

## Publications

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Cheung C, Bernardo AS, Trotter MW, et al. (2012).

Generation of human vascular smooth muscle subtypes provides insight into embryological origin-dependent disease susceptibility.

***Nature Biotechnology***, 30(2), 165-73.

Cheung C, Bernardo AS, Pedersen RA, et al. (2014).

Directed differentiation of embryonic origin-specific vascular smooth muscle subtypes from human pluripotent stem cells.

***Nature Protocols***, 9, 929-938.

Trigueros-Motos L, Gonzalez-Granado JM, Cheung C, et al. (2013).

Embryological-origin-dependent differences in homeobox expression in adult aorta: role in regional phenotypic variability and regulation of NF- $\kappa$ B activity.

***Arteriosclerosis, Thrombosis, and Vascular Biology***, 33(6), 1248-56.

Cheung C, Goh YT, Zhang J, et al. (2014).

Modelling cerebrovascular pathophysiology in amyloid- $\beta$  metabolism using neural crest-derived smooth muscle cells.

***Cell Reports***, 9(1), 391-401.

Narmada BC, Goh YT, ... Cheung C. (2016).

Human stem cell-derived endothelial-hepatic platform for efficacy testing of vascular-protective metabolites from nutraceuticals.

***Stem Cells Translational Medicine***, 6(3), 851-863.

Bargehr J, Low L, Cheung C, et al. (2016).

Embryological Origin of Human Smooth Muscle Cells Influences Their Ability to Support Endothelial Network Formation.

***Stem Cells Translational Medicine***, 5(7), 46-59.

Ng GJL, Quek AML, Cheung C, et al. (2017).

Stroke biomarkers in clinical practice: A critical appraisal.

***Neurochemistry International***, 107, 11-22.

Kiskin FN, Chang C, ... Cheung C, et al. (2018).

Contribution of BMPR2 mutations and extrinsic factors in cellular phenotypes of pulmonary arterial hypertension.

***American Journal of Respiratory and Critical Care Medicine***, 198(2), 271-275.

SSY Chan, YS Tan, K Wu, C Cheung, DK Loke. (2018).

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***ACS Applied Bio Materials***, 1(2), 210–215.