The normal ageing process is associated with reduced performance on cognitive tasks that require quickly processing or transforming information to make a decision, including measures of speed of processing, executive cognitive function and working and relational memories.

This course will cover the fundamentals of cognitive aging -including inter-individual differences, cognitive and brain reserve and risk factors- and highlight the newest functional imaging methods to study human brain function. Participants will learn the potential and limitations of these methods, through practical experience in a combination of lectures addressing ageing in both humans and animal models.