
Tomáš Venit

Mgr. Tomáš Venit, Ph.D.

Deputy head of the Laboratory of Biology of the Cell Nucleus, Research Scientist at Institute of Molecular Genetics, Czech Academy of Sciences

Expertise and focus:	DNA transcription, DNA damage, cell metabolism, molecular biology, microscopy, RNA sequencing, molecular motors, actin cytoskeleton, cell nucleus
Form of mentoring meetings:	Either way, online or offline
Has an experience in:	Academic career
	Link to CV
Previous mentoring experience:	During my time at New York University in Abu Dhabi (NYUAD), United Arab Emirates, I guided several Master's and PhD students. I am currently leading research projects in the Laboratory of Biology of the Cell Nucleus. Additionally, I served as a scientific consultant for bioengineering students and was a member of capstone committees, supporting students in their projects
Motivation:	I believe this can be mutually beneficial: for me, it offers the opportunity to meet prospective future scientists who may become collaborators, and for students, a chance to explore and discuss advancements and prospects in biology that were either impossible or much more challenging when I was a student. It also serves as valuable training for me, as it encourages me to step outside my comfort zone and engage in discussions about projects beyond my own.
Career guidance topics you can discuss with the mentor:	<ul style="list-style-type: none">• Creating a career plan, strategy• Identifying and utilizing one's skill set• Career change, change of field• Asking essential life questions• Differences between academic and non-academic careers
Research related experience the mentor is ready to share with the mentee:	<ul style="list-style-type: none">• Preparation of scientific publications - how to do it correctly, efficiently, and with quality• Grant writing process, grant application consultation• Management of science and research in an academic institution• Consultation on preparation for a job interview• Networking - introducing people in the field• Participating in events together with a mentee (conferences, symposia, fairs, etc.)• Path to an academic position abroad• Project management• Navigating the job market in the sector I operate in

