In fiscal year 2004, the US National Institute of Health launched the NIH Roadmap which aimed at “New Pathways to Discovery”, “Research Teams of the Future”, and “Reengineering the Clinical Research Enterprise”, opening a new era for translational biomedical research. The goal of this course is to introduce students to fundamental knowledge and technological approaches for translating biomedical research into clinically applicable therapies. The course will start with an introduction of effective scientific communication covering oral presentation and proposal writing, followed with lectures by the faculty experienced in translational research. Students will be evaluated by class participation (60%) and final proposal (40%).

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