

# Kazuki IDE, PhD

## Program-Specific Assistant Professor

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## PROFILE

Kazuki Ide is a registered pharmacist living in Japan. He received a Ph.D. from the University of Shizuoka (Japan) in September 2016 (early completion). He has been employed as a Program-Specific Assistant Professor at Kyoto University (Japan) since October 2016. His broad research interests include social medicine, public health, epidemiology, clinical nutrition, complementary and alternative medicine (CAM), pharmacy, applied statistics, and school health. He has published over 50 peer-reviewed articles in reputable international journals, as well as three book chapters. He has also contributed as a peer reviewer to several international academic journals, including *Nutrients* and *Clinical Epidemiology*.

## PUBLICATIONS

### *Research Reports (Peer Reviewed)*

1. Tomitaka S, Kawasaki Y, **Ide K**, Akutagawa M, Ono Y, Furukawa TA. Stability of the distribution of Patient Health Questionnaire-9 Scores against age in the general population: Data from the national health and nutrition examination survey. *Front Psychiatry*. 2018, *in press*.
2. **Ide K**, Seto K, Usui T, Tanaka S, Kawakami K. Correlation between dental conditions and comorbidities in an elderly Japanese population: A cross-sectional study. *Medicine*. 2018; **97**: e11075.
3. Iketani R, **Ide K**, Yamada H, Kawasaki Y, Masaki N. Regional differences in the safety of telaprevir-based triple therapy for chronic hepatitis C in Japan: a retrospective pilot cohort study. *Jpn J Drug Inform*. 2018, *in press*.
4. Usui T, Funagoshi M, Seto K, **Ide K**, Tanaka S, Kawakami K. Persistence of and switches from teriparatide treatment among women and men with osteoporosis in the real world: A claims database analysis. *Arch Osteoporos*. 2018; **13**: 54.
5. Tomitaka S, Kawasaki Y, **Ide K**, Akutagawa M, Yamada H, Ono Y, Furukawa TA. Distributional patterns of item responses and total scores on the PHQ-9 in the general

- population: data from the National Health and Nutrition Examination Survey. *BMC Psychiatry*. 2018; **18**: 108.
6. Oikawa H, **Idé K**, Hosono T, Akutagawa M, Kawasaki Y, Watanabe M. Development of teaching materials for statistical education: Practice in a high school mathematics class. 2018, *in press*. (*In Japanese*)
  7. Yoshida S, **Idé K**, Takeuchi M, Kawakami K. Prenatal and early-life antibiotic use and risk of childhood asthma: A retrospective cohort study. *Pediatr Allergy Immunol*. 2018; **29**: 490-495.
  8. Tomitaka S, Kawasaki Y, **Idé K**, Akutagawa M, Yamada H, Furukawa TA. Exponential distribution of total depressive symptom scores in relation to exponential latent trait and item threshold distributions: a simulation study. *BMC Res Notes*. 2017; **10**: 614.
  9. **Idé K**, Yonekura H, Kawasaki Y, Kawakami K. Influence of institution-based factors on preoperative blood testing prior to lowrisk surgery: a Bayesian generalized linear mixed approach. *Comput Math Methods Med*. 2017; **2017**: 3624075.
  10. Tomitaka S, Kawasaki Y, **Idé K**, Akutagawa M, Yamada H, Ono Y, Furukawa TA. Item Response Patterns on the Patient Health Questionnaire-8 (PHQ-8) in a Nationally Representative Sample of US Adults. *Front Psychiatry*. 2017; **8**: 251.
  11. Yonekura H, Seto K, **Idé K**, Kawasaki Y, Tanaka S, Nahara I, Takeda C, Kawakami K. Preoperative blood tests conducted prior to low-risk surgery in Japan: a retrospective observational study using a nationwide insurance claims database. *Anesth Analg*. 2017, *in press*.
  12. Yonekura H, **Idé K**, Seto K, Kawasaki Y, Tanaka S, Nahara I, Takeda C, Kawakami K. Preoperative pulmonary function tests before low-risk surgery in Japan: a retrospective cohort study using a claims database. *J Anesth*. 2017, *in press*.
  13. **Idé K**, Yoshida S, Oita Y, Kawakami K. Awareness and understanding of the practical use and application of school health records: A survey of parents. *Jpn J Sch Health*. 2017; **59**: 341-346. (*In Japanese*)
  14. Tomitaka S, Furukawa TA, Kawasaki Y, **Idé K**, Akutagawa M, Ono Y, Yamada H. Characteristic distribution of the total and individual item scores on the Kessler Screening Scale for Psychological Distress (K6) in US adults. *BMC Psychiatry*. 2017; **17**: 290.
  15. Chiba T, Sato Y, Kobayashi E, **Idé K**, Iketani R, Yamada H, Umegaki K. Behaviors in response to adverse events associated with health foods use -Internet survey on consumers, physicians and pharmacists-. *Food Hyg Saf Sci*. 2017, *in press*. [*In Japanese*]

16. **Ide K**, Yoshida S, Oita Y, Kawakami K. Awareness and understanding of the practical use and application of school health records: A survey of parents. *Jpn J Sch Health*. 2017, *in press*. [In Japanese]
17. Akutagawa M, **Ide K**, Kawasaki Y, Yamanaka M, Iketani R, Yamada H, Masaki N. Safety profile of telaprevir-based triple therapy in elderly patients: A real-world retrospective cohort study. *Biol Pharm Bull*. 2017, *in press*.
18. Matsuzaka M, Kobayashi Y, Hagiwara S, Mochizuki S, Takada M, **Ide K**, Kawasaki Y, Yamada H, Suwa K, Suzuki T, Yokoyama M, Ito Y, Kitamura O, Ono T, Yonemura K. Pharmacists' intervention in nephrology and pharmacotherapy in Shizuoka, Japan: A questionnaire survey. *Jpn J Nephrol Pharmacother JJNP*. 2017; 6: 15-27. [In Japanese]
19. Sakakibara I, **Ide K**, Kawasaki Y. Feasibility of Analysis Data Model conversion of national center biobank network catalog data. *Jpn J Clin Pharmacol Ther*. 2017; **48**: 95-98.
20. Chiba T, Sato Y, Kobayashi E, **Ide K**, Yamada H, Umegaki K. Behaviors of consumers, physicians and pharmacists in response to adverse events associated with dietary supplement use. *Nutr J*. 2017; **16**: 18.
21. Kitagawa M, **Ide K**, Kawasaki Y, Niwata S, Matsushita K, Kaji M, Umegaki K, Yamada H. Reliability of the evaluation methods used to assess a causal relationship between dietary supplement intake and changes in adverse events. *Jpn J Drug Inform*. 2017; **19**: 24-31.
22. **Ide K**, Kawasakia Y, Iketani R, Masaki N. Risk factors for treatment discontinuation caused by adverse events when using telaprevir, peginterferon, and ribavirin to treat chronic hepatitis C: A real-world retrospective cohort study. *Biol Pharm Bull*. 2017; **40**: 645-649.
23. Doi M, **Ide K**, Kawasaki Y. Bayesian indexes of superiority and equivalence and the p- value of the F-test for the variances of normal distributions. *Jpn J Biometrics.*, *in press*.
24. Akutagawa M, Kawasaki Y, Kawasaki A, **Ide K**, Yamada H, Masaki N. Cost-outcome description of PEG-IFN- $\alpha$ 2b + RBV for hepatitis C: results based on the interferon database. *Biol Pharm Bull*. 2017; **40**: 594-597.
25. Iketania R, **Ide K**, Yamada H, Kawasakia Y, Masaki N. The safety profile of telaprevir-based triple therapy in clinical practice: a retrospective cohort study. *Biol Pharm Bull*. 2017; **40**: 687-692.
26. Tomitaka S, Kawasaki Y, **Ide K**, Akutagawa M, Yamada H, Furukawa TA, Ono Y. Pattern analysis of total item score and item response of the Kessler Screening Scale for Psychological Distress (K6) in a nationally representative sample of US adults. *PeerJ*. 2017; **5**: e2987.

27. **Ide K**, Kawasaki Y, Akutagawa M, Yamada H. Effects of green tea gargling on the prevention of influenza infection: An analysis using Bayesian approaches. *J Altern Complement Med*. 2017; **23**: 116-120.
28. Shimada Y, Nakagawa Y, **Ide K**, Sato I, Hagiwara S, Yamada H, Kawasaki Y, Maruoka Y. Importance of eliminating potential dental focal infection before the first cycle of chemotherapy in patients with hematologic malignancy. *Support Care Cancer*. 2017; **25**: 1379-1381. [Research Report included in the *Letter to the Editor* section]
29. Tomitaka S, Kawasaki Y, **Ide K**, Akutagawa M, Yamada H, Furukawa TA, Ono Y. Relationship between item responses of negative affect items and the distribution of the sum of the item scores in the general population. *PLoS ONE*. 2016; **11**: e0165928.
30. **Ide K**, Yamada H, Takuma N, Kawasaki Y, Morohoshi H, Takenaka A, Kaihatsu K. Effects of catechin-treated masks on the prevention of influenza infection: an exploratory randomized study. *Jpn J Clin Pharmacol Ther*. 2016; **47**: 229-234.
31. Uchiyama Y, Kawasaki Y, **Ide K**, Noguchi M, Soga T, Yamada H. The present situation of biostatistical consultation at hospitals in Shizuoka: a survey. *Jpn J Clin Pharmacol Ther*. 2016; **47**: 209-217. (In Japanese)
32. Tomitaka S, Kawasaki Y, **Ide K**, Akutagawa M, Yamada H, Furukawa TA, Ono Y. Boundary curves of individual items in the distribution of total depressive symptom scores approximate an exponential pattern in a general population. *PeerJ*. 2016; **4**: e2566.
33. **Ide K**, Sato I, Imai T, Hawke P, Yamada H, Kawasaki Y, Masaki N. Comparison of the safety profiles of pegylated interferon  $\alpha$ -2a and  $\alpha$ -2b administered in combination with ribavirin for chronic hepatitis C infection: A real-world retrospective cohort study. *Biol Pharm Bull*. 2016; **39**: 2060-2065.
34. Kawasaki Y, Doi M, **Ide K**, Miyaoka E. A Bayesian non-inferiority index for two Poisson parameters. *Cogent math*. 2016; **3**: 1229373.
35. **Ide K**, Yamada H, Kawasaki Y, Yamanaka M, Kawakami N, Katsuyama Y, Yoshida H, Kim K, Shiosaki E, Sonoda A, Umegaki K, Harada K. Peripheral vitamin C levels in Alzheimer's disease: A cross-sectional study. *J Nutr Sci Vitaminol (Tokyo)*. 2016, in press.
36. **Ide K**, Kawasaki Y, Akutagawa M, Yamada H, Masaki N. Regional differences in hepatitis C treatment with peginterferon and ribavirin in Japan in both genotype 1 and genotype 2: A retrospective cohort study. *Biol Pharm Bull*. 2016; **39**: 1538-1543.

37. **Ide K**, Yamada H, Kawasaki Y, Noguchi H, Kitagawa M, Chiba T, Kagawa Y, Umegaki K. Reporting of adverse events related to dietary supplements to a public health center by medical staff: A survey of clinics and pharmacies. *Ther Clin Risk Manag*. 2016; **12**: 1403-1410.
38. Kawasaki Y, Doi M, **Ide K**, Miyaoka E. Bayesian index to compare assumed survival functions of two hazards following exponential distributions. *Cogent math*. 2016; **3**: 1193927.
39. **Ide K**, Yamada H, Kawasaki Y. Effect of gargling with tea and ingredients of tea on the prevention of influenza infection: A meta-analysis. *BMC Public Health*. 2016; **16**: 396.
40. Tamano H, **Ide K**, Adlard P, Bush A, Takeda A. Involvement of hippocampal excitability in amyloid  $\beta$ -induced behavioral and psychological symptoms of dementia. *J Toxicol Sci*. 2016; **41**: 449-57.
41. **Ide K**, Yamada H, Takuma N, Kawasaki Y, Harada S, Nakase J, Ukawa Y, Sagesaka YM. Effects of green tea consumption on cognitive dysfunction in an elderly population: A randomized placebo-controlled study. *Nutr J*. 2016; **15**: 49.
42. Tamano H, Enya Y, **Ide K**, Takeda A. Influences of Yokukansankachimpihange on aggressive behavior of zinc-deficient mice and actions of the ingredients on excessive neural exocytosis in the hippocampus of zinc-deficient rats. *Exp Anim*. 2016; **65**: 353-361.
43. **Ide K**, Kawasaki Y, Yamada H, and Masaki N. Regional differences in hepatitis C treatment with peginterferon and ribavirin in Japan: A retrospective cohort study. *Drug Des Devel Ther*. 2016; **10**: 1217-1223.
44. Tomitaka S, Kawasaki Y, **Ide K**, Yamada H, Miyake K, Ono Y. Distributions of total depressive symptoms scores and negative depressive symptom items in a sample of Japanese employees. *PLoS One*. 2016; **11**: e0147577.
45. Tomitaka S, Kawasaki Y, **Ide K**, Yamada H, Furukawa T, Ono Y. Age-related changes in the distributions of depressive symptom items in the general population: Cross-sectional study using a mathematical model. *PeerJ*. 2016; **4**: e1547.
46. Sato I, Y. Kawasaki Y, **Ide K**, I. Sakakibara, Konomura K, Yamada H, Tanaka Y. Clinical Data Interchange Standards Consortium standardization of biobank data: A feasibility study. *Biopreserv Biobank*. 2016; **14**: 45-50.
47. **Ide K**, Yamada H, Kitagawa M, Kawasaki Y, Buno Y, Matsushita K, Kaji M, Fujimoto K, Waki M, Nakashima M, Umegaki K. Methods for estimating causal relationships of adverse events with dietary supplements. *BMJ Open*. 2015; **5**: e009038.

48. Kobayashi Y, Yoshioka M, Inaba T, Suzuki T, Sakakima M, **Ide K**, Kawasaki Y, Yamada H, Kitamura O, Yonemura K. Pharmacists' recommendations on the drug-drug interaction between precipitated calcium carbonate and gastric secretion inhibitors. *Jpn J Nephrol Pharmacother JJNP*. 2015; **4**: 31-38. [In Japanese]
49. **Ide K**, Yamada H, Umegaki K, Mizuno K, Kawakami N, Hagiwara Y, Matsumoto M, Yoshida H, Kim K, Shiosaki E, Yokochi T, Harada K. Lymphocyte vitamin C level as a potential biomarker for the progression of Parkinson's disease. *Nutrition*. 2015; **31**: 406-408.
50. **Ide K**, Ikumi Y, Kiuchi A, Sone J, Kojima M, Yamada H. Submission rates of medication notebooks in insurance pharmacies. *Jpn J Drug Inform*. 2015; **16**: 201-205. [In Japanese]
51. **Ide K**, Yamada H, Takuma N, Park M, Wakamiya N, Nakase J, Ukawa Y, Sagesaka Y. M. Green tea consumption effects cognitive dysfunction in the elderly: A pilot study. *Nutrients*. 2014; **6**: 4032-4042.
52. **Ide K**, Yamada H, Matsushita K, Ito M, Nojiri K, Toyozumi K, Matsumoto K, Sameshima Y. Effects of green tea gargling on the prevention of influenza infection in high school students: A randomized controlled study. *PLoS One*. 2014; **9**: e96373.
53. **Ide K**, Park M, Yamada H. The effect of green tea with exceptionally high catechin content on nadolol plasma concentration. *Clin Pharmacol Ther*. 2014; **95**: 588.
54. Ichimaru K\*, **Ide K**\*, Ono A, Kitagawa M, Narushima D, Matsumoto K, Umegaki K, Yamada H. Modification of a dendritic algorithm for evaluation of causal relationships of adverse events with health food. *Jpn J Clin Pharm Ther*. 2013; **44**: 405-410. (In Japanese) (\*equal contribution)
55. Takeda A, Iwaki H, **Ide K**, Tamano H, Oku N. Therapeutic effect of yokukansan on social isolation-induced aggressive behavior of zinc-deficient and pair-fed mice. *Brain Res Bull*. 2012; **87**: 551-555.
56. Takeda A, Suzuki M, Tamano H, Takada S, **Ide K**, Oku N. Involvement of glucocorticoid-mediated Zn<sup>2+</sup> signaling in attention of hippocampal CA1 LTP by acute stress. *Neurochem Int*. 2012; **60**: 394-399.

### Review Articles

57. Furushima D, **Ide K**, Yamada H. Effect of tea catechins on influenza infection and the common cold with a focus on epidemiological/clinical studies. *Molecules*. 2018; **3**: 1795.
58. **Ide K**, Matsuoka N, Kawakami K. Is the use of proton-pump inhibitors a risk factor for Alzheimer's disease? Molecular mechanisms and clinical implications. *Curr Med Chem*. 2018, in press.

59. **Ide K**, Kawasaki Y, Yamada H. Health benefits of green tea in humans: A review of clinical evidence. *J Jpn Soc Med Use Funct Foods*. 2016; 9: 366-371. (In Japanese)
60. **Ide K**, Yamada H. Clinical benefits of green tea consumption for cognitive dysfunction. *PharmaNutrition*. 2015; 3:136-145.
61. Morohoshi H, **Ide K**, Harada S, Fuji S, Nakahara A, Suzuki T, Takuma N, Yamada H. [Error ratio in data processing of investigator-initiated clinical research.] *Jpn Pharmacol Ther*. 2014; **42**: 904-907. (In Japanese)
62. **Ide K**, Yamada H. [Effect of green tea consumption on cognitive dysfunction.] *Food Sci*. 2014; **56**: 67-73. (In Japanese)
63. **Ide K**, Yamada H. [Inhibitory effect of green tea catechins on dementia.] *Functional Food*. 2014; 8: 31-35. (In Japanese)
64. **Ide K**, Yamada H. [The common cold: Strategic points for a recommendation for consulting a doctor.] *J Jpn Pharmaceutical Assoc*. 2014; **66**: 769-773. (In Japanese)
65. Kitagawa M, **Ide K**, Narushima D, Yamada H. [Current issues in dietary supplement safety.] *Functional Food*. 2014; **8**: 52-57. (In Japanese)
66. **Ide K**, Nojiri K, Nagasaka S, Ichimaru K, Toyoizumi K, Matsumoto K, Yamada H. [Clinical research methodology for undergraduate pharmacy education: Teaching and practice of tutorial-style medical statistics courses.] *Clin Res Prof*. 2013; **35-36**: 60-64. (In Japanese)

### **Book Chapters & Other publications**

67. **Ide K**, Kawasaki Y, Kawakami K, Yamada H. Effects of bioactive components of green tea on Alzheimer's disease and their structure-activity relationships. In: Atta-ur-Rahman, eds. *Studies in Natural Products Chemistry*. St. Louis, Mo.: Elsevier, 2017, in press.
68. **Ide K**, Kawakami K. How do you treat asthma in your practice? *Med Acupunct*. 2018, in press.
69. **Ide K**, Kawakami K. How do you treat upper respiratory infections in the elderly in your practice? *Med Acupunct*. 2017; 29: 105-113.

### **PRESENTATIONS** (Selected presentations in English)

1. **Ide K**, Yamada H, Umegaki K, Mizuno K, Kawakami N, Hagiwara Y, Matsumoto M, Yoshida H, Kim K, Shiosaki E, Yokochi T, Harada K. Lymphocyte vitamin C level is associated with Parkinson's disease progression. 55th Annual Meeting of the Japanese Society of Neurology, Fukuoka, Japan, May 2014.
2. **Ide K**, Yamada H, Umegaki K, Mizuno K, Kawakami N, Hagiwara Y, Matsumoto M, Yoshida H, Kim K, Shiosaki E, Yokochi T, Harada K. Lymphocyte and plasma vitamin

	<p>levels as potential biomarkers for Parkinson's disease progression. ESPEN 2014, Geneva, Switzerland, September 2014.</p> <p>3. <b>Ide K</b>, Yamada H, Ito M, Matsushita K, Nojiri K, Toyoizumi K, Matsumoto K, Sameshima Y. Effects of green tea gargling on the prevention of influenza infection in high school students: A randomized-controlled study. ICOS2013, Shizuoka, Japan, November 2013.</p> <p>4. <b>Ide K</b>, Wakamiya N, Park M, Takuma N, Fujii S, Nakahara A, Suzuki T, Nakase J, Ukawa Y, Sagesaka YM, Yamada H. Effects of green tea consumption on cognitive dysfunction: An exploratory clinical study. WCN 2013, Vienna, Austria, September 2013.</p> <p>5. <b>Ide K</b>, Iwaki H, Tamano H, Oku N, Takeda A. Social isolation-induced aggressive behavior of zinc-deficient mice and effect of yokukansan. ICPF2012, Shizuoka, Japan, November 2012.</p>
<b>GRANTS</b>	<p>1. Japan Society for the Promotion of Science, Grant-in-Aid for JSPS Fellows (No.15J10190)</p> <p>2. Japanese Association of School Health, Grant-in-Aid 2018</p>
<b>AWARDS</b>	<p>1. European Society for Clinical Nutrition and Metabolism, ESPEN2014, Outstanding Abstract, 2014</p> <p>2. 134th Annual Meeting of the Pharmaceutical Society of Japan, Highlighted Presentation, 2014</p> <p>3. 133th Annual Meeting of the Pharmaceutical Society of Japan, Presentation Award, 2013</p>
<b>QUALIFICATIONS</b>	<p>Registered Pharmacist (Ministry of Health, Labour and Welfare, Japan), 2015</p>
<b>MEMBERSHIPS</b>	<p>Pharmaceutical Society of Japan          Japanese Association of School Health          Japanese Society for Pharmacoepidemiology          Japan Epidemiological Association          Japanese Pharmacological Society          Japanese Society of Neurology          Japan Neuroscience Society          Japanese Society of Clinical Pharmacology and Therapeutics          Japan Society for Pharmaceutical Education          Japanese Society of Drug Informatics</p>