

## Dr. Phil. DARIO BARETTA

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### PUBLICATIONS

Pre-print, submitted  
for publication

**Baretta, D.**, & Inauen, J. (2023, March 1). Implications of the COVID-19 trajectory for the evaluation of hand hygiene interventions: Secondary analysis of the Soapp trial. Retrieved from psyarxiv.com/4q9z5

Peer-reviewed,  
Published  
\*Shared first  
authorship

**Baretta, D.**, Amrein, M. A., Bäder, C., Ruschetti, G. G., Rüttimann, C., Carral, M. D. R., Fabian, C., & Inauen, J. (2023). Promoting Hand Hygiene During the COVID-19 Pandemic: Parallel Randomized Trial for the Optimization of the Soapp App. *JMIR MHealth and UHealth*, 11(1), e43241. doi: 10.2196/43241.

**Baretta, D.**, Koch, S., Cobo, I., Castañó-Vinyals, G., de Cid, R., Carreras, A., Buekers, J., Garcia-Aymerich, J., Inauen, J., & Chevance, G. (2023). Resilience characterized and quantified from physical activity data: A tutorial in *R*. *Psychology of Sport and Exercise*, 65, 102361. doi: 10.1016/j.psychsport.2022.102361.

Chevance, G., **Baretta, D.**, Romain, A. J., Godino, J. G., & Bernard, P. (2022). Day-to-day associations between sleep and physical activity: A set of person-specific analyses in adults with overweight and obesity. *Journal of Behavioral Medicine*, 45(1), 14– 27. doi: 10.1007/s10865-021-00254-6.

Chevance, G., **Baretta, D.**, Heino, M., Perski, O., Olthof, M., Klasnja, P., ... & Godino, J. (2021) Characterizing and predicting person-specific, day-to-day, fluctuations in walking behavior. *PLoS ONE* 16(5): e0251659. doi: 10.1371/journal.pone.0251659.

Chevance, G.\*, **Baretta, D.\***, Golaszewski, N., Takemoto, M., Shrestha, S., Jain, S., Rivera, D. E., Klasnja, P., & Hekler, E. (2021). Goal setting and achievement for walking: A series of N-of-1 digital interventions. *Health Psychology*, 40(1), 30–39. doi: 10.1037/hea0001044.

D'Addario, M., **Baretta, D.**, Zanatta, F., Greco, A., & Steca, P. (2020). Engagement Features in Physical Activity Smartphone Apps: Focus Group Study with Sedentary People. *JMIR mHealth uHealth*, 8(11), e20460. doi: 10.2196/20460.

Chevance, G., Golaszewski, N. M., **Baretta, D.**, Hekler, E. B., Larsen, B. A., Patrick, K., & Godino, J. (2020). Modelling multiple health behavior change with network analyses: results from a one-year study conducted among overweight and obese adults. *Journal of Behavioral Medicine*, 1-8. doi: 10.1007/s10865-020-00137-2.

**Baretta, D.\***, Bondaronek, P.\*, Direito, A., & Steca, P. (2019). Implementation of the goal-setting components in popular physical activity apps: Review and content analysis. *Digital Health*, 5, 2055207619862706. doi: 10.1177/2055207619862706.

**Baretta, D.**, Sartori, F., Greco, A., D'Addario, M., Melen, R., & Steca, P. (2019). Improving Physical Activity mHealth Interventions: Development of a Computational Model of Self-Efficacy Theory to Define Adaptive Goals for

Exercise Promotion. *Advances in Human-Computer Interaction*, 2019. Doi: 10.1155/2019/3068748.

**Baretta, D.**, Perski, O., & Steca, P. (2019). Exploring Users' Experiences of the Uptake and Adoption of Physical Activity Apps: Longitudinal Qualitative Study. *JMIR mHealth and uHealth*, 7(2), e11636. doi: 10.2196/11636.

Perski, O., **Baretta, D.**, Blandford, A., West, R., & Michie, S. (2018). Engagement features judged by excessive drinkers as most important to include in smartphone applications for alcohol reduction: A mixed-methods study. *Digital Health*, 4. Doi: 10.1177/2055207618785841.

Steca, P., **Baretta, D.**, Greco, A., D'Addario, M., & Monzani, D. (2018). Associations between personality, sports participation and athletic success. A comparison of Big Five in sporting and non-sporting adults. *Personality and Individual Differences*, 121C, 176-183. doi: 10.1016/j.paid.2017.09.040.

**Baretta, D.**, Greco, A., & Steca, P. (2017). Understanding performance in risky sport: The role of self-efficacy beliefs and sensation seeking in competitive freediving. *Personality and Individual Differences*, 117, 161-165. doi: 10.1016/j.paid.2017.06.006.

**Baretta, D.**, Sartori, F., Greco, A., Melen, R., Stella, F., Bollini, L., et al. (2016). Wearable devices and AI techniques integration to promote physical activity. In *Proceedings of the 18th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct* (pp. 1105-1108). ACM. doi: 10.1145/2957265.2965011.

Greco, A., Sala, M., Pancani, L., **Baretta, D.**, D'Addario, M., Petruzzo, A., et al. (2016). The Caregiver Burden Inventory in evaluating the burden of heart failure patients' caregivers: a multicenter study. *European Journal of Heart Failure*, 18 (Supp. 1), 314-314. doi: 10.1002/ejhf.539.

Theses

**Baretta, D.** (2018). From sport performance to digital health: Understanding key psychological variables for developing a physical activity app. (Unpublished doctoral thesis). Department of Psychology, University of Milano-Bicocca, Milano, Italy.

Oral presentations as first author

**Baretta, D.**, Koch, S., Cobo, I., Castañó-Vinyals, G., de Cid, R., Carreras, A., Buekers, J., Garcia-Aymerich, J., Inauen, J., & Chevance, G. (2023). Resilience characterized and quantified from physical activity data: A tutorial in R. Paper presented at the 4th SGS Conference, 15-16 February 2023, Bern, Switzerland.

**Baretta, D.**, Amrein M. A., Rüttimann C., Bäder C., Ruschetti G. G., Del Rio Carral M., Fabian C, & Inauen J. (2022). Behavior change intervention in the context of the COVID-19 pandemic: Results from the optimization phase of the Soapp app. Paper presented at the 17th conference of the Swiss Psychological Society, 4-6 September 2022, Zurich, Switzerland.

**Baretta, D.** & Inauen, J. (2022). Pandemic trajectory and hand hygiene interventions: results from the secondary analysis of the Soapp trial. Paper

presented at the 36th conference of the European Health Psychology Society, 23-27 August, 2022, Bratislava, Slovakia.

**Baretta, D.**, Sartori, F., Greco, A., Melen, R., Stella, F., Bollini, L., et al. (2016). Wearable devices and AI techniques integration to promote physical activity. Paper presented at the 18th International Conference on Human-Computer Interaction with Mobile Devices and Services, 06-09 September, 2016, Florence, Italy.

Poster presentations  
as first author

**Baretta, D.**, Greco, A., Monzani, D., D'Addario, M., & Steca, P. (2016). Does personality matter for physical activity and sport involvement? Poster presented at the 30th conference of the European Health Psychology Society, 23-27 August, 2016, Aberdeen, Scotland