



Pathology and Microbiology

Research Division

December 2018 /January 2019 Publications

[Urease is an essential component of the acid response network of *Staphylococcus aureus* and is required for a persistent murine kidney infection.](#) Zhou C, Bhinderwala F, Lehman MK, Thomas VC, Chaudhari SS, Yamada KJ, Foster KW, Powers R, Kielian T, Fey PD. PLoS Pathog. 2019 Jan 4;15(1):e1007538.

[Chemical carcinogenicity revisited 1: A unified theory of carcinogenicity based on contemporary knowledge.](#) Wolf DC, Cohen SM, Boobis AR, Dellarco VL, Fenner-Crisp PA, Moretto A, Pastoor TP, Schoeny RS, Seed JG, Doe JE. Regul Toxicol Pharmacol. 2019 Jan 8.

[Chemical carcinogenicity revisited 3: Risk assessment of carcinogenic potential based on the current state of knowledge of carcinogenesis in humans.](#) Cohen SM, Boobis AR, Dellarco VL, Doe JE, Fenner-Crisp PA, Moretto A, Pastoor TP, Schoeny RS, Seed JG, Wolf DC. Regul Toxicol Pharmacol. 2019 Jan 8.

[Transcriptional regulation of *icaADBC* by both *IcaR* and *TcaR* in *Staphylococcus epidermidis*.](#) Hoang TM, Zhou C, Lindgren JK, Galac MR, Corey B, Endres JE, Olson ME, Fey PD. J Bacteriol. 2019 Jan 2.

[ERK-mediated TIMELESS expression suppresses G2/M arrest in colon cancer cells.](#) Neilsen BK, Frodyma DE, McCall JL, Fisher KW, Lewis RE. PLoS One. 2019 Jan 10;14(1):e0209224.

[CCND2 and CCND3 hijack immunoglobulin light chain enhancers in cyclin D1-negative mantle cell lymphoma.](#) Martín-García D, Navarro A, Valdés-Mas R, Clot G, Gutiérrez-Abril J, Prieto M, Ribera-Cortada I, Woroniecka R, Rymkiewicz G, Bens S, de Leval L, Rosenwald A, Ferry JA, Hsi ED, Fu K, et al. Blood. 2018 Dec 11.

[Genome-wide discovery of somatic coding and non-coding mutations in pediatric endemic and sporadic Burkitt lymphoma.](#) Grande BM, Gerhard DS, Jiang A, Griner NB, Abramson JS, Alexander TB, Allen H, Ayers LW, Bethony JM, Bhatia K, Bowen J, Casper C, Choi JK, Culibrk L, Davidsen TM, Dyer MA, Gastier-Foster JM, Gesuwan P, Greiner TC, et al. Blood. 2019 Jan 7.

[Purification of human butyrylcholinesterase from frozen Cohn fraction IV-4 by ion exchange and Hupresin affinity chromatography.](#) Schopfer LM, Lockridge O, David E, Hinrichs SH. PLoS One. 2019 Jan 9;14(1):e0209795.

[Molecular and Genomic Landscape of Peripheral T-Cell Lymphoma.](#) Iqbal J, Amador C, McKeithan TW, Chan WC. Cancer Treat Res. 2019;176:31-68.



[Evaluation of the bacterial burden of gel nails, standard nail polish, and natural nails on the hands of health care workers.](#) Hewlett AL, Hohenberger H, Murphy CN, Helget L, Hausmann H, Lyden E, Fey PD, Hicks R.

[Bacterial Endosymbionts Are Common Among, but not Necessarily Within, Insect Species.](#) Sazama EJ, Ouellette SP, Wesner JS. Environ Entomol. 2019 Jan 10.

[Initial Characterization of the Two ClpP Paralogs of *Chlamydia trachomatis* Suggests Unique Functionality for Each.](#) Wood NA, Chung KY, Blocker AM, Rodrigues de Almeida N, Conda-Sheridan M, Fisher DJ, Ouellette SP. J Bacteriol. 2018 Dec 20;201(2).

[Human papillomavirus and the landscape of secondary genetic alterations in oral cancers.](#) Gillison ML, Akagi K, Xiao W, Jiang B, Pickard RKL, Li J, Swanson BJ, Agrawal AD, Zucker M, Stache-Crain B, Emde AK, Geiger HM, Robine N, Coombes KR, Symer DE. Genome Res. 2019 Jan;29(1):1-17.

[Effect of Nanoformulated Copper/Zinc Superoxide Dismutase on Chronic Ethanol-Induced Alterations in Liver and Adipose Tissue.](#) Natarajan G, Perriotte-Olson C, Casey CA, Donohue TM Jr, Talmon GA, Harris EN, Kabanov AV, Saraswathi V. Alcohol. 2019 Jan 3.

[Involvement of peroxisome proliferator-activated receptor-alpha in liver tumor production by permethrin in the female mouse.](#) Kondo M, Miyata K, Nagahori H, Sumida K, Osimitz TG, Cohen SM, Lake BG, Yamada T. Toxicol Sci. 2019 Jan 10.