. Janssen, R. Piarroux, M. Pichenot, X. Lemaire, N. Baclet, P. Weyrich, H. Melliez, A. Meybeck, J.-P. Lanoix, O. Robineau

*J. Clin. Med.* 2020, 9(10), 3148; doi: 10.3390/jcm9103148.

**(P2020-32)** Mutations in *fbid* (Rv2983) as a novel determinant of resistance to pretomanid and delamanid in *Mycobacterium tuberculosis*

D. Rifat, S.-Y. Li, T. Loerger, K. Shah, J.-P. Lanoix, J. Lee, G. Bashiri, J. Sacchettini, E. Nuermberger

*Antimicrob. Agents Chemother.* 2020, 65(1), e01948-20; doi: 10.1128/AAC.01948-20.

**(P2020-33)** Advances in “Trojan horse” strategies in antibiotic delivery systems

A. Dassonville-Klimpt, P. Sonnet

*Future Med. Chem.* 2020, 12(11), 983-986; doi: 10.4155/fmc-2020-0065.

**(P2020-34)** Antifungal activity of *Myrtus communis* and *Zygophyllum album* extracts against human pathogenic fungi

A. Belmimoun, B. Meddah, A. T. T. Meddah, J. Gabaldon, P. Sonnet

*Eur. J. Biol. Res.* 2020, 10(2), 45-56.

**(P2020-35)** Phytochemical screening and antioxidant activity of algerian *Aristolochia longa* flavonoids

S. Attou. Soumia, B. Meddah., A. T. Touil, M. Mokhtar, P. Sonnet

*J. Appl. Biotech. Rep.* 2020, 7(3), 166-171.

**(P2020-36)** GFOGER peptide modifies the protein content of extracellular vesicles and inhibits vascular calcification

A. Mansour, W. Darwiche, L. Yaker, S. Da Nascimento, C. Gomila, C. Rossi, V. Jung, P. Sonnet, S. Kamel, I. Chiara Guerrera, A. Boullier, J. Ausseil

*Front. Cell. Dev. Biol.* 2020, 8, Article 589761; doi: 10.3389/fcell.2020.589761.

**(P2020-37)** Pneumocystis infection outbreaks in organ transplantation units in France: a nation-wide survey

S. Le Gal, D. Toubas, A. Totet, F. Dalle, A. Abou Bacar, Y. Le Meur, G. Nevez

*Clin. Infect. Dis.* 2020, 70, 2216-2220; doi: 10.1093/cid/ciz901.

**(P2020-38)** Active tuberculosis, sequelae and COVID-19 co-infection: first cohort of 49 cases

M. Adolini, L.-R. Codecasa, J.-M. García-García, F.-X. Blanc, S. Borisov, J.-W. Alffenaar, C. Andréjak, P. Bachez, P.-A. Bart, E. Belilovski, J. Cardoso-Landivar, R. Centis, L. D'Ambrosio, M. Luiza De Souza-Galvão, A. Dominguez-Castellano, S. Dourmane, M. Fréchet Jachym, A. Froissart, V. Giacomet, D. Goletti, S. Grard, G. Gualano, A. Izadifar, D. Le Du, M. Marín Royo, J. Mazza-Stalder, I. Motta, C.-W.-M. Ong, F. Palmieri, F. Rivière, T. Rodrigo, D.-R. Silva, A. Sánchez-Montalvá, M. Saporiti, P. Scarpellini, F. Schlemmer, A. Spanevello, E. Sumarokova, E. Taberner, P.-A. Tambyah, S. Tiberi, A. Torre, D. Visca, M. Zabaleta Murguiondo, G. Sotgiu, G.-B. Migliori

*Eur. Respir. J.* 2020, 56(1), 2001398; doi: 10.1183/13993003.01398-2020.

**(P2020-39)** Treatment of nontuberculous mycobacterial pulmonary disease: an official ATS/ERS/ESCMID/IDSA clinical practice guideline

C.-L. Daley, J.-M. Iaccarino, C. Lange, E. Cambau, R.-J. Wallace, C. Andréjak, E.-C. Böttger, J. Brozek, D.-E. Griffith, L. Guglielmetti, G.-A. Huitt, S.-L. Knight, P. Leitman, T.-K. Marras, K.-N. Olivier, M. Santin, J.-E. Stout, E. Tortoli, J. van Ingen, D. Wagner, K.-L. Winthrop

*Clin. Infect. Dis.* 2020, 71(4), 905-913; doi: 10.1093/cid/ciaa1125.

**(P2020-40)** Clinical recurrences of COVID-19 symptoms after recovery: viral relapse, reinfection or inflammatory rebound?

M. Gousseff, P. Penot, L. Gallay, D. Batisse, N. Benech, K. Bouiller, R. Collarino, A. Conrad, D. Slama, C. Joseph, A. Lemaigen, F.-X. Lescure, B. Levy, M. Mahevas, B. Pozzetto, N. Vignier, B. Wyplosz, D. Salmon, F. Goehringer, E. Botelho-Nevers; in behalf of the COCOREC study group

*J. Infect.* 2020, 81(5), 816-846; doi: 10.1016/j.jinf.2020.06.073.

**(P2020-41)** Ibrutinib related cerebral aspergillosis successfully treated with isavuconazole: a case report

R. Nyga, C. Delette, C. Mabile, Y. Bennis, T. Chouaki, M. Boone, J. Maizel, J.-P. Marolleau, C. Joseph  
*Leukemia & Lymphoma* 2020, 61(7), 1760-1762; doi: 10.1080/10428194.2020.1728749.

**(P2020-42)** Genomics and precision surgery for head and neck squamous cell carcinoma

A. Galmiche, Z. Saidak, J. Bouaoud, H. Mirghani, C. Page, S. Dakpé, F. Clatot

*Cancer Lett.* 2020, 481, 45-54; doi: 10.1016/j.canlet.2020.04.004.



**(P2020-43)** Effect of nasal airway nonlinearities on oscillometric resistance measurements in infants  
B.-L. Radics, G. Makan, T. Coppens, N. André, C. Page, L. Dégrugilliers, S.-K. Bayat, Z. Gingl, Z. Gyurkovits, T. M. Tóth, Z. Hantos, S. Bayat

*J. Appl. Physiol.* 2020, 129(3), 591-598; doi: 10.1152/jappphysiol.00128.2020.

**(P2020-44)** Effect of liver disease on post-therapeutic complications of head and neck squamous cell carcinoma. A prospective study of 94 patients

M. Baert, C. Pascual, V. Hautefeuille, E. Nguyen-Khac, C. Page

*Clin. Otolaryngol.* 2020, 45(2), 292-296; doi: 10.1111/coa.13500.

**(P2020-45)** Evaluation of the Unyvero i60 ITI® multiplex PCR for infected chronic leg ulcers diagnosis  
S. Reissier, I. Lazareth, L. Adjiman, C. Couzigou, B. Vidal, A. Mizrahi, J.-C. Nguyen Van, B. Pilmis, A. Le Monnier, J. Lourtet-Hascoët

*J. Microbiol. Methods* 2020, 168, 105796; doi: 10.1016/j.mimet.2019.105796.

**(P2020-46)** Protocol for the DisCoVeRy trial: multicentre, adaptive, randomised trial of the safety and efficacy of treatments for COVID-19 in hospitalised adults

F. Ader; Discovery French Trial Management Team, collaborator C. Andréjak

*BMJ Open* 2020, 10, e041437; doi: 10.1136/bmjopen-2020-041437.

**(P2020-47)** Global tuberculosis network, member C. Andréjak - On tuberculosis and COVID-19 co-infection

M. Tadolini, J.-M. García-García, F.-X. Blanc, S. Borisov, D. Goletti, I. Motta, L. Ruffo Codecasa, S. Tiberi, G. Sotgiu, G. Battista Migliori; in behalf of the GTN TB/COVID group

*Eur. Respir. J.* 2020, 56, 2002328; doi: 10.1183/13993003.02328-2020.

**(P2020-48)** Global Tuberculosis Network, member C. Andréjak - Tuberculosis, COVID-19 and migrants: preliminary analysis of deaths occurring in 69 patients from two cohorts

I. Motta, R. Centis, L. D'Ambrosio, J.-M. García-García, D. Goletti, G. Gualano, F. Lipani, F. Palmieri, A. Sánchez-Montalvá, E. Pontali, G. Sotgiu, A. Spanevello, C. Stochino, E. Taberner, M. Tadolini, M. van den Boom, S. Villa, D. Visca, G.B. Migliori

*Pulmonology* 2020, 26(4), 233-240; doi: 10.1016/j.pulmoe.2020.05.002.

**(P2020-49)** International Task Force for the Management of COVID-19, member C. Andréjak - Updated guidance on the management of COVID-19: from an American Thoracic Society/European Respiratory Society coordinated International Task Force (29 July 2020)

C. Bai, S. H. Chotirmall, J. Rello, G. A. Alba, L. C. Ginns, J. A. Krishnan, R. Rogers, E. Bendstrup, P. R. Burgel, J.-D. Chalmers, A. Chua, K. A. Crothers, A. Duggal, Y. Wook Kim, J. G. Laffey, C. M. Luna, M. S. Niederman, G. Raghu, J. A. Ramirez, J. Riera, O. Roca, M. Tamae-Kakazu, A. Torres, R. R. Watkins, M. Barrecheguren, M. Belliato, H. A. Chami, R. Chen, G. A. Cortes-Puentes, C. Delacruz, M. M. Hayes, L. M. A. Heunks, S. R. Holets, C. L. Hough, S. Jagpal, K. Jeon, T. Johkoh, M. M. Lee, J. Liebler, G. N. McElvaney, A. Moskowitz, R. A. Oeckler, I. Ojanguren, A. O'Regan, M. W. Pletz, C. Kook Rhee, M. J. Schultz, E. Storti, C. Strange, C. C. Thomson, F. J. Torriani, X. Wang, W. Wuyts, T. Xu, D. Yang, Z. Zhang, K. C. Wilson

*Eur. Respir. Rev.* 2020, 29, 200287; doi: 10.1183/16000617.0287-2020.