

# Are executive functions immutable?

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## ABSTRACT

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This project questions assumptions and hypotheses about the relations that hold among behavior, cognition, and the brain. In so doing, it will increase the possibility of understanding how the three interconnect. The hypothesis is that executive functions and higher-order cognitive functions are used to develop skills but are not themselves affected by skill development.



**Paris IAS Ideas**

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**Friday October 6, 2023**  
9:00 am New York | 2:00 pm London |  
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9:00 pm Beijing | 10:00 pm Tokyo  
**Online on Zoom**

**Please register here in advance to receive a Zoom link:**  
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## Bibliography

Ezrina, E. V., & Valian, V. (2022). *Do bilinguals get the joke? Humor comprehension in mono- and bilinguals*. Language.

Sekerina, I. A., Spradlin, L., & Valian, V. V. (2019). *Bilingualism, executive function, and beyond: Questions and insights, SiBiL Series* (Editors., Ed.). John Benjamins.

Stewart, A., & Valian, V. (2018). *An inclusive academy: Achieving diversity and excellence* (528 pages). MIT Press. Multiple printings.(Paperback.

*Latest Publications.* (n.d.).

Valian, V. (1998). *Why so slow? The advancement of women* (421 pages). MIT Press.

Valian, V. (2015). Bilingualism and cognition. *Bilingualism: Language and Cognition*, 18(01), 3–24.

Xu, Q., Chodorow, M., & Valian, V. (2023). How infants' utterances grow: A probabilistic account of early language development. *Cognition*, 230.