

## Vòng Bính Long Ph.D.

Department of Biochemistry, Faculty of Biology-Biotechnology

Date of Birth: 1984

Male

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## Education

- Postdoctoral Fellow in Molecular Engineering, University of Tsukuba, Japan (2015-2017)
- Doctor of Philosophy in Engineering, University of Tsukuba, Japan (2012-2015)
- Master of Science in Biochemistry, University of Science Ho Chi Minh (2007-2010)
- Bachelor of Science in Biochemistry, University of Science Ho Chi Minh (2002-2006)

## Research Interest

- His research activities focus on the development of innovative biomaterials for biomedical applications such as nanomedicine for treatment of oxidative stress-induced diseases in gastrointestinal tract, especially ulcerative colitis, as well as colitis-associated colon cancer. Injectable Hydrogel in cardiovascular disease, targeting gene therapy and immunotherapy are also research interest.
- Drug discovery and development from natural compounds. Extraction, purification and improvement of bioavailability, bioactivity *in vitro* and *in vivo*
- Medical biochemistry: Metabolism of biomolecules in pathogenicity

## Selected Publications:

- [1] L.B. Vong, T. Tomita, T. Yoshitomi, H. Matsui, Y. Nagasaki. *Gastroenterology*, 143, 1027-36, **2012**
- [2] S. Sha, L. B. Vong, P. Chonpathompikunlert, T. Yoshitomi, et al. *Biomaterials*, 34, 8393-8400, **2013**
- [3] L.B. Vong, T. Yoshitomi, K. Morikawa, S. Saito, et al. *Journal of Gastroenterology*, 49, 806-13, **2014**
- [4] P. Chonpathompikunlert, T. Yoshitomi, L.B. Vong, et al. *PLOS ONE*, 10(5), e0126013, **2015**
- [5] A. Eguchi, T. Yoshitomi, M. Lazic, C. D. Johnson, L.B. Vong, et al. *Nanomedicine* 10, 2697-2708, **2015**
- [6] L.B. Vong, T. Yoshitomi, H. Matsui, Y. Nagasaki. *Biomaterials*, 55:54-63, **2015**
- [7] L.B. Vong, J. Mo, B. Abrahamsson, Y. Nagasaki. *Journal of Controlled Release*, 210, 19-25, **2015**
- [8] L.B. Vong, Y. Nagasaki. *Molecular Pharmaceutics* 3 (2), 449-455, **2016**
- [9] L.B. Vong, M. Kobayashi, Y. Nagasaki. *Molecular Pharmaceutics* 13 (9), 3091-3097, **2016**
- [10] P. Boonruamkaew, P. Chonpathompikunlert, L.B. Vong, et al. *Scientific Reports*, **3785**, 1-13, **2017**
- [11] L.B. Vong, S. Kimura, Y. Nagasaki, *Advanced Healthcare Materials*, accepted, **2017**