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## Molecular biology of Intracranial Aneurysms and their clinical implications

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Intracranial aneurysms are a common lesion ranging from 1% to 5% and a major cause of subarachnoid hemorrhage with high rates of morbidity and mortality. With this catastrophic scenario, efforts must be directed to improve diagnosis and treatment. Molecular biology of Intracranial Aneurysms advanced a lot in the last years, improving our understand of their etiology, natural history, and specially, potential targets to be explored in prevention and treatment. In this study, we briefly review molecular biology of intracranial aneurysms and

their potential clinical implications.

### Speaker Biography

José Carlos Rodrigues Junior made his medical degree at Jundiaí Medical School in 2001 and complete neurosurgery residence in 2006 at Heliópolis Hospital, São Paulo, Brazil. Today, he is Head of Service of Neurosurgery coordinating residence program in Neurosurgery and the Vascular Neurosurgery Department at Heliópolis Hospital. Member of the Brazilian Neurosurgery Society, WFNS and Flanc.

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