






2022 MU VRSP mentor profile form

Mentor	Sehwon Koh
Departmental bio web page.	http://www.vms.missouri.edu/faculty.html
Other relevant web pages, as applicable. E.g., lab group/personal web page, Google Scholar/ORCID profiles, others	http://kohlab.missouri.edu/
Research interests.	Neurobiology, Neuron-glia interaction, Synapse development, Neurological disorders
Active projects.	<ol style="list-style-type: none"> 1. Role of glia in neurodegeneration 2. Establishment of proteomic profiling involved in neuron-glia interaction 3. Identification of peripheral biomarkers in the dogs with spinal cord injury.
Research team. E.g., graduate students, post docs, technicians, other scholars	Prospective scholars will be closely working with the PI (Sehwon Koh) and a research technician (Katherine Rodriguez), collaborating with Drs. Ji-hey Lim and Joan Coates.
About you... Education/training Personal information, as interested—e.g., hobbies, etc.	<p>BS: Seoul National University (Animal Science), Republic of Korea</p> <p>MS: Purdue University (Animal Science, Prof. Zoltan Machaty)</p> <p>PhD: North Carolina State University (Functional Genomics, Prof. Jorge A. Piedrahita)</p> <p>Postdoc: Duke University (Neuroscience, Prof. Cagla Eroglu)</p> <p>We are always looking for motivated researchers. I have a 2 yrs old very very active Siamese mix cat, and I enjoy playing with him.</p>
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 ---  Very True	
My students are/can be involved in the creation/development of their projects.	
Very Untrue 1 --- 2 --- 3 --- 4 ---  Very True	
I expect students to contribute to manuscripts/publications.	
Very Untrue 1 ---  --- 3 --- 4 --- 5 Very True	
Students have the option to continue to work on this project.	
Very Untrue 1 --- 2 --- 3 --- 4 ---  Very True	
My students often work closely with a research team, e.g., lab tech or other students.	
Very Untrue 1 --- 2 --- 3 --- 4 ---  Very True	

<p>I frequently touch base with my research team—e.g., students, technicians, etc.</p> <p>Very Untrue 1 --- 2 --- 3 --- 4 ---★ Very True</p>	
<p>My mentoring style is very hands off.</p> <p>Very Untrue 1 ---★--- 3 --- 4 --- 5 Very True</p>	
<p>Current/active project profile & timeline, including clinical vs. basic science.</p>	<p>There are multiple basic neuroscience research projects (projects #1-#3) described above that requires wet bench works and computational analyses. If the scholar is interested, specific project and timeline will be discussed.</p>
<p>Lab structure, if applicable.</p>	<p>N/A</p>
<p>What does a typical day of research look like for VRSP scholars?</p>	<p>Lots of reading and discussion regarding experimental planning and results followed by, Wet bench research such as cell culture, molecular biology, immunohistochemistry and microscopy. Or Computational analyses such as sequencing profile analyses and image analyses.</p>
<p>What does engagement look like for your lab/project?</p>	<p>Every research begins with asking a question. I would encourage scholars to ask more questions to be actively involved in a project.</p>