EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Curriculum Vitae

Personal information

Barbara Colsoul

Work experience

- **Teaching staff, study counsellor and chair of the Education Committee** Biochemical Engineering Technology (2012-present) - KU Leuven, Faculty of Engineering Technology
- **PhD student** (2006-2010) and **scientific associate** (2010-2012) - KU Leuven, Faculty of Medicine, Department Cellular and Molecular Medicine

Education and training

PhD in Biomedical Sciences (Option: 'Cell signalling and therapeutics') – KU Leuven (2006-2010)

Master in Biomedical Sciences – KU Leuven (2002-2006)

Additional information

Publications

- **Colsoul, B.**, Jacobs, G., Philippaert, K., Owsianik, G., Segal Stanciu, A., Nilius, B., Voets, T., Schuit, F., Vennekens, R. (2014). *Insulin downregulates the expression of the Ca($^{2+}$)-activated nonselective cation channel TRPM5 in pancreatic islets from leptin-deficient mouse models.* Pflügers Archiv: European Journal of Physiology, 466 (3), 611-621.
- **Colsoul, B**., Nilius, B., Vennekens, R. (2013). *Transient Receptor Potential (TRP) cation channels in diabetes.* Current topics in medicinal chemistry, 13 (3), 258-69.
- **Colsoul, B**., Kecskes, M., Philippaert, K., Menigoz, A., Vennekens, R. (2012). *The Ca^{2+}-Activated Monovalent Cation-Selective Channels TRPM4 and TRPM5.* In: A. Szallasi, B. Tamas (Eds.), TRP Channels in Drug Discovery Volume I, Chapt. 6, (103-125). (Methods in Pharmacology and Toxicology, 1). New York Heidelberg Dordrecht London: Springer New York Heidelberg Dordrecht London. ISBN: 978-1-62703-076-2.
- **Colsoul, B**., Vennekens, R., Nilius, B. (2011). *Transient Receptor Potential Cation Channels in Pancreatic β Cells.* Reviews of Physiology, Biochemistry and Pharmacology, 161, 86-109.
- Gees, M., **Colsoul, B**., Nilius, B. (2010). *The role of transient receptor potential cation channels in Ca^{2+} signaling.* Cold

Spring Harbor perspectives in biology, 2 (10).
- **Colsoul, B**., Schraenen, A., Lemaire, K., Quintens, R., Van Lommel, L., Segal, A., Owsianik, G., Talavera Pérez, K., Voets, T., Margolskee, R.F., Kokrashvili, Z., Gilon, P., Nilius, B., Schuit, F., Vennekens, R. (2010). *Loss of high-frequency glucose-induced Ca^{2+} oscillations in pancreatic islets correlates with impaired glucose tolerance in $Trpm5^{(-/-)}$ mice.* Proceedings of the national academy of sciences of the united states of america, 107 (11), 5208-5213.
- **Colsoul, B**., Nilius, B., Vennekens, R. (2009). *On the putative role of transient receptor potential cation channels in asthma.* Clinical and Experimental Allergy, 39 (10), 1456-1466.
- De Smet, B., Thijs, T., Moechars, D., **Colsoul, B**., Polders, L., Ver Donck, L., Coulie, B., Peeters, T., Depoortere, I. (2009). *Endogenous and exogenous ghrelin enhance the colonic and gastric manifestations of dextran sodium sulphate-induced colitis in mice.* Neurogastroenterology and motility, 21, 59-70.

Projects

Memberships

Other Relevant Information

Additional education:

- Patient Expert Certificate - Patient Expert Center & Kick Cancer (2022)

Independent patient advocate active in the neuroblastoma community, connected with patient networks such as KickCancer and the SIOPEN Advocate Committee.