

## Publications internationales AGIR 2024

**(P2024-01)** Soudet S., **Basille D.**, Carette H., Mercier M., **Andrejak C.**, Sevestre M-A. Cardiovascular and Venous Thromboembolic Events After Hospital Discharge for COVID-19: A Prospective Single Center Study. *Angiology* **2024**, 75(9), 893-898; doi: 10.1177/00033197231196175.

**(P2024-02)** Maaziz N., Georges M., **Basille D.**, Gallet M., Gardie B., Diouf M., Garçon L., Girodon F. Carbon monoxide rebreathing method is a reliable test to evaluate the red cell mass in polycythaemia. *Haematol.* **2024**, 204, 706-709; doi: 10.1111/bjh.19169.

**(P2024-03)** Hanot M., Duplantier M., Dalle C., Ren Y., **Da Nascimento S.**, **Becker J.-P.**, Taudon N., **Lohou E.**, **Sonnet P.** Indazole–Quinolone Hybrids as Anti-Virulence Agents against *Pseudomonas aeruginosa*. *Drugs Drug Candidates* **2024**, 3, 512-536; doi: 10.3390/ddc3030030.

**(P2024-04)** Mustière, R.; **Dassonville-Klimpt, A.**; **Sonnet, P.** Aminopyridines in the Development of Drug Candidates against Protozoan Neglected Tropical Diseases. *Future Med Chem* **2024**, 16, 1357–1373, doi:10.1080/17568919.2024.2359361.

**(P2024-05)** Dauvergne, E.; Lacquemant, C.; **Mullié, C.** Antibacterial Activity of Brass against Antibiotic Resistant Bacteria Following Repeated Exposure to Hydrogen Peroxide/Peracetic Acid and Quaternary Ammonium Compounds. *Microorganisms* **2024**, 12(7), 1393, doi:10.3390/microorganisms12071393.

**(P2024-06)** Abdelsadok, I.; Ouldyeou, K.; Meddah, B.; **Sonnet, P.** Histological Study and Chemical Composition of *Apium graveolens*: *In Vivo* Antimicrobial Activity. *Scientific Journal of King Faisal University: Basic and Applied Science* **2024**, 25 (2), 36-41 ; doi : 10.37575/b/sci/240033.

**(P2024-07)** **Basille, D.**; Soriot, L.; Weppe, F.; Desmettres, P.; Henriques, P.; Benoit, N.; Devaux, S.; Diouf, M.; **Jounieaux, V.**; **Andrejak, C.** Association between Acute Exacerbation of Chronic Obstructive Pulmonary Disease and Short-Term Exposure to Ambient Air Pollutants in France. *Environ Health* **2024**, 23, 107, doi:10.1186/s12940-024-01146-3.

**(P2024-08)** Mesinovic, M.; Wong, X.C.; Rajahram, G.S.; Citarella, B.W.; Peariasamy, K.M.; van Someren Greve, F.; Olliaro, P.; Merson, L.; Clifton, L.; Kartsonaki, C.; et al. At-Admission Prediction of Mortality and Pulmonary Embolism in an International Cohort of Hospitalised Patients with COVID-19 Using Statistical and Machine Learning Methods. Membre : **Andrejak, C.** *Sci Rep* **2024**, 14, 16387, doi:10.1038/s41598-024-63212-7.

**(P2024-09)** Storme, N.; Auquier, M.; Petigny, V.; Couraud, S.; **Jounieaux, V.**; Leleu, O. Characteristics of Lung Nodules Detected by Low-Dose CT Scan: Results from the French Lung Cancer Screening Study DEP KP80. *European Respiratory Journal* **2024**, 64, OA4678, doi:10.1183/13993003.congress-2024.OA4678.

**(P2024-10)** Albenque-Rubio, S.; Guillon, J.; **Agnamey, P.**; **Damiani, C.**; Savrimoutou, S.; **Mustière, R.**; Pinaud, N.; Moreau, S.; Mergny, J.-L.; Ronga, L.; et al. Design, Synthesis, and In Vitro Antimalarial

Evaluation of New 1,3,5-Tris[(4-(Substituted- Aminomethyl)Phenoxy)Methyl]Benzenes. *Drugs and Drug Candidates* **2024**, *3*, 615–637, doi:10.3390/ddc3030035.

**(P2024-11)** Froment, A.; Delomez, J.; **Da Nascimento, S.**; **Dassonville-Klimpt, A.**; **Andréjak, C.**; **Peltier, F.**; **Joseph, C.**; **Sonnet, P.**; **Lanoix, J.-P.** Efficacy of Mefloquine and Its Enantiomers in a Murine Model of *Mycobacterium Avium* Infection. *PLoS One* **2024**, *19*, e0311167, doi:10.1371/journal.pone.0311167.

**(P2024-12)** Roseau-Vincenti, A.; Forestier, E.; **Lanoix, J.-P.**; Ricard, C.; Carret, M.-C.; Caraux-Paz, P.; Paccalin, M.; Gavazzi, G.; Roubaud-Baudron, C.; GInGer group (SPILF-SFGG) Empirical Antibiotic Therapy Modalities for *Enterobacteriaceae* Bloodstream Infections in Older Patients and Their Impact on Mortality: A Multicentre Retrospective Study. *Infection* **2024**, *52*, 155–163, doi:10.1007/s15010-023-02073-0.

**(P2024-13)** **Brochot, E.**; Demey, B.; Aubry, A.; **Descamps, V.**; **Morel, V.**; Presne, C.; Brazier, F.; **Helle, F.** Epidemiology and Dynamics of BK Polyomavirus Replication after Kidney Transplantation. *Pathogens* **2024**, *13*, 315, doi:10.3390/pathogens13040315.

**(P2024-14)** **Damiani, C.**; Soler, F.; **Govic, Y.L.**; **Totet, A.**; Bentzinger, G.; Bouchut, A.; Mustière, R.; **Agnamey, P.**; **Dassonville-Klimpt, A.**; **Sonnet, P.** Evaluation of In Vitro Inhibition of  $\beta$ -Hematin Formation: A Step Towards a Comprehensive Understanding of the Mechanism of Action of New Arylamino Alcohols. *Microorganisms* **2024**, *12*, 2524, doi:10.3390/microorganisms12122524.

**(P2024-15)** Delomez, J.; Froment, A.; Grandjean, T.; **Peltier, F.**; **Perret, M.**; **Lanoix, J.-P.**; Gosset, P. Evaluation of Scnn1b-Tg Mice as Murine Model of Pulmonary Infection with *Mycobacterium Avium* Complex. *European Respiratory Journal* **2024**, *64*, PA3255, doi:10.1183/13993003.congress-2024.PA3255.

**(P2024-16)** Barateau, L.; Baillieul, S.; **Andrejak, C.**; Bequignon, É.; Boutouyrie, P.; Dauvilliers, Y.; Gagnadoux, F.; Geoffroy, P.-A.; Micoulaud-Franchi, J.-A.; Montani, D.; et al. Guidelines for the Assessment and Management of Residual Sleepiness in Obstructive Apnea-Hypopnea Syndrome: Endorsed by the French Sleep Research and Medicine Society (SFRMS) and the French Speaking Society of Respiratory Diseases (SPLF). *Respir Med Res* **2024**, *86*, 101105, doi:10.1016/j.resmer.2024.101105.

**(P2024-17)** Horikian, A.; Jeanvoine, A.; Amarache, A.; Tourtet, M.; Ory, J.; Boulestreau, H.; Van der Mee Marquet, N.; **Lemaitre, N.**; Eveillard, M.; Lepelletier, D.; et al. High-Risk Clones of *Pseudomonas Aeruginosa* Contaminate the Drinking Water Networks of French Cities. *npj Clean Water* **2024**, *7*, 1–8, doi:10.1038/s41545-024-00323-8.

**(P2024-18)** Priam, A.; Bozec, A.L.; Meireles, V.D.; Saint, F.; Cabry, R.; Benkhalifa, M.; Demey, B.; Bosquet, D. Human Papillomavirus Carriage in the Semen of Men Consulting for Infertility: Prevalence and Correlations with Sperm Characteristics. *Asian Journal of Andrology* **2024**, doi:10.4103/aja202458.

- (P2024-19)** Jounieaux, V.; Rodenstein, D.; Mahjoub, Y. Letter to the Editor: Pulmonary Circulation Abnormalities in Post-Acute COVID-19 Syndrome and Acute Vascular Distress Syndrome. *European Radiology* **2024**, *34*, 4189, doi:10.1007/s00330-023-10349-0.
- (P2024-20)** Soudet, S.; Basille, D.; Carette, H.; Mercier, M.; Andrejak, C.; Sevestre, M.-A. Letter: Anticoagulants in Venous Thrombosis, a Pivotal Risk Factor: Authors' Reply. *Angiology* **2024**, *75*, 900, doi:10.1177/00033197241233424.
- (P2024-21)** Chancel, M.; Dadban, A.; Chan Sui Ko, A.; Dupont, F.; Potereau, A.; Wankap, R.; Zerbib, Y.; Lanoix, J.-P. Life Threatening Rickettsiosis and the Role of Hemophagocytic Lymphohistiocytosis Syndrome (HLH): Case Report of a 21-Year-Old Woman. *Infect Med (Beijing)* **2024**, *3*, 100085, doi:10.1016/j.imj.2023.11.008.
- (P2024-22)** Battaglini, D.; White, N.M.; Premraj, L.; Wanjiru Citarella, B.; Merson, L.; Robba, C.; Thomson, D.; Cho, S.-M.; ISARIC Clinical Characterization Group (membre : Andrejak, C.) Long-Term Neurological Symptoms after Acute COVID-19 Illness Requiring Hospitalization in Adult Patients: Insights from the ISARIC-COVID-19 Follow-up Study. *J Neurol* **2024**, *271*, 79–86, doi:10.1007/s00415-023-12133-y.
- (P2024-23)** Leleu, O.; Storme, N.; Basille, D.; Auquier, M.; Petigny, V.; Berna, P.; Letierce, A.; Couraud, S.; Bermont, J. de; Milleron, B.; et al. Lung Cancer Screening by Low-Dose CT Scan in France: Final Results of the DEP KP80 Study after Three Rounds. *EBioMedicine* **2024**, *109*, 105396, doi:10.1016/j.ebiom.2024.105396.
- (P2024-24)** Wankap, R.; Azzoug, L.; Rossi, F.; Ko, A.C.S.; Lanoix, J.-P. Measuring the Prevalence of Aspiration Pneumonia in View of Improving the Relevance of Antibiotic Prescription of Antibiotics: A Retrospective, Observational Study. *Infectious Diseases Now* **2024**, *54*, 104885, doi:10.1016/j.idnow.2024.104885.
- (P2024-25)** Demey, B.; Aubry, A.; Descamps, V.; Morel, V.; Le, M.H.H.; Presne, C.; Brazier, F.; Helle, F.; Brochot, E. Molecular Epidemiology and Risk Factors Associated with BK and JC Polyomavirus Urinary Shedding after Kidney Allograft. *Journal of Medical Virology* **2024**, *96*, e29742, doi:10.1002/jmv.29742.
- (P2024-26)** Leymarie, A.; Thibon, P.; Bernigaud, C.; Daurel, C.; Ouedraogo, E.; Lheure, C.; Lemaitre, N.; Cribier, B.; Calugareanu, A.; Ducroux, E.; et al. *Mycobacterium Chelonae* Cutaneous Infections Unrelated to Invasive Procedures: A Multicentre Retrospective Case Series. *J Eur Acad Dermatol Venereol* **2024**, doi:10.1111/jdv.20521.
- (P2024-27)** Helle, F.; Aubry, A.; Morel, V.; Descamps, V.; Demey, B.; Brochot, E. Neutralizing Antibodies Targeting BK Polyomavirus. *Journal of the American Society of Nephrology* **2024**, doi:10.1681/ASN.0000000000000457.
- (P2024-28)** Merson, L.; Duque, S.; Garcia-Gallo, E.; Yeabah, T.O.; Rylance, J.; Diaz, J.; Flahault, A.; ISARIC Clinical Characterisation Group (membre : Andrejak, C.) Optimising Clinical Epidemiology in Disease Outbreaks: Analysis of ISARIC-WHO COVID-19 Case Report Form Utilisation. *Epidemiologia* **2024**, *5*, 557–580, doi:10.3390/epidemiologia5030039.

- (P2024-29)** Dzamitika, S.; Boulaire, F.L.; Coignard, C.; Vincent, C.; Plantier, J.-C.; Lemee, V.; Gréaume, S.; Voisin, I.; **Brochot, E.**; Herpe, Y.-E.; et al. Performance Evaluation of the Access Anti-HBc Total Assay on the Dxl 9000 Access Immunoassay Analyzer. *Diagnostic Microbiology and Infectious Disease* **2024**, *110*, 116303, doi:10.1016/j.diagmicrobio.2024.116303.
- (P2024-30)** Rucar, A.; **Totet, A.**; **Govic, Y.L.**; Demey, B.; **Damiani, C.** Pulmonary Co-Infections by Pneumocystis Jirovecii and Herpesviridae: A Seven-Year Retrospective Study. *Annals of Clinical Microbiology and Antimicrobials* **2024**, *23*, 8, doi:10.1186/s12941-023-00663-2.
- (P2024-31)** **Marçon, F.**; Lagarce, F.; Roland, I.; Brossard, D.; Merienne, C.; Chennell, P.; d’Huart, E.; Briot, T.; Carrez, L.; Podilsky, G.; et al. Recommendations on Training Objectives and Staff Qualification for the Manual Preparation of Capsules in Pharmacy. *Pharmaceutical Technology in Hospital Pharmacy* **2024**, *9*, doi:10.1515/pthp-2023-0013.
- (P2024-32)** Carton, C.; Safran, J.; Lemaire, A.; Domon, J.-M.; Poelmans, W.; Beeckman, T.; Ramos-Martín, F.; **Antonietti, V.**; **Sonnet, P.**; Sahraoui, A.L.-H.; et al. Structural and Biochemical Characterization of SmoPG1, an Exo-Polygalacturonase from *Selaginella Moellendorffii*. *International Journal of Biological Macromolecules* **2024**, 131918, doi:10.1016/j.ijbiomac.2024.131918.
- (P2024-33)** Delpierre, E.; **Lanoix, J.-P.** Successful Prophylaxis of ESBL Enterobacteriaceae Repetitive Urinary Tract Infections with Subcutaneous Temocillin: A Case Report. *JAC Antimicrob Resist* **2024**, *6*, dlad154, doi:10.1093/jacamr/dlad154.
- (P2024-34)** Tisnerat, C.; Schneider, J.; Mustière, R.; Herrero, A.; Momha, R.; **Damiani, C.**; **Agnamey, P.**; **Totet, A.**; Marchivie, M.; Guillon, J.; et al. Synthesis of New Enantiopure Aminoalcohol Fluorenes as Promising Antimalarial Compounds. *ChemMedChem* **2024**, doi:10.1002/cmdc.202400790.
- (P2024-35)** Bentz, M.; **Collet, L.**; **Morel, V.**; **Descamps, V.**; Blanchard, E.; **Lambert, C.**; Demey, B.; **Brochot, E.**; **Helle, F.** The Conserved YPX3L Motif in the BK Polyomavirus VP1 Protein Is Important for Viral Particle Assembly but Not for Its Secretion into Extracellular Vesicles. *Viruses* **2024**, *16*, 1124, doi:10.3390/v16071124.
- (P2024-36)** Aubry, A.; Demey, B.; **Castelain, S.**; **Helle, F.**; **Brochot, E.** The Value and Complexity of Studying Cellular Immunity against BK Polyomavirus in Kidney Transplant Recipients. *Journal of Clinical Virology* **2024**, 105656, doi:10.1016/j.jcv.2024.105656.
- (P2024-37)** Deffay, M.; **Page, C.** Tumores de la glándula parótida. *EMC - Otorrinolaringología* **2024**, *53*, 1, doi:10.1016/S1632-3475(24)49028-0.
- (P2024-38)** Aubry, A.; Corvilain, E.; Ghelfenstein-Ferreira, T.; Camelena, F.; Meignin, V.; Berçot, B.; Goff, J.L.; Salmona, M. Unmasking *Bartonella Henselae* Infection in the Shadows of Long COVID Thanks to Clinical Metagenomics. *European Journal of Clinical Microbiology and Infectious Diseases* **2024**, doi:10.1007/s10096-024-04801-2.
- (P2024-39)** Kostka, E.; **Govic, Y.L.**; **Damiani, C.**; **Totet, A.** Variable Reliability of the (1,3)- $\beta$ -D-Glucan Test for Screening Pneumocystis Pneumonia in HIV-Negative Patients Depending on the Underlying Condition. *Medical Mycology* **2024**, *62*, myae106, doi:10.1093/mmy/myae106.

**(P2024-40)** Visseaux, B.; Gautier, J.; Le Boulaire, F.; Coignard, C.; Vincent, C.; Gréaume, S.; Voisin, I.; Lemée, V.; Plantier, J.-C.; Herpe, Y.-E.; et al. (membre : **Brochot, E.**) Performance Evaluation of the Access HBsAg and Access HBsAg Confirmatory Assays on the Dxl 9000 Access Immunoassay Analyzer. *Pract. Lab. Med.* **2024**, *39*, e00390, doi:10.1016/j.plabm.2024.e00390.

**(P2024-41)** Soulie, C.; Balde, A.; Fofana, D.; Charpentier, C.; Bonnafous, P.; Sourice, J.; De Monte, A.; Avettand-Fenoel, V.; Le Guillou-Guillemette, H.; Bocket, L. et al. (membre : **Brochot, E.**) DORAVIR: a French national survey of people with HIV-1 treated with an antiretroviral regimen including doravirine. *Journal of Antimicrobial Chemotherapy* **2024**, *79*, 1974–1984, doi.org/10.1093/jac/dkae194.