



Population Neuroscience

By Tomas Paus

Springer-Verlag Gmbh Apr 2013, 2013. Buch. Condition: Neu. Neuware - Is Newton's brain different from Rembrandt's Does a mother's diet during pregnancy impact brain growth Do adolescent peers leave a signature in the social brain Does the way we live in our middle years affect how our brains age To answer these and many other questions, we can now turn to population neuroscience. Population neuroscience endeavors to identify environmental and genetic factors that shape the function and structure of the human brain; it uses the tools and knowledge of genetics (and the 'omics' sciences), epidemiology and neuroscience. This text attempts to provide a bridge spanning these three disciplines so that their practitioners can communicate easily with each other when working together on large-scale imaging studies of the developing, mature and aging brain. By understanding the processes driving variations in brain function and structure across individuals, we will also be able to predict an individual's risk of (or resilience against) developing a brain disorder. In the long term, the hope is that population neuroscience will lay the foundation for personalized preventive medicine and, in turn, reduce the burden associated with complex, chronic disorders of brain and body. 184 pp. Englisch.



[READ ONLINE](#)
[2.82 MB]

Reviews

This ebook might be worthy of a read, and far better than other. it was writtern really flawlessly and useful. I found out this pdf from my i and dad recommended this ebook to learn.

-- **Prof. Ruben D'Amore PhD**

The ebook is simple in go through safer to understand. I could possibly comprehended every thing out of this composed e pdf. Its been designed in an exceptionally basic way in fact it is only soon after i finished reading this pdf by which actually altered me, modify the way i really believe.

-- **Ms. Kellie O'Hara I**