Announcement of Faculty Recruitment for the Advanced Drug Discovery Research Project (Tenure-Track Faculty) at Graduate School of Pharmaceutical Sciences, Kyoto University

Job Title	Associate or Junior Associate Professor (Tenure Track)
Number of Open	One
Positions	
Work Location	Advanced Drug Discovery Research Project at the Graduate School of Pharmaceutical Sciences, Kyoto University 46-29 Yoshidashimoadachi-cho, Sakyo-ku, Kyoto 606-8501, Japan (At home or other designated location when remote work is permitted or mandated by the university)
Job Description	 Responsible for teaching English-based liberal arts and sciences subjects* (E2 subjects) at the Institute for Liberal Arts and Sciences**, Kyoto University. Current courses include "Introduction to Molecular Cell Biology," "Basic Biology and Metabolism," and "Introduction to Biosciences." However, these courses can be changed to data science subjects for first-year students or similar topics.
	 Responsible for teaching the English course "Theory and Practice in Scientific Writing and Discussion (Pharmaceutical Sciences, English) A" (E3 subject) at the Institute for Liberal Arts and Sciences, Kyoto University.
	3) Engaged in administrative and management duties at both the Graduate School of Pharmaceutical Sciences and the Institute for Liberal Arts and Sciences, Kyoto University.
	4) Other duties as deemed necessary by the head of the School and the Institute.
	* https://www.z.k.kyoto-u.ac.jp/introduction/la-english
	** https://www.z.k.kyoto-u.ac.jp/
Qualifications	** https://www.z.k.kyoto-u.ac.jp/1) Must hold foreign nationality.
Qualifications	 ** https://www.z.k.kyoto-u.ac.jp/ 1) Must hold foreign nationality. 2) Must hold a doctoral degree or Ph.D.
Qualifications	 ** https://www.z.k.kyoto-u.ac.jp/ 1) Must hold foreign nationality. 2) Must hold a doctoral degree or Ph.D. 3) Must have a passion for engaging in the duties listed in the "Job Description" section.
Qualifications	 ** https://www.z.k.kyoto-u.ac.jp/ 1) Must hold foreign nationality. 2) Must hold a doctoral degree or Ph.D. 3) Must have a passion for engaging in the duties listed in the "Job Description" section. 4) Must be able to actively collaborate with faculty and staff in educational and other activities.
Qualifications	 ** https://www.z.k.kyoto-u.ac.jp/ 1) Must hold foreign nationality. 2) Must hold a doctoral degree or Ph.D. 3) Must have a passion for engaging in the duties listed in the "Job Description" section. 4) Must be able to actively collaborate with faculty and staff in educational and other activities. 5) Must either have sufficient Japanese language proficiency to perform the "Job Description" duties or have obtained prior consent for support from a faculty member at the Graduate School of Pharmaceutical Sciences who can serve as a mentor.
Qualifications Employment Period	 ** https://www.z.k.kyoto-u.ac.jp/ 1) Must hold foreign nationality. 2) Must hold a doctoral degree or Ph.D. 3) Must have a passion for engaging in the duties listed in the "Job Description" section. 4) Must be able to actively collaborate with faculty and staff in educational and other activities. 5) Must either have sufficient Japanese language proficiency to perform the "Job Description" duties or have obtained prior consent for support from a faculty member at the Graduate School of Pharmaceutical Sciences who can serve as a mentor. The term of employment is three years (two years if reappointed, with a limit of one reappointment). During the term or reappointment, tenure review can be requested, and if successful, the position will become tenured without a fixed term. Expected start date: February 1, 2025, or as soon as possible thereafter.
Qualifications Qualifications Employment Period Probation Period	 ** https://www.z.k.kyoto-u.ac.jp/ 1) Must hold foreign nationality. 2) Must hold a doctoral degree or Ph.D. 3) Must have a passion for engaging in the duties listed in the "Job Description" section. 4) Must be able to actively collaborate with faculty and staff in educational and other activities. 5) Must either have sufficient Japanese language proficiency to perform the "Job Description" duties or have obtained prior consent for support from a faculty member at the Graduate School of Pharmaceutical Sciences who can serve as a mentor. The term of employment is three years (two years if reappointed, with a limit of one reappointment). During the term or reappointment, tenure review can be requested, and if successful, the position will become tenured without a fixed term. Expected start date: February 1, 2025, or as soon as possible thereafter. In place (6 months)
Qualifications Qualifications Employment Period Probation Period Working Conditions	 ** https://www.z.k.kyoto-u.ac.jp/ 1) Must hold foreign nationality. 2) Must hold a doctoral degree or Ph.D. 3) Must have a passion for engaging in the duties listed in the "Job Description" section. 4) Must be able to actively collaborate with faculty and staff in educational and other activities. 5) Must either have sufficient Japanese language proficiency to perform the "Job Description" duties or have obtained prior consent for support from a faculty member at the Graduate School of Pharmaceutical Sciences who can serve as a mentor. The term of employment is three years (two years if reappointed, with a limit of one reappointment). During the term or reappointment, tenure review can be requested, and if successful, the position will become tenured without a fixed term. Expected start date: February 1, 2025, or as soon as possible thereafter. In place (6 months) Discretionary Labor System for Professional Work (Equivalent to 38 hours and 45 minutes per week, or 7 hours and 45 minutes per day) Holidays: Saturdays, Sundays, national holidays, year-end and New Year holidays, the university's foundation day, and summer vacation days.
Qualifications Qualifications	 ** https://www.z.k.kyoto-u.ac.jp/ 1) Must hold foreign nationality. 2) Must hold a doctoral degree or Ph.D. 3) Must have a passion for engaging in the duties listed in the "Job Description" section. 4) Must be able to actively collaborate with faculty and staff in educational and other activities. 5) Must either have sufficient Japanese language proficiency to perform the "Job Description" duties or have obtained prior consent for support from a faculty member at the Graduate School of Pharmaceutical Sciences who can serve as a mentor. The term of employment is three years (two years if reappointed, with a limit of one reappointment). During the term or reappointment, tenure review can be requested, and if successful, the position will become tenured without a fixed term. Expected start date: February 1, 2025, or as soon as possible thereafter. In place (6 months) Discretionary Labor System for Professional Work (Equivalent to 38 hours and 45 minutes per week, or 7 hours and 45 minutes per day) Holidays: Saturdays, Sundays, national holidays, year-end and New Year holidays, the university's foundation day, and summer vacation days. Provided in accordance with the university's payment standards.

Social Insurance	Enrollment in the Mutual Aid Association of the Ministry of Education, Culture,											
	Sports, Science and Technology, Employees' Pension Insurance, Employment											
	Insurance, and Workers' Compensation Insurance.											
Application Process	Please compile the following application documents into a single PDF file and submit it as an email attachment to the address below. The subject line of the email should be "Application Documents for Advanced Drug Discovery Research Project Faculty Position."											
	1) Curriculum Vitae (no specific format)											
	• Clearly state the name, date of birth, current address, phone number, and email address.											
	 Include educational background, work experience, activities in acade societies and the community, and any honors or penalties. 											
	 List educational background starting from high school graduation. Specify the year and month for both educational background and work experience. 											
	2) List of Educational and Research Achievements (no specific format)											
	 Divide the achievements into categories such as books, academic papers, book reviews, teaching materials, etc., and list them in reverse chronological order (from the most recent). 											
	 Separate educational achievements from research achievements. For co-authored works, list the names of all authors, mark the corresponding author with an asterisk (*), and underline the applicant's name 											
	3) List of Acquired Research Funds (External Funding) (no specific format)											
	4) Summary of Educational and Research Supervision Achievements (approximately one A4-sized page)											
	5) Statement of Aspirations for English-Related Education after Appointment (approximately one A4-sized page)											
	6) Names and contact details of two referees who can provide references regarding the applicant											
	7) Recommendation letters or other reference materials (optional)											
	8) Copies of major papers (optional)											
Application Deadline	Must be received by noon on Friday, December 6, 2024.											
Selection Process	After reviewing the application documents, interviews will be conducted. Details regarding the interview and other related matters will be provided separately to the candidates.											
Application and	Administrative Office, Graduate School of Pharmaceutical Sciences											
Contact Information	Phone: +81-75-753-4513 Email: 080yakusomu*mail2.adm.kyoto-u.ac.jp (Please replace * with @.)											
Other Information / Miscellaneous	• After being hired, the employee will belong to the School of Pharmaceutical Sciences and will work in the Division of Medicinal Frontier Sciences, Graduate School of Pharmaceutical Sciences.											
	• After being hired, the employee will primarily be responsible for educational duties and will be provided with office space. Research activities may be allowed in collaboration with a mentor faculty member.											
	• Even after obtaining tenure, educational duties and organizational management responsibilities in the "Job Description" section will continue as part of the position.											

• The documents submitted will be used solely for the selection process and will not be disclosed, transferred, or lent to third parties without a legitimate reason. Please note that the submitted documents will not be returned.
• Kyoto University promotes gender equality. As part of this initiative, in accordance with Article 8 of the Equal Employment Opportunity Act, if the candidates are evaluated as equally qualified, priority will be given to female candidates.
• Achievements during periods of childbirth and childcare will be considered equivalent to achievements before and after the leave. If applicable, please include the period of leave for childcare, etc., in your application documents.
• The Graduate School of Pharmaceutical Sciences seeks to create an environment where work and childcare can coexist, such as by providing break rooms and breastfeeding spaces.
 Kyoto University prohibits indoor smoking on all campuses and, in addition, prohibits smoking outdoors except in designated smoking areas to prevent secondhand smoke.

科目ナン	ィバリン	グ U-I	LAS14 2	006	54 LE68									
授業科目名 <英訳> Introduction to Molecular Cell Biology- E2 Introduction to Molecular Cell Biology-E2 H当者所属 職名・氏名														
群	自然科	自然科学科目群 分野(分類) 生物学(各論) 使用言語 英語										語		
旧群	B群	単位数	2単位		週コマ数	1コマ	授業形態			講義	(対面授詞	業科	《科目)	
開講年度・ 開講期	2024 •	前期	曜時限	火	4		配当				対象学生		全学向	
[授業の)	既要・目	目的]							•					
Cells are this cours functions This cour both the b It is bette prior this	[按集0佩安•日时] Cells are fundamental units that make up living things or exist on their own as organisms such as bacteria. In this course we will explore what cells are, their structure, chemical components and the basics of cell functions. This course is designed to provide the fundamentals of cell biology that are required by anyone to understand both the biomedical and the broader biological issues that affect our lives. It is better that students have taken "Basic Biology and Metabolism (2nd semester)" or an equivalent class													
「 到達目 [;]	慓]													
Biomedic Students function a Students Since the have the preparatio	Students will acquire a basic understanding of cell structure and function and its relevance to humans and Biomedical and Biotechnological applications. Students should be able to appreciate basic biology and in particular the importance of cell structure and function and their relationship with the organism as a whole. Students should be able to understand and discuss various aspects of Bioscience in English. Since the topics of "Molecular Cell Biology" can be very broad and not possible to cover all, students will have the opportunity to learn about topics which they are specifically interested in. This will take the form of preparation and presentation of assignments based on news or journal articles of topics of their own interest													
[授業計]	画と内容	≩]												
 【授業計画と内容】 1. Course Introduction, Overview of Cell Biology 2. Control of Gene Expression 1 3. Control of Gene Expression 2 4. Cell Membranes 5. How Cells Obtain Energy from food 6. Energy Generation in Mitochondria and Chloroplasts 7. Cell Signalling 8. Midterm Exam / How Cells Divide: The Cell-Division Cycle 1 9. How Cells Divide: The Cell-Division Cycle 2 10. Cell Communities, Tissues, Stem Cells and Cancer 1 11. Cell Communities, Tissues, Stem Cell and Cancer 2 12. Viruses and their Interactions with Cells 13. The Nervous System 1 14. The Nervous system 2 15. Final Exam 16. Feedback 														
F				-					Introdu	ction to N	lolecular Cell B	iolog	y-E2(2)へ続く	

Introduction to Molecular Cell Biology-E2(2)

[履修要件]

Students should have a general interest and curiosity about the study Cell Biology. It is better that students have taken "Basic Biology and Metabolism (2nd semester)" or an equivalent class prior this one.

[成績評価の方法・観点]

Class presentation assignments 20%.

Midterm examination 20%

Final examination 60%.

The exact balance will depend on the number of presentation assignments in the course, which may take the place of a midterm exam.

[教科書]

Alberts B et al. ^CEssential Cell Biology 5th edition (W. H. Norton) ISBN:9780393679533 OpenStax Biology 2e freely available to download at the URL below

(関連URL)

https://openstax.org/details/books/biology-2e

[授業外学修(予習・復習)等]

Review of the textbook prior to class, previous lecture materials and preparation for in class presentation assignments.

[その他(オフィスアワー等)]

The contents of the syllabus are a guide to the content of the course, the exact content may change. Input from students is very welcome to suggest aspects Cell Biology to cover in the course. I am always happy to discuss with prospective students or students via email and meet with prior appointment.

科目ナンバリング U-LAS14 10013 LE68															
授業科目 <英訳>	科目名 Basic Biology and Metabolism-E2 英訳> Basic Biology and Metabolism-E2							担当者所属 職名・氏名							
群	自然科学科目群 分				}野(分 類)	生物						使用言語 英語			語
旧群	B群	単位数	2単位		週コマ数	1 =	י דו		授業	授業形態講義(対面授業科目)					·目)
開講年度・ 開講期	2024 ·	後期	曜時限火4				配当学年 全回生				対象学生全学向		全学向		
[授業の	概要・目]的]													
Cells are fundamental units that make up living things or exist on their own as organisms such as bacteria. In this course we will explore what cells are, their structure, chemical components and the basics of cell functions. This course is designed to provide the fundamentals of cell biology that are required by anyone to understand both the biomedical and the broader biological issues that affect our lives. Since Cell Biology is a very broad															

both the biomedical and the broader biological issues that affect our lives. Since Cell Biology is a very broad topic, students will have the opportunity to investigate areas of their own specific interests via presentation assignments such as news or journal articles covering Cell Biology.

Students are encouraged to continue taking "Introduction to Molecular Cell Biology-E2 (1st semester)" as a follow-up to this course.

[到達目標]

Students will acquire a basic understanding of cell structure and function.

Students should be able to appreciate basic biology and in particular the importance of cell structure and function and their relationship with the organism as a whole.

Students should be able to understand and discuss various aspects of Bioscience in English.

[授業計画と内容]

- 1. Introduction to the course and Cell Biology
- 2. Cells, the Fundamental Units of Life
- 3. Chemical Components of Cells 1
- 4. Chemical Components of Cells 2
- 5. Energy, Catalysis and Biosynthesis 1
- 6. Energy, Catalysis and Biosynthesis 2
- 7. Protein Structure and Function 1
- 8. Midterm Exam / Protein Structure and Function 2
- 9. Protein Structure and Function 3
- 10. DNA and Chromosomes
- 11. DNA Replication and Repair
- 12. How Cells Read the Genome: From DNA to Protein 1
- 13. How Cells Read the Genome: From DNA to Protein 2
- 14. Biotechnology And genomics
- 15. Final exam
- 16. Feedback

Basic Biology and Metabolism-E2(2)

[履修要件]

Students should have a general interest and curiosity about the study Molecular Cell Biology. As this is an introductory course prior knowledge of the topic is not necessary. essential knowledge for the class will be provided as needed in class.

[成績評価の方法・観点]

Class Presentation assignments 20%

Midterm exam 20%

Final examination 60%

The exact proportion will depend on the number of assignments in the course, these may be in place of a midterm exam

[教科書]

" Essential Cell Biology " 5th edition (2019) by Alberts et al., W.W. Norton and Company, New York ISBN 9780393679533

OpenStax Biology 2e freely available to download at the URL below.

(関連URL)

https://openstax.org/details/books/biology-2e

[授業外学修(予習・復習)等]

Review from the textbook, previous lecture content and preparation for assignments to be presented in class.

[その他(オフィスアワー等)]

The contents of the syllabus are a guide to the content of the course, the exact content may change. Input from students is very welcome to suggest aspects to cover in the course. I am always happy to discuss with prospective students via email and meet with prior appointment.

科目ナンバリング U-LAS14 20071 LE68												
授業科目名 <英訳> Introduction to Biosciences-E2 Introduction to Biosciences-E2						目当者所 戦名・氏	属名					
群	自然科						i)		傊	使用言語	英詞	吾
旧群	B群	単位数	2単位	週コマ数	117	7	授業	形態 諱	議	(対面授詞	業科	目)
開講年度・ 開講期	2024 ·	後期	曜時限」	K 4		配当	当学年	全回生		対象学:	生	全学向

[授業の概要・目的]

The study of life i.e. Biology or Bioscience is the study of living organisms which is divided into many specialised fields that cover their form (morphology), function (physiology), structure (anatomy), behavior, origin (evolution), distribution, and their interactions with the environment (Ecology).

" Introduction to Bioscience " will introduce students to these fields covering a wide-range of Bioscience and their importance and implications for humans.

[到達目標]

Students should be able to appreciate the diversity of Bioscience and the importance an understanding of its knowledge can have on our daily lives.

Students should be able to understand and discuss various aspects of Bioscience in English. Students should be able to read, understand and think critically about Bioscience and how the media, such as in news reports, newspaper articles etc cover aspects of Bioscience and its relevance to our lives.

As the range of topics covered by "Bioscience" is vast and cannot all be covered during the course, students will have the opportunity for learning about areas specific to their own interests via preparation for class presentation assignments on topics they are interested in via news and journal articles covering Bioscience.

[授業計画と内容]

- 1. Course introduction, Chemistry of life
- 2. Cell structure
- 3. Genetics
- 4. Cell Reproduction and Communication
- 5. Metabolism and Cellular Respiration
- 6. Animal Form and Function
- 7. Mid-term exam / The Nervous system 1
- 8. The Nervous system 2
- 9. Biological Rhythms
- 10. Viruses
- 11. Plant Biology
- 12. Biotechnology and Genomics
- 13. Ecology
- 14. Evolution
- 15. Final Exam
- 16. Feedback

Introduction to Biosciences-E2(2)

[履修要件]

Students should have a general interest and curiosity about the study of life. As this is an introductory course no prior experience is necessary.

[成績評価の方法・観点]

Class presentation assignments 20%.

Midterm exam, 20%.

Final examination 60%.

The exact balance will be determined by the number of presentation assignments, which may be counted in place of a midterm exam.

[教科書]

OpenStax Biology 2e freely available to download at the URL below.

"Essential Cell Biology " 5th edition (2019) by Alberts et al., W.W. Norton and Company, New York ISBN 9780393679533 may be useful for the Cell Biology aspects of the course though it is not essential to buy the book if you do not already have it.

[参考書等]

(参考書)

Openstaax Biology available online.

(関連URL)

https://openstax.org/details/books/biology-2e

[授業外学修(予習・復習)等]

Review from the textbook, previous lecture material and preparation of assignments to be presented in class.

[その他(オフィスアワー等)]

The contents of the syllabus are a guide to the content of the course, the exact content may change. Input from students is very welcome to suggest aspects Bioscience to cover in the course.

I am always happy to discuss with prospective students via email and meet with prior appointment.

科目ナン	バリング U-LAS51 10014 SB48									
授業科目 <英訳>	科学コミュニケーションの基礎と実践(薬・ 英) A-E3 Theory and Practice in Scientific Writing and Discussion (Pharmaceutical Sciences, English)A-E3									
群	キャリア形成科目群 分野(分類)国際コミュニケーション 使用言語 日本語及び	英語								
旧群	滞 単位数 2単位 週コマ数 1コマ 授業形態 演習(対面授業科目)									
開講年度・ 開講期	2024・前期 曜時限 月4/月5 配当学年 2回生以上 対象学生 理系向									
[授業の] "Theory a English. Expression presentat precise la This count Although on praction [到達目] To acquin chemistry To be abl To learn To be abl	I授業の概要・目的] "Theory and Practice in Scientific Writing and Discussion" will provide students with the basics of scientific English. Expressions and vocabulary used in scientific texts are different from everyday English. When giving a presentation or a seminar, or writing a report or research manuscript, it is critical to use a well organised and precise language so that the ideas and discoveries are well communicated. This course is mainly targeted to students who wish to pursue a scientific career, especially in research. Although learning new vocabulary and grammar is a substantial part of this course, the emphasis will be put on practice. [到達目標] To acquire basic knowledge on the structure and vocabulary of scientific English (biology, physics, chemistry). To be able to build sentences using the vocabulary and grammar they have learned. To learn English names of common scientific tools.									
To be abl	to communicate scientific content in English in a relaxed manner and without hesitation.									
[授業計	iと内容]									
 What i The basequations Chemi Chemi Latin a How to basic hum Mid-te Descrive Introdu Feedbase 	Scientific English? (2 weeks) c units and dimensions, numerals, enunciation and comprehension of complex numbers and (2 weeks) ils and chemical reactions. (2 weeks) d Greek roots of modern scientific English. (2 weeks) lescribe the relative position and dimensions of an object, descriptions of movements and force, in and animal anatomy. (3 weeks) n exam (in Approximately class 12). ion of experimental setups in Biology and Chemistry. (2 weeks) tion to giving presentations - Elevator Pitch / self- introduction / Scientific-flash talks. (2 weeks k (1 week)	,								
[履修要	·]									
Students	ncomfortable in social interactions may find this course challenging.									
	の万法・観点]									
- Class pa	incipation (answering and asking questions or discussion, 40%, there are no marks for "class									

_____ 科学コミュニケーションの基礎と実践(薬・英)A-E3(2)へ続く↓↓↓ 科学コミュニケーションの基礎と実践(薬・英)A-E3(2)

attendance").

- Midterm exam (30%)

- Assignments (such as role play in Laboratory or Pharmacy, elevator pitch / self introduction, scientific flash talk, 30%).

The balance between the above will be dependent on the number of assignments given.

[教科書]

Anthony FW FOONG 『Comprehensive Scientific English (A) 4th Edition』 (IMEX. Japan) ISBN:978-4-9905790-2-9 (4th edition, April 2020)

OpenStax Biology, Anatomy and Physiology, Chemistry and Physics, freely available to download at the URL below.

[参考書等]

(参考書)

授業中に紹介する

References and articles will also be given via PandA.

(関連URL)

https://openstax.org/subjects

[授業外学修(予習·復習)等]

Review from the textbook, listening exercises on the CDs, class material and preparation for assignments to be presented either in class or submitted.

[その他(オフィスアワー等)]

The contents of the syllabus are a guide to the content of the course, the exact content may change. Input from students is very welcome to suggest aspects of scientific English to cover in the course. I am always happy to discuss with students, please contact me via email in the first instance.