

Teaching biochemical pathways can be extremely challenging. Students always encounter difficulties in understanding abstract metabolic pathways as well as their integration. This interactive courseware aims at arousing students' interest in exploring human metabolic pathways and enable them to understand the linkages between different pathways.

In this project, fragmented concepts are integrated and presented as a metro map (concept map). Key molecules involved in the pathways are presented as "railway stations". Students can easily identify common "railway stations" present in different pathways and link the concepts that they have learnt in class together. Students can begin their journey by selecting different "railway lines" (metabolic routes). We have used new features like manga and mini-exercise to present abstract concepts in an easy-to-understand and interactive manner. This interactive self-learning tool will be packaged as a courseware using the Articulate Storyline eLearning authoring software.