

LISTES PUBLICATIONS 2024

Leveque M, Mirval, Fixe I, Becq F, and Vandebrouck C (2024). The F508del-CFTR trafficking correctors elxacaftor and tezacaftor are CFTR-independent Ca²⁺-mobilizing agonists normalizing abnormal Ca²⁺ levels in human airway epithelial cells. *Respiratory research* 2024 25:436 doi:10.1186/s12931-024-03059-8

Bernard M, Berges T, Sebille s and Régnacq M (2024) Calcineurin activation improves cell survival during amino acid starvation in lipid droplet-deficient yeasts. *BBRC* 735 (2024) 150670 doi: 10.1016/j.bbrc.2024.150670

Delafenêtre A, Chapotte-Baldacci CA, Dorémus L, Massouridès E, Bernard M, Régnacq M, Piquereau J, Chatelier A, Cognard C, Pinset C, Sebille S. Duchenne muscular dystrophy skeletal muscle cells derived from human induced pluripotent stem cells recapitulate various calcium dysregulation pathways. *Cell Calcium*. 2024 Aug 13;123:102943. doi: 10.1016/j.ceca.2024.102943.

Lakli M, Onnée M, **Carrez T, Becq F**, Thomas Falguières, Fanen P. ABC transporters involved in respiratory and cholestatic diseases: From rare to very rare monogenic diseases. *Biochem Pharmacol*. 2024 Aug 5;116468. doi: 10.1016/j.bcp.2024.116468.

Krzesiak A, Enea C, **Faivre JF, Bescond J, Vandebrouck C, Cognard C, Sebille S**, Bosquet L and Delpech N. (2024). Combined cardiovascular effects of ovariectomy and high-intensity interval training in female spontaneously hypertensive rats. *J Appl Physiol* (1985). 2024 May 1;136(5):1195-1208. doi: [10.1152/japplphysiol.00518.2023](https://doi.org/10.1152/japplphysiol.00518.2023).

Bertaud A, Cens T, Chavanieu A, Estaran S, Rousset M, Soussi L, Ménard C, Kadala A, Collet C, Dutertre S, **Bois P**, Gosselin-Badaroudine P, Thibaud JB, Roussel J, Vignes M, Chahine M, Charnet P. (2024) Honeybee CaV4 has distinct permeation, inactivation, and pharmacology from homologous NaV channels. *J Gen Physiol*. 2024 May 6;156(5):e202313509. doi: 10.1085/jgp.202313509.

Pascarel K, Colas J, Carrez T, Barrault C, Mirval S, Coraux C, Sage E, Becq F, Vandebrouck C. (2024). Effect of hypoxia on Cystic Fibrosis Transmembrane conductance Regulator channel corrected by Elxacaftor/Tezacaftor/Ivacaftor. *Medical Research Archives*. Vol 12 No 2 (2024): February issue, Vol.12, Issue 2 Doi: 10.18103/mra.v12i2.4909