Editorial: Three Years of Journal of Cognitive Enhancement

Lorenza S. Colzato¹

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The third year of Journal of Cognitive Enhancement (2019) included a broad overview of theory-driven cognitive enhancing articles ranging from cognitive training for military application (Blacker et al. 2019), a new perspective suggesting that embodied cognition represents a productive framework to explain results and to inform new studies aimed at enhancing cognition (Zona et al., 2019), the enhancing effects of dancing on cognition in aging (Predovan et al., 2019), the drawbacks of meditation practice (Anderson et al., 2019), and the potential negative effects of brain stimulation for cognitive enhancement (Krause et al., 2019).

Of exceptional interest is the consensus article by Shawn Green et al. (2019) about how to augment methodological standards in behavioral interventions for cognitive enhancement. This consensus article represents the collaborative effort of 48 distinguished experts with the aim to find a shared consensus regarding the best methodological practices in the field of cognitive enhancement. The point of view of this consensus paper is unique because it starts from the standpoint that, in this field, there are many types of studies (feasibility, mechanistic, efficacy, and effectiveness) that have fundamentally different goals which clearly require different best-practice methods. This consensus article makes clear suggestions regarding the design and implementation of control groups and how to report results taking the viewpoint that the best practices are not necessarily uniform across all study types.

Along the lines of 2019, we will keep looking for interesting special issues, please let us know about any thoughts you might have on these topics.

Let me conclude by thanking all our loyal readers and authors and, of course, all our enthusiastic reviewers, who are so essential for maintaining the journal's high quality.

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✉ Lorenza S. Colzato
Lorenza.Colzato@uniklinikum-dresden.de

¹ Department of Child and Adolescent Psychiatry, Faculty of Medicine, TU Dresden, Dresden, Germany