This module will introduce you to the fundamental concepts of chromatin structure and function and how this affects genome stability. DNA repair and telomere maintenance are perhaps the most significant factors affecting genome stability and these processes are central to the understanding of cancer cell biology. Indeed, most existing anti-cancer agents induce DNA damage and current efforts to target chromatin factors therapeutically are showing promise. You will have the opportunity to independently research and present seminars on the applied biology of chromatin and DNA repair within model organisms such as budding yeast, Caenorhabditis elegans and Drosophila melanogaster. The seminars and student presentations will be supplemented with guest lectures from scientists at the cutting edge of chromatin research and students will also have the opportunity to engage in research debates on topics at the forefront of modern cancer biology. Importantly, you will be expected to design and defend a research proposal that addresses an unsolved question of your choice within the field of genome stability.
Contents:

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BL5421: Timetable

No details are currently available for BL5421 Timetable
BL5421: Reading List

BL5421Click for BL5421 reading list

BL5421: Assessment

1.5-hour Written Examination = 20%, Coursework = 80%

BL5421View coursework assessment details for BL5421 (2023/4) in MMS

The following related information applies to all Biology modules:

School of Biology Marking Criteria: See JH booklet info (st-andrews.ac.uk)
Late submission of continuous assessment work: All late submissions of coursework that do not require electronic submission should be made via the Biology Teaching Office, Level 2, BMS Building, North Haugh.

Exam details: See School of Biology UG Handbook JH booklet info (st-andrews.ac.uk): All Biology exams will be conducted online for 2022-23.

Exam timetable: See Timetables - Exams - University of St Andrews (st-andrews.ac.uk)

Expected attendance: See JH booklet info (st-andrews.ac.uk) for detailed attendance requirements.

Good Academic Practice & Avoiding Academic Misconduct: See JH booklet info (st-andrews.ac.uk)

University Student Handbook:
School and University regulations in the School and University Undergraduate Handbook relating to absence reporting, penalties and rules for late submission of work, extensions for coursework, return of coursework, S-coding, good academic practice and Academic Alerts.: University Student Handbook

JH booklet info (st-andrews.ac.uk)
University Student Handbook
Who to ask

(Information in this section applies to all Biology Modules)

Before contacting staff, students should check the content of the Biology Undergraduate Handbook, the module handbook and specific task instructions.

Questions about Contact
General teaching matters Biology Teaching Office (bioteach@st-andrews.ac.uk)
Rescheduled or cancelled events Check your University email
Lecture or practical content The lecturer who presented the material
Completing assessed practical assignments The lecturer who set the assignment
Completing assessments Module Organiser (@st-andrews.ac.uk)
Marking on continuous assessment The Demonstrator or Module Organiser (@st-andrews.ac.uk)
Marking on exams Module Organiser (@st-andrews.ac.uk)
Rearranging practical days Module Organiser (@st-andrews.ac.uk)
Absence and/or extensions Module Organiser (@st-andrews.ac.uk) and the Biology Teaching Office (bioteach@st-andrews.ac.uk)
Difficulties with academic progress which impact more than one module:
Year Coordinator
See School of Biology UG Handbook for list:
JH booklet info (st-andrews.ac.uk)
Overall performance, progress or future directions:
Advisor of Studies
Disability:
Disability Coordinator (biodisabilities@st-andrews.ac.uk)
For advice and support on any issue e.g. academic, financial, international, personal or health matters, or if you are unsure of who to go to for help:
Advice & Support Centre
Address: 79 North Street, St Andrews
Email: theasc@st-andrews.ac.uk
Web: https://www.standrews.ac.uk/ask-a-question/
Tel: 01334 462020
Tel: 01334 476161
Web: https://www.st-andrews.ac.uk/students/advice/counselling/incrisis/

University assistance with urgent matters out of office hours:

Biology Teaching Office:

We are happy to hear from you about teaching matters. The School of Biology Teaching Office is open Monday to Friday 09.00 - 13.00 and 14.00 - 17.00. School of Biology staff will respond to your emails during these hours. Our team will provide a response to you within three working days.

Biology Teaching Office (Level 2), University of St Andrews, Biomolecular Sciences Building, North Haugh, St Andrews, Fife KY16 9ST

Email: bioteach@st-andrews.ac.uk

Tel: 01334 46 3602 or 3566
BL5421: Contributing Staff

No details of other staff are currently available for Contributing Staff
BL5421: Learning Outcomes

No details are currently available for Learning Outcomes
BL5421: Acquired Skills

No details are currently available for Acquired Skills
Policies

(Information in this section applies to all Biology Modules)

- The procedures and regulations followed by the School of Biology are outlined in the University Handbook and in the School of Biology UG handbook Â JH booklet info (st-andrews.ac.uk) Â
- All coursework associated with the module must be completed and submitted by its due date.
- Specific School regulations relating to absence reporting, penalties and rules for late submission of work, extensions for coursework, return of coursework, S-coding, Good Academic Practice and Academic Alert are stated in the School of Biology UG hand book Â JH booklet info (st-andrews.ac.uk) Â and students are required to carefully read these regulations.
- Students are also referred to the University Handbook, available at: http://www.st-andrews.ac.uk/studenthandbook/