



ANNONCE DE CONFERENCE

Le Professeur Naftali RAZ

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donnera une conférence

Differential Aging of the Brain: Course, Modifiers and Correlates.

Le lundi 24 octobre à 12h15

Uni-Mail, Salle MS130

Abstract:

Aging is not a uniform process and its course is marked by individual differences and differential vulnerability of cognitive operations and their neural substrates. In this presentation, I will summarize the extant findings on age-related differences and changes in brain structure from the postmortem and in vivo studies, cross-sectional and longitudinal. I will discuss the functional and metabolic correlates and implications of age-related alterations in brain structure as well as the putative links between differential brain aging and the pattern of cognitive decline and stability. Finally, I will review the evidence of positive and negative modification of .normal. aging trajectories. Specifically, I will discuss how vascular risk factors, sex hormones, and aerobic fitness may affect brain aging and its cognitive expressions.

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