



AVVISO DI SEMINARIO



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12:00



Aula C (CU010)

Dipartimento di Scienze Biochimiche

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Metabolic Paths to Neurodegeneration: *Biochemistry* holds the Key

Abstract. In recent years, it has become evident that metabolic alterations strongly influence the instigation and progression of many neurodegenerative disorders. Decreases in the functionality of several energy metabolism-related pathways in brain cells including glucose transport, mitochondrial electron transport, DNA repair, and neurotrophic factor signaling occur during normal aging and are further exacerbated in disorders such as Alzheimer's (AD), amyotrophic lateral sclerosis (ALS), Parkinson's (PD), and Huntington's (HD) diseases.

Detailed knowledge of biochemical mechanisms that regulate cellular metabolism and signaling is central to understand how metabolic defects translate into a pathological phenotype.



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