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## Encouraging More Youthful Mechanics and Energetics of Locomotion through Intervention for Older Adults

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Deadline for manuscript submissions:

**closed (15 December 2023)**

### Message from the Guest Editors

This Special Issue is interested in succinct perspectives or reviews (by invitation) or original research articles focusing on:

- Interventions designed to rejuvenate the mechanics and energetics of locomotion in older adults in enduring ways, including, but not limited to, endurance activities, strength or power training, perturbation training, footwear modifications, and/or assistive robotic technologies;
- Confounders and comorbidities that could influence the efficacy of intervention prescription to rejuvenate the mechanics and energetics of walking in older adults, including but not limited to pain, stiffness, fatigability, movement variability, pathology, and neuropsychological factors of aging, such as self-efficacy and kinesiophobia;
- Innovative experimental approaches to probe mechanisms or pathways for restoration of mechanics and energetics of locomotion in older adults;
- Modeling and simulation approaches to accelerate throughput in the design and evaluation of interventions to rejuvenate the mechanics and energetics of walking in older adults.



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# Special Issue