

## Regular Wednesday IMG seminar



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**Laboratory of RNA Biology**

**“Quality control in snRNP biogenesis”**

Before being assembled into spliceosomes, small nuclear ribonucleoprotein particles (snRNPs) undergo a complex and regulated maturation pathway. Cajal bodies (CBs) have been shown to monitor the final stage of this process by sequestering immature or misassembled particles through a yet unknown quality control mechanism. Here, we have identified coilin, a CB marker protein, as the quality control factor. We further characterize coilin domains interacting with snRNPs and elucidate the molecular mechanism how coilin recognize immature snRNPs.

**The seminar will be held**

**on Wednesday 11<sup>th</sup> December 2024 at 15:00**

**in the Milan Hašek Auditorium at IMG**

(Institute of Molecular Genetics of the Czech Academy of Sciences, Vídeňská 1083, Prague 4)

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