

## C.V.

**Name:** Sumito Ogawa M.D., Ph.D.  
**Organization:** Department of Geriatric Medicine, Graduate School of Medicine,  
The University of Tokyo  
**Position & Title:** Professor  
Director of the Dementia Center, The University of Tokyo Hospital

### Educational background & professional experience

2025-	The Dementia Center, The University of Tokyo Hospital	Director
2024-	Dept of Geriatric Medicine, The University of Tokyo	Professor
2013-2024	Dept of Geriatric Medicine, The University of Tokyo	Associate Professor
2008-2012	Dept of Geriatric Medicine, The University of Tokyo	Lecturer
2006-2008	Dept of Geriatric Medicine, The University of Tokyo	Assistant Professor
2005-2006	Medical Education Division, Ministry of Education, Culture, Sports, Science and Technology (MEXT)	Senior Specialist
2001-2005	Dept of Cellular and Molecular Medicine, University of California, San Diego	Postdoctoral Fellow
2000-2001	Dept of Geriatric Medicine, The University of Tokyo Hospital	Teaching Associate
1995-1999	Graduate School of Medicine, The University of Tokyo	Graduate Student
1993-1995	The University of Tokyo Hospital	Intern
1987-1993	Faculty of Medicine, The University of Tokyo	Undergraduate

### Research Interests

- Mechanism of age-related sarcopenia, frailty and geriatric diseases (osteoporosis, atherosclerosis, dementia)
- Age-related changes in the status of sex hormone and nutrition

### Honors, Prizes, Awards

1996	Japan Society for the Promotion of Science Research Fellowship for Young Scientists
2001	Lilly Fellowship Program for Bone & Mineral Research
2003	The Endocrinology Society Travel Grant Award, USA
2006	Tokyo Medical Association Scientific Award
2010	President's Award of 44th Annual Meeting of The Japan Society of Adult Diseases
2012	Best Staff Award of The University of Tokyo Hospital
2020	JSBMR (Japanese Society for Bone Metabolism) Distinguished Scientist Award

### Selected Recent Publications

1. **Ogawa S.** Special issue on sarcopenia: Asia-Pacific perspectives.  
**Osteoporos Sarcopenia** (*in press*)
2. Hosoi T, Yunoki M, Tanaka S, Hagino H, Mori S, Soen S, **Ogawa S.** Evaluation of the Fracture Prevention Effects of Teriparatide and Alendronate in Patients with Frailty: A Sub-Analysis of the Japanese Osteoporosis Intervention Trial-05.  
**J Bone Miner Metab** 43:448-457,2025
3. Iki M, Fujimori K, Nakatoh S, Tamaki J, Ishii S, Okimoto N, Imano H, **Ogawa S.** Rapid reduction in fracture risk after discontinuation of long-term oral glucocorticoid therapy: a retrospective cohort study using a nationwide health insurance claims database in Japan.  
**Osteoporosis Int.** 36:81-92,2025
4. Hosoi T, Yakabe M, Hashimoto S, Akishita M, **Ogawa S.** The roles of sex hormones in the pathophysiology of age-related sarcopenia and frailty.

- Reprod Med Biol.** 23:e12569,2024.
5. Matsumoto S, Yakabe M, Hosoi T, Fujimori K, Tamaki J, Nakatoh S, Ishii S, Okimoto N, Akishita M, Iki M, **Ogawa S**. Relationship between donepezil and fracture risk in patients with dementia with Lewy bodies.  
**Geriatr. Gerontol. Int.** 24:782-788,2024
  6. Iki M, Fujimori K, Nakatoh S, Tamaki J, Ishii S, Okimoto N, Imano H, **Ogawa S**. Average daily glucocorticoid dose, number of prescription days, and cumulative dose in the initial 90 days of glucocorticoid therapy are associated with subsequent hip and clinical vertebral fracture risk: a retrospective cohort study using a nationwide health insurance claims database in Japan.  
**Osteoporosis Int.** 35:805-818,2024
  7. Hashimoto S, Hosoi T, Yakabe M, Matsumoto S, Hashimoto M, Akishita M, **Ogawa S**. Exercise-induced vitamin D receptor and androgen receptor mediate inhibition of IL-6 and STAT3 in muscle.  
**Biochem Biophys Rep.** 23:e12569,2024
  8. Matsumoto S, Hosoi T, Yakabe M, Fujimori K, Tamaki J, Nakatoh S, Ishii S, Okimoto N, Akishita M, Iki M, **Ogawa S**. Relationship between donepezil and fracture risk in patients with dementia with Lewy bodies.  
**Alzheimer Dement** 20:3388-3396,2024
  9. Hosoi T, Yakabe M, Sasakawa H, Sasako T, Ueki K, Kato S, Tokuoka S, Oda Y, Abe M, Matsumoto T, Akishita M, **Ogawa S**. Sarcopenia phenotype and impaired muscle function in male mice with fast-twitch muscle-specific knockout of the androgen receptor.  
**Proc. Natl. Acad. Sci. USA** 120: e2218032120,2023
  10. Yakabe M, Hosoi T, Matsumoto S, Fujimori K, Tamaki J, Nakatoh S, Ishii S, Okimoto N, Kamiya K, Akishita M, Iki M, **Ogawa S**. Prescription of vitamin D was associated with a lower incidence of hip fractures.  
**Sci Rep.** 13:12889,2023
  11. Hosoi T, Yakabe M, Matsumoto S, Fujimori K, Tamaki J, Nakatoh S, Ishii S, Okimoto N, Kamiya K, Akishita M, Iki M, **Ogawa S**. Relationship between antidementia medication and fracture prevention in patients with Alzheimer's dementia using a nationwide health insurance claims database.  
**Sci Rep.** 13:6893,2023
  12. Matsumoto S, Tamiya H, Yamana H, Hosoi T, Matsui H, Fushimi K, Akishita M, Yasunaga H, **Ogawa S**. Association between the type of hypnotic drug and in-hospital fractures in older patients with neurocognitive disorders: A case-control study using a nationwide database.  
**Geriatr. Gerontol. Int.** 23:500-505,2023
  13. Yakabe M, Shibasaki K, Hosoi T, Matsumoto S, Hoshi K, Akishita M, **Ogawa S**. Validation of the questionnaire for medical checkup of old-old (QMCOO) score cutoff to diagnose frailty.  
**BMC Geriatr.** 23:157,2023
  14. Iki M, Fujimoto K, Nakatoh S, Tamaki J, Ishii S, Okimoto N, Kamiya K, **Ogawa S**. Real-world effectiveness of anti-osteoporosis medications for the prevention of incident hip and clinical vertebral fractures in patients on long-term glucocorticoid therapy: a nationwide health insurance claims database study in Japan.  
**Bone** 166:116605,2023
  15. Yakabe M, Hosoi T, Sasakawa H, Akishita M, **Ogawa S**. Kampo formula Hochu-ekki-to (Bu-Zhong-Yi-Qi-Tang, TJ-41) ameliorates muscle atrophy by modulating atrogenes and AMPK in vivo and in vitro.  
**BMC Complement Med Ther.** 22:341,2022
  16. Hosoi T, Yamana H, Tamiya H, Matsui H, Fushimi K, Akishita M, Yasunaga H, **Ogawa S**. Association between comprehensive geriatric assessment and polypharmacy at discharge in patients with ischaemic stroke: a nationwide retrospective cohort study.  
**eClinicalMedicine** 50:101528,2022
  17. Iki M, Fujimori K, Nakatoh S, Tamaki J, Ishii S, Okimoto N, Kamiya K, **Ogawa S**. Delayed initiation of anti-osteoporosis medications increases subsequent hip and vertebral fractures in patients on long-term glucocorticoid therapy: a nationwide health insurance claims database study in Japan.  
**Bone** 160:116396,2022
  18. Iki M, Fujimori K, Nakatoh S, Tamaki J, Ishii S, Okimoto N, **Ogawa S**. Guideline adherence by physicians for management of glucocorticoid-induced osteoporosis in Japan: a nationwide health insurance claims database study.  
**Osteoporosis Int.** 33:1097-1108,2022

19. Tamiya H, Yasunaga H, Hosoi T, Yamana H, Matsui H, Fushimi K, Akishita M, **Ogawa S**. Association between protein intake and mortality in older patients receiving parenteral nutrition: a retrospective observational study.  
**Am J Clin Nutr.** 114:1907-1916,2021
20. Yakabe M, Hosoi T, Akishita M, **Ogawa S**. Updated concept of sarcopenia based on muscle-bone relationship.  
**J Bone Miner Metab.** 38:7-13,2020.
21. Hosoi T, Yamana H, Tamiya H, Matsui H, Fushimi K, Akishita M, Yasunaga H, **Ogawa S**. Association between comprehensive geriatric assessment and short-term outcomes among older adult patients with stroke: a nationwide retrospective cohort study using propensity score and instrumental variable methods.  
**eClinicalMedicine** 23:100411,2020