



REFERENCES FOR GUINEA PIG

All of these **peer-reviewed publications** have used the Compresstome® for successful tissue slices. If you have any questions, please contact us:

www.precisionary.com

E-mail: info@precisionary.com

Phone: 617-683-0586

References

1. Ahn S, Maarsingh H, Walker JK, Liu SW, Hegde A, Sumajit HC, Kahsai AW, Lefkowitz RJ. Allosteric modulator potentiates β 2AR agonist-promoted bronchoprotection in asthma models. *J Clin Invest*. 2023 Jul 11:e167337. Epub ahead of print. PMID: 37432742.
2. Kistemaker LEM, Oenema TA, Baarsma HA, Bos IST, Schmidt M, Facchinetti F, Civelli M, Villetti G, Gosens R. The PDE4 inhibitor CHF-6001 and LAMAs inhibit bronchoconstriction-induced remodeling in lung slices. *Am J Physiol Lung Cell Mol Physiol*. 2017 Sep 1;313(3):L507-L515. Epub 2017 Jun 8. PMID: 28596292.
3. Maarsingh H, Bidan CM, Brook BS, Zuidhof AB, Elzinga CRS, Smit M, Oldenburger A, Gosens R, Timens W, Meurs H. Small airway hyperresponsiveness in COPD: relationship between structure and function in lung slices. *Am J Physiol Lung Cell Mol Physiol*. 2019 Mar 1;316(3):L537-L546. Epub 2019 Jan 10. PMID: 30628486; PMCID: PMC6459292.
4. Maarsingh H, Oldenburger A, Han B, Zuidhof AB, Elzinga CRS, Timens W, Meurs H, Sopi RB, Schmidt M. Effects of (a Combination of) the Beta₂-Adrenoceptor Agonist Indacaterol and the Muscarinic Receptor Antagonist Glycopyrrolate on Intrapulmonary Airway Constriction. *Cells*. 2021 May 18;10(5):1237. PMID: 34069899; PMCID: PMC8157597.
5. Oenema TA, Maarsingh H, Smit M, Groothuis GM, Meurs H, Gosens R. Bronchoconstriction Induces TGF- β Release and Airway Remodelling in Guinea Pig Lung Slices. *PLoS One*. 2013 Jun 26;8(6):e65580. PMID: 23840342; PMCID: PMC3694103.

6. van den Berg MPM, Kurhade SH, Maarsingh H, Erceg S, Hulsbeek IR, Boekema PH, Kistemaker LEM, van Faassen M, Kema IP, Elsinga PH, Dömling A, Meurs H, Gosens R. Pharmacological Screening Identifies SHK242 and SHK277 as Novel Arginase Inhibitors with Efficacy against Allergen-Induced Airway Narrowing In Vitro and In Vivo. *J Pharmacol Exp Ther*. 2020 Jul;374(1):62-73. Epub 2020 Apr 8. PMID: 32269169.

7. van den Berg M, Nijboer-Brinksma S, Bos S, van den Berge M, Lamb D, van Faassen M, Kema I, Gosens R, Kistemaker L. Withdrawn: The novel TRPA1 antagonist BI01305834 inhibits ovalbumin-induced bronchoconstriction in guinea pigs. *Br J Pharmacol*. 2020 Oct;177(20):4809. PMID: 32436213; PMCID: PMC7520438.