

## Curriculum Vitae

**Alexander J. Rodriguez**

Research Fellow  
Monash University, Australia



### ● Educational Background & Professional Experience

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| 2015–2018    | PhD (Monash University)                                   |
| 2018         | Visiting Research Fellow (University Of Southern Denmark) |
| 2019–Present | Research Fellow (Monash University)                       |
| 2019–2022    | MD (Griffith University)                                  |

### ● Research Interests

Alexander is a Research Fellow with the Bone & Muscle Research Group, Department of Medicine, Monash University (Melbourne, Australia). He completed a PhD in 2018 under the Supervision of Professor Peter Ebeling AO exploring the links between osteoporosis, sarcopenia and aortic calcification. His research focuses on understanding the cardiovascular effects of osteoporosis medications and on the relationships between the skeleton with the heart and vessels. He is interested in the statistical techniques of meta-analysis and large cohort studies. Alexander hopes to build a career as a clinician-academic in endocrinology with a specific focus on treating diseases of bone and mineral metabolism.

### ● Publications

- Rodriguez AJ, Abrahamsen B. “Cardiovascular safety of anti-fracture medications in patients with osteoporosis: a narrative review of evidence from randomised studies” *JBMR Plus* (2021) e10522. doi:10.1002/jbm4.10522.
- Gebre, A. K., Sim, M., Rodríguez, A. J. et al. “Abdominal aortic calcification is associated with a higher risk of injurious fall-related hospitalizations in older Australian women”. *Atherosclerosis* (2021); published online May 11. doi: 10.1016/j.atherosclerosis.2021.05.003.
- Rodríguez AJ, Ernst MT, Nybo M, et al. “Oral bisphosphonate use reduces cardiovascular events in a cohort of Danish patients referred for bone mineral density”. *J Clin Endocrinol Metab* (2020); published online July 27. DOI:10.1210/clinem/dgaa481.
- Seeto AH, Abrahamsen B, Ebeling PR, Rodríguez AJ. “Cardiovascular safety of denosumab across multiple indications: a systematic review and meta-analysis of randomized trials” *J Bone Miner Res* (2020) DOI:10.1002/JBMR.4157.
- Rodríguez AJ, Scott D, Khan B, et al “High calcium intake in men not women is associated with all-cause mortality risk: Melbourne Collaborative Cohort Study.” *Arch Osteoporos* (2018) 13:101. doi: 10.1007/s11657-018-0518-5.