

Regular Wednesday IMG seminar



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Laboratory of Transcriptional Regulation

“Analysis of a novel chicken Pax6 mutant”

Pax6 is known as the "master control gene" for eye formation, playing a crucial role in the development of the lens, retina, and other ocular structures. It drives the formation of the eye field, initiates lens differentiation, and helps establish the retina—all vital for vision.

While the role of *Pax6* in eye development is well-studied in other species, there has been little research on *Pax6* in chickens specifically. This gap in knowledge presents an exciting opportunity to understand how the mutation of *Pax6* impacts eye formation in birds.

In this seminar we'll explore the role of the *Pax6* transcription factor in chicken eye development and this could provide valuable insights into vertebrate eye development.

The seminar will be held

on Wednesday 9th April 2025 at 15:00

in the Milan Hašek Auditorium at IMG

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