

Learn about the brain under microscope, not just on paper

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Abstract:

With the introduction of the new Bioengineering program in CityU, students are being exposed to the interdisciplinary education of both engineering and biomedical science. To stimulate students' interest in this new interdisciplinary program as well as to ease the understanding in such mixed content of courses, hand-on experience with real visualization of the course material will be very helpful. In this proposal, we aim to design laboratory practical materials for neuroscience related courses offered by the Bioengineering program (under development) or other relevant courses offered by CSE to undergraduate students.