

2022 MU VRSP mentor profile form

Mentor	Yuksel Agca
Departmental bio web page.	http://vpbio.missouri.edu/faculty/Yuksel_Agca.html
Other relevant web pages, as applicable. E.g., lab group/personal web page, Google Scholar/ORCID profiles, others	https://scholar.google.com/citations?user=On13jroAAA&hl=en (Google Scholar)
Research interests.	Cellular and molecular reproduction, reproductive cryobiology and transgenics.
Active projects.	Mouse sperm and embryo freezing, oocyte freezing, superovulation, low temperature storage and transportation conditions of germplasm.
Research team. E.g., graduate students, post docs, technicians, other scholars	Dr. Cansu Agca Currently collaborating with Dr. Rene Cortes at the School of Medicine
About you... Education/training Personal information, as interested - e.g., hobbies, etc.	- D.V.M., Ankara University, Turkey - M.S., University of Wisconsin-Madison - Ph.D., Purdue University-West Lafayette - Post-doc, Indiana University School of Medicine Spend my free time listening to classical music and playing acoustic guitar and hiking.

Mentor Profile

I am available to mentor students in career and life decisions, even if they do not choose research.

Very Untrue 1 --- 2 --- 3 --- 4 - - 5 Very True

My students are/can be involved in the creation/development of their projects.

Very Untrue 1 --- 2 --- 3 --- 4 - - 5 Very True

I expect students to contribute to manuscripts/publications.

Very Untrue 1 --- 2 --- 3 --- 4 - - 5 Very True

Students have the option to continue to work on this project.

Very Untrue 1 --- 2 --- 3 - - 4 --- 5 Very True

My students often work closely with a research team, e.g., lab tech or other students.

Very Untrue 1 --- 2 --- 3 - - 4 --- 5 Very True

I frequently touch base with my research team—e.g., students, technicians, etc.

Very Untrue **1** --- 2 --- 3 --- 4 - - 5 Very True

My mentoring style is very hands off.

Very Untrue **1** --- 2 - - 3 --- 4 --- 5 Very True

Current/active project profile & timeline, including clinical vs. basic science.	Rodent modeling of human disease, infertility with the focus of basic and clinical applications.
Lab structure, if applicable.	My lab is structured to perform basic and practical research involving rodent reproductive biology and cryobiology focusing in-vitro fertilization and early embryonic development.
What does a typical day of research look like for VRSP scholars?	Bench and animal work, thinking, reading lab protocols and relevant research papers about the ongoing project
What does engagement look like for your lab/project?	Ownership to the project, curiosity, not being afraid of making mistakes, develop alternative strategies and provide different perspectives to the project.