

科目ナンバリング		G-LAS00 80007 LE20					
授業科目名 <英訳>	Research Ethics and Integrity (Life Science) Research Ethics and Integrity (Life Science)			担当者所属 職名・氏名	化学研究所 講師 MURDEY, Richard James		
群	大学院共通科目群		分野(分類)	社会適合		使用言語	英語
旧群		単位数	0.5単位	時間数	7.5時間	授業形態	講義(メディア授業科目)
開講年度・ 開講期	2025・ 前期集中		曜時限	集中 5月31日、6月7日、 14日(各日9時-12時)	配当学年	大学院生	対象学生 理系向
[授業の概要・目的]							
<p>This course guides graduate students on how to act responsibly when performing, presenting, and publishing scientific research. Topics include, data sharing, authorship, misconduct, and the protection of human and animal test subjects. The proper use of research funds is also covered. Representative case studies covering issues in ethics and research integrity are presented and discussed. Lectures are complemented by additional group work and in-class discussion.</p> <p>This course guides graduate students on how to act responsibly when performing, presenting, and publishing scientific research. Topics include data sharing, authorship, intellectual property, conflicts of interest, scientific misconduct, and the protection of human and animal test subjects. Representative case studies covering issues in ethics and research integrity are presented and discussed. The lectures are complemented by additional group work and in-class discussion.</p>							
[到達目標]							
Over three lectures, graduate students will learn how to make responsible decisions as a researcher working in the field of life science. An e-learning course on research ethics and research integrity will check your understanding.							
[授業計画と内容]							
<p>Lecture 1 (3h) Data Handling and Management Collaboration and Authorship Publications and Peer Review</p> <p>Lecture 2 (3h) Scientific Misconduct Human and Animal Testing Ethical Implications of Genetic Testing</p> <p>Lecture 3 (1.5h) Conflicts of Interest The Scientist in Society</p>							
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Research Ethics and Integrity (Life Science)(2)

【履修要件】

特になし

【成績評価の方法・観点】

Evaluation is based on attendance and participation. At the end of the course, students must complete the Japan Society for the Promotion of Science e-learning course, " e-Learning Course on Research Ethics ".

* Students have to take the e-Learning course offered by JSPS (Japan Society for Promotion of Science). Association for the Promotion of Research Integrity (APRIN) e-learning courses are NOT available.

【教科書】

使用しない

【参考書等】

(参考書)

Shamoo, Adil E., and David B. Resnik 『Responsible conduct of research』 (Oxford University Press) ISBN:978-0195368246

『科学の健全な発展のために 誠実な科学者の心得 』 (日本学術振興会) ISBN:978-4621089149 (<https://www.jsps.go.jp/j-kousei/data/rinri.pdf>)

池内了 訳 『科学者をめざす君たちへ 研究者の責任ある行動とは』 (化学同人) ISBN:978-4759814286

神里彩子、武藤香織 『医学・生命科学の研究倫理ハンドブック』 (東京大学出版会) ISBN:978-4130624138

(関連URL)

<https://www.jsps.go.jp/english/e-kousei/index.html>(JSPS Research Integrity)

<https://ori.hhs.gov/>(The Office of Research Integrity)

【授業外学修 (予習・復習) 等】

Participation in the "e-Learning Course on Research Ethics" from the Japan Society for the Promotion of Science (JSPS)

【その他 (オフィスアワー等) 】

【 This course is held online (メディア授業科目) 】