Curriculum Vitae

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EDUCATION

Ph.D.	Pharmaceutical Science	Nihon University, 2003
M.Ps.	Pharmaceutical Science	Nagoya City University, 1993
B.Ps.	Pharmaceutical Science	Nagoya City University, 1991

QUALIFICATION

Pharmacist 1991

JOB/RESEARCH EXPERIENCE

Apr 2018 – present	University of Shizuoka: Professor, School of Pharmaceutical Sciences
Apr 2015 – Sep 2018	Kyushu University: Affiliate Professor, Pharmaceutical Science
Apr 2013 – Mar 2018	Astellas Pharma Inc.: Senior Director, Drug Delivery
Aug 2011 – Mar 2013	OSI Pharmaceuticals, LLC (a wholly-owned subsidiary of Astellas US LLC): Associate Director, Pharmaceutical Development Group
Apr 2005 – Jul 2011	Astellas Pharma Inc.: Research Fellow, Drug Delivery
Apr 1993 – Mar 2005	Yamanouchi Pharmaceutical Co., Ltd.: Researcher, Drug Delivery and Biopharmacy

RECENT RESEARCH INTEREST

- Formulation design
- Controlled release
- Drug Delivery System
- Nanofiber
- Rheology

MEMBERSHIP

- The Academy of Pharmaceutical Science and Technology, Japan
- The Japan Society of Drug Delivery System
- The Pharmaceutical Society of Japan
- The Japanese Society for the Study of Xenobiotics
- Japan Society of Pharmaceutical Machinery and Engineering

PUBLICTION

- Research articles (selected)

1. A. Kambayashi, K. Sako, **H. Kondo**. Scintigraphic evaluation of the *in vivo* performance of dry-coated delayed release tablets in humans. *Eur J Pharm Biopharm*. 2020; 152:116-122. doi.org/10.1016/j.ejpb.2020.04.022

2. M. T. Salam, A. Kumar, A. Hata, **H. Kondo**. Md. A. Salam, Mir I. I. Wahed, Md. R. I. Khan, R. K. Barman. Accelerated Aqueous Solubility and Antibacterial Activity of Cefuroxime Axetil Using Microcrystalline Cellulose as Carrier*. Pharmacology & Pharmacy*. 2020; 11, 159-173.

3. T. Yoshida, K. Sako, **H. Kondo**. Design of novel tacrolimus formulations with chemically synthesized oils for oral lymphatic delivery. *Drug Dev Ind Pharm.* 2020; 46(2): 219-226. doi.org/10.1080/03639045.2020.1721525.

4. A. Kambayashi, K. Sako, **H. Kondo**. Characterization of the buccal and gastric transit of orally disintegrating tablets in humans using gamma scintigraphy. *Int J Pharm*. 2020; 576: 118937, doi: 10.1016/j.ijpharm.2019.118937.

5. A. Kambayashi, K. Sako, **H. Kondo**. Effects of Diurnal Variation and Food on Gastrointestinal Transit of ^{111}In-Labeled Hydrogel Matrix Extended-Release Tablets and ^{99m}Tc-Labeled Pellets in Humans. *J Pharm Sci*. 2020; 109(2): 1020-1025, doi: 10.1016/j.xphs.2019.09.025.

6. R. Kiniwa, M. Miyake, S. Kimura, S. Itai, **H. Kondo**, Y. Iwao. Development of muco-adhesive orally disintegrating tablets containing tamarind gum-coated tea powders for oral care. *Int J Pharm*. 2019; doi: 10.1016/j.ijpx.2019.100012. eCollection 2019 Dec.

7. S. Kimura, T. Ishikawa, Y. Iwao, S. Itai, **H. Kondo**. Fabrication of Zero-Order Sustained-Release Floating Tablets via Fused Depositing Modeling 3D Printer. *Chem Pharm Bull.* 2019; 67(9): 992-999.

8. Y. Iwao, H. Ishida, S. Kimura, T. Wakimoto, **H. Kondo**, S. Itai, S. Noguchi. Crystal Structures of Flavone C-Glycosides from Oolong Tea Leaves: Chafuroside A Dihydrate and Chafuroside B Monohydrate. *Chem Pharm Bull.* 2019; 67(9): 935-939.

9. M. Kaihara, K. Hojo, T. Tajiri, A. Kambayashi, T. Yoshida, Y. Katakawa, K. Motonaga, S. Kimura, Y. Iwao, **H. Kondo**. Novel dissolution approach for tacrolimus-loaded microspheres using a dialysis membrane for in vitro-in vivo correlation. *Chem Pharm Bull.* 2019; 67(5): 467-475.

10. K. Matsumoto, S. Kimura, S. Itai, **H. Kondo**, Y. Iwao. In vivo temperature-sensitive drug release system trigged by cooling using low-melting-point microcrystalline wax. *J Control Release* 2019; 303: 281-288, doi: 10.1016/j.jconrel.2019.04.029.

11. K. Matsumoto, S. Kimura, S. Noguchi, S. Itai, **H. Kondo**, Y. Iwao. Mechanism of drug release from temperature-sensitive formulations composed of low-melting-point microcrystalline wax. *J Pharm Sci*. 2019; 108(6): 2086-2093, doi: 10.1016/j.xphs.2019.01.010.

12. S. Matsuo, K. Higashi, K. Moribe, S. Kimura, S. Itai, **H. Kondo**, Y. Iwao. Combination of roll grinding and high-pressure homogenization can prepare stable bicelles for drug delivery. *Nanomaterials* 2018; 8, 998: doi:10.3390/nano8120998.

13. M. Kobayashi, D. Shinozuka, **H. Kondo**, K. Sako, K. Otake. Novel orally disintegrating tablets produced using a high-pressure carbon dioxides process. *Chem Pharm Bull.* 2018; 66: 932–938.

14. Y. Ito, A. Maeda, **H. Kondo**, Y. Iwao, S. Noguchi, S. Itai. Application of water-insoluble polymers to orally disintegrating tablets treated by high-pressure carbon dioxide gas. *Int J Pharm*. 2016; 511(1): 10-22.

15. T. Yoshida, K. Nakanishi, T. Yoshioka, Y. Tsutsui, A. Maeda, **H. Kondo**, K. Sako. Oral tacrolimus formulations for enhanced lymphatic delivery and efficient inhibilion of T-cells interleukin-2 production. *Euro J Pharm Biopharm*. 2016; 100: 58-65.

16. T. Ishii, N. Kobayashi, A. Maeda, **H. Kondo**, K. Sako, S. Yamada, Y. Kagawa. Absorption improvement of sepantronium bromide (YM155) by aminoalkyl methacrylate copolymers in in situ intestinal tracts of mice. *J Drug Del Sci Tech.* 2015; 27: 1-8.

17. S. Takemura, **H. Kondo**, S. Watanabe, K. Sako, K. Ogawara, K. Higaki. Aminoalkylmethacrylate copolymer E improves oral bioavailability of YM466 by suppressing drug-bile interaction. *J Pharm Sci.* 2013; 102(9): 3128-3135.

18. S. Takemura, **H. Kondo**, K. Suzumura, K. Ogawara, S. Watanabe, K. Sako, K. Higaki. Evaluation of factors affecting gastrointestinal absorption of a novel anticoagulant FX-93 for development of oral formulation. *J Pharm Sci*. 2012; 101(6): 2134-2142.

19. H. Kojima, K. Yoshihara, T. Sawada, **H. Kondo**, K. Sako. Extended release of a large amount of highly water-soluble diltiazem hydrochloride by utilizing counter polymer in polyethylene oxides (PEO)/polyethylene glycol (PEG) matrix tablets. *Eur J Pharm Biopharm.* 2008; 70: 556-562.

20. C. Mori and **H. Kondo**. Effect of gastric acidity regulation on the gastrointestinal transit time and secretion of gastric fluids in beagle dogs. *J Drug Del Sci Tech.* 2006; 16(6): 467-472.

21. T. Sawada, **H. Kondo**, H. Nakashima, K. Sako, M. Hayashi. Time-release compression-coated core tablet containing nifedipine for chronopharmacotherapy. *Int J Pharm.* 2004; 280(1-2): 103-111.

22. **H. Kondo**, T. Watanabe, S. Yokohama, J. Watanabe. Effect of food on gastrointestinal transit of liquids in unfed cynomolgus monkeys. *Biopharm Drug Dispos*. 2003; 24: 141-151.

23. **H. Kondo**, Y. Takahashi, T. Watanabe, S. Yokohama, J. Watanabe. Gastrointestinal transit of liquids in unfed cynomolgus monkeys. *Biopharm Drug Dispos*. 2003; 24: 131-140.

24. **H. Kondo**, T. Shinoda, H. Nakashima, T. Watanabe, S. Yokohama. Characteristics of the gastric pH profiles of unfed and fed cynomolgus monkeys as pharmaceutical product development subjects. *Biopharm Drug Dispos*. 2003; 24: 45-51.

25. Y. Takahashi, **H. Kondo**, T. Yasuda, T. Watanabe, S. Kobayashi, S. Yokohama. Common solubilizers to estimate the Caco-2 transport of poorly water-soluble drugs. *Int J Pharm.* 2002; 246(1-2): 85-94.

26. J. Watanabe, **H. Kondo**, H. Muranishi, K. Urano, M. Haba, H. Yuasa. Macromolecule-macromolecule interaction in drug distribution. III. Kinetic characterization of the uptake of fractionated [^{3}H]heparin and the effect of plasma proteins in the perfused rat liver. *Biol Pharm Bull*. 1993; 16(10): 1035-9.

- Review article

1. T. Yasuji, **H. Kondo**, K. Sako. The effect of food on the oral bioavailability of drugs: a review of current developments and pharmaceutical technologies for pharmacokinetic control. *Ther Deliv.* 2012; 3(1): 81-90.