

2022 MU VRSP mentor profile form

<b>Mentor</b>	<b>Rajiv R. Mohan, PhD, FARVO</b>
<b>Departmental bio web page.</b>	<a href="https://medicine.missouri.edu/faculty/rajiv-r-mohan-phd">https://medicine.missouri.edu/faculty/rajiv-r-mohan-phd</a>
<b>Other relevant web pages, as applicable.</b> E.g., lab group/personal web page, Google Scholar/ORCiD profiles, others	<a href="https://scholar.google.com/citations?hl=en&amp;user=SoTim6AAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=SoTim6AAAAAJ</a>
<b>Research interests.</b>	Ocular gene therapy, corneal nanomedicine, corneal wound healing, refractive laser surgery, keratoconus, ocular CounterACT (against chemical threat) research, glaucoma bleb fibrosis, and corneal neovascularization
<b>Active projects.</b>	Multiple on studying mechanisms associated with corneal wound healing and fibrosis development following mustard gas, hydrogen sulfide, chlorine, and pesticide exposure and explosive-blast injury to eye/cornea. Development of novel eyedrops and gene-based therapies for preventing and treating vision loss
<b>Research team.</b> E.g., graduate students, post docs, technicians, other scholars	Suneel Gupta, PhD, Research Assistant Professor, Ratnakar Tripathi, PhD, Research Assistant Professor, Praveen Balne, PhD, Research Assistant Professor, Lynn Martin, DVM, doctoral student, Nishant Sinha, PhD, postdoc, Prashant Sinha, Senior Research Specialist, and many ophthalmology residents, medical, veterinary and undergrad students.
<b>About you...</b> Education/training Personal information, as interested—e.g., hobbies, etc.	
<b>Mentor Profile</b>	
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	

<p>I frequently touch base with my research team—e.g., students, technicians, etc.</p> <p>Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True</p>	
<p>My mentoring style is very hands off.</p> <p>Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True</p>	
<p>Current/active project profile &amp; timeline, including clinical vs. basic science.</p>	<p>Refer above listed websites and NIH eReporter</p>
<p>Lab structure, if applicable.</p>	<p>E105, E157, E120, W188 and W192B</p>
<p>What does a typical day of research look like for VRSP scholars?</p>	<p>Gathering literature and reading project relevant papers, comprehending concepts, running wet lab experiments, analyzing data, recording results, and preparing and presenting summaries during weekly lab meeting and local/national scientific meetings and conferences.</p>
<p>What does engagement look like for your lab/project?</p>	<p>I encourage creative thinking and testing of newer ideas preventing/treating blindness and improving vision. I welcome and appreciate new ideas and perspectives to further advance our eye research program and collaboration.</p>