

# Perspectives in Oncology

The Cancer Science Website

User Guide

[www.cancerscience-ieu.icr.ac.uk](http://www.cancerscience-ieu.icr.ac.uk)

## Background

*Perspectives in Oncology*, the cancer science website, is an introduction to basic information and concepts in the field of cancer science. The site is aimed at new PhD students but may also be of interest to other staff. A key objective of the site is to provide a general grounding in cancer science for students from a range of different backgrounds in the biological, physical and chemical sciences.

*Perspectives in Oncology* is a modular website. Each module has a specific tutor; module tutors are scientists and clinicians, either from within The Institute and The Royal Marsden NHS Foundation Trust, or from external institutions. Currently eight modules are available:

- Cancer: causes and prevention by Stan Venitt
- Tumour genetics by Ros Eeles
- Common cancers by David Gibbs
- An approach to therapies by Gill Ross
- Bioinformatics by Damian Counsell
- Medical physics by Maggie Flower
- Basics of tumour biology by Sue Eccles
- Cell signalling by Matilda Katan

Subsequent development will expand the site to include modules on:

- Structural biology by David Barford
- Experimental therapeutics by Keith Jones and Sue Eccles






## Registration

When you first access the site you will need to register your details by going to the new user registration section. Here you will be asked to enter your forename, surname, ICR email address, a username and password of your choice, your organisation (ICR) and section. **Please note that you must enter your section name in full (no abbreviations) and in lowercase.** After you have registered your details correctly you will receive an email confirming your registration. If you do not enter all of your details correctly, you will receive an email to let you know that your account is pending approval; this process may take up to 48 hours. You will be informed as soon as you have been granted access.

The screenshot shows a web browser window displaying the registration page. The page has a header with 'The Institute of Cancer Research' and 'Interactive Education Unit'. The main content area is titled 'User registration' and contains a form with the following fields: Forename, Surname, Email, Username, Password, Confirm Password, and Organisation. A red note is present: 'Enter your ICR section name in full and in lowercase to ensure accounts created to the site.' A 'Submit' button is located at the bottom of the form.

Following successful registration, you will be able to access *Perspectives in Oncology* by entering your username and password on the logon page. Once you have registered, the site will 'remember' the pages you have viewed, including the last page you visited, your notes and your test scores. To log out of the site, click the icon  on the top right of the screen.

From the logon page you also have the options to download the site user guide and to order promotional materials, such as mouse mats, pens and notebooks.

The screenshot shows the logon page. It includes a login form with 'Username' and 'Password' fields and a 'Log In' button. A 'New User Registration' link is visible. Below the login form, there are sections for 'Promotional Items' and 'User guide'. The page also features a central graphic of a cell and a hand cursor icon in the top right corner.



## Homepage

The main homepage features a graphic illustrating simply, in a nutshell, how and why cancer develops and how it can be managed therapeutically. This graphic forms your central access point to the website content. The module titles are highlighted, and moving your mouse around over the graphic will reveal information on the process of cancer development, including several animated sequences provided by Institute scientists.

The screenshot shows the ICR Oncology website homepage. The central graphic is titled 'Oncology' and features several module titles: 'Cancer Causes & Prevention', 'Cell and molecular biology', 'Common cancers', 'Structural biology', 'Basics of tumour biology', 'Bioinformatics', 'An approach to therapies', and 'Genetics applied to cancer diagnosis and therapy'. The page includes a search bar, a navigation menu, and a footer with the ICR logo and contact information.

Callout boxes provide the following information:

- The ICR logo links to the ICR website homepage
- Clicking *tutors* will take you to information on all the tutors for all the modules available; clicking on this button when you are in an individual module takes you to just information on that module's tutor
- The *home* button allows you to access the homepage from anywhere in the site
- The *help* button links to help on using the website
- The *certification* button lets you check your certification status and see which modules you have certification for
- Next to *Welcome* you will see your name, indicating that the site has 'remembered' you and your past activity
- My navigator* holds your personal site activity, including your last page viewed and notes you have made
- Search* enables you to search across the site for specific words or terms
- The *notepad* button allows you to select your notebook for any of the modules available
- Contact us* enables you to fill in a feedback form to send comments to the IEU, and to ask questions about the site
- The *library* button links to a list of references for the entire site; in an individual module the *references* button links to references just for that module
- The Interactive Education Unit (IEU) logo links to the IEU intranet site
- The *print* option allows you to print a page in print-optimised format
- Click here to log out of the site
- Clicking the *glossary* button allows you to view the glossary of the entire site. When you are in a module this button will link to just the glossary for the individual module
- Clicking the *learning modules* button shows all modules that are currently available for viewing and provides another entry route into each module
- Moving your mouse over the graphic will reveal information on the process of cancer development
- Clicking on the module title enables you to enter the module
- If you click on a currently unavailable option, a message will pop up saying that it is not available in the pilot version of the site



## My navigator

*My navigator* holds your personal site activity for the five pilot modules currently available. It shows you which modules you have started / finished and gives you direct links to the page you last viewed and the notes you have made for each module.



## The pre-module test

Before starting a module, you have the option to try out the pre-module test to find out what you already know and to get a taste of what's in the module.

Once you have completed the questions you can find out your score by clicking the *submit* button.



## Module tutor page

The first time you access a module you will see the tutor page. Here, the module tutor welcomes you to the module and provides a brief overview of what it contains.

The example below shows the tutor page for Dr Gill Ross, for the *An approach to therapies* module. You can view the tutor's CV, and can also send them a question on the module by email. On subsequent visits to the module, the tutor page is accessible from the *tutors* button on the top menu of each page.



## Learning objectives page

After the introduction to the module you will come to the learning objectives page. Here you will find the specific objectives of the module, and what you will have learned after completing it.





## Navigating the modules

There are two main ways you can navigate through the modules:

- 1) Use the *next* and *previous* buttons to move sequentially forwards and backwards through the module. **Please note if you use these as your only form of navigation you will miss the level two information that is additional to the core module content.**



- 2) Use the *where am I?* navigation bar, which contains quick links to pages of the module. It also tells you at a glance how many pages the module contains and what type of pages they are. Move your mouse cursor over the small circles to view the page name. The circles are colour-coded:

- Blue dots are normal (level one) pages
- Pale green are level two information pages
- Dark green represents a progress check
- Yellow shows the page you are currently viewing



## Progress checks

Scattered throughout a module you will find optional progress checks. These enable you to test your knowledge on different topics within the module content as you go along. You can also get immediate feedback on your answers.



## Show me more

Information in the website is divided into level one ('need to know') and level two ('nice to know'). Level two information is indicated by the **i** icon on the screen and is headed by *show me more about*. You can click on any of the show me more about options to find out more detailed information related to the main level one page. The rationale for arranging information in this way is to give you flexibility in deciding whether you wish to go more deeply into a given subject.

In the example below (from the *Bioinformatics* module), the level one page has some brief general information on the Human Genome Project (HGP). At level two, you can find out more about the aims of the HGP, the publication of the first draft of the human genome, and the tensions between the publicly and privately funded human genome initiatives.




## Did you know?

*Did you know?* facts appear throughout the modules and are snippets of information linked to the content of the main page. The first time you view a page, the fact box pops up. On subsequent viewings the box is positioned at the bottom of the page. **Please note that any anti-pop up software you have on your computer will block the boxes popping up. However, you will still find them located at the bottom of the page.**





## References

Each module is fully referenced. The book icon  indicates a reference. If you roll your mouse cursor over the icon, the name of the reference appears. You can then click the icon to pop up the full reference, which you can save to your notepad if you wish. If a reference is available online, you have the option of linking directly to it.

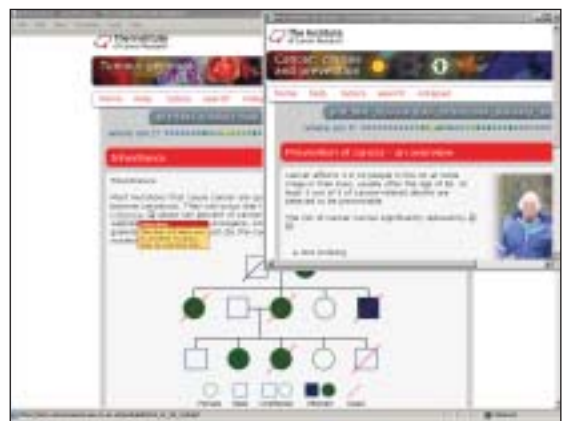
There is a full reference list towards the end of each module, which can be accessed by clicking on the *references* button. The *library* button on the homepage links to all the references for the entire website.



## Links

Words highlighted in red link to information within the same module or in another module. You will find that links going to a page within the same module open in the same window, while those going to information in a different module open in a new window. Links to other websites open in a new window.

In the example below, there is a link from 'environmental influence' in the *Tumour genetics* module to a page in the *Cancer: causes and prevention* module, which opens in a new window.



## Glossary

Words highlighted in blue are glossary terms. When you click on the highlighted word a definition pops up. There is also a full glossary at the end of each module, which can be accessed by clicking on the *glossary* button.



## Notepad

Throughout a module you can save personalised notes and details of module references to your notepad. Clicking on the *notepad* button when you are on a given page allows you to add notes for that page. You can access all your notes from the homepage, by either clicking the *notepad* button or *view notes* within *my navigator*.





## Review questions

The post-module review test is compulsory if you wish to gain credit for a module. If you score over 75% on the test you will gain certification for the module.



## Certification

Each time you successfully complete a module (by scoring above 75% in the review test), you will gain credit for the module. The details will be added to your site certificate, which is available from the *certification* button on the homepage.

The certificate is signed by the Academic Dean and authenticates that you have completed a course of education at The Institute.

For new students, the certificate showing all current modules should be added to your Portfolio; this is a requirement for you to progress from MPhil to PhD at the end of your first year.



## Search

You can use the *search* function to find specific words or terms across the site. To complete a search, first select the filters you wish to use (e.g. you may want to sort the results in order of relevance or in alphabetical order). Then enter a keyword or phrase into the search box and click on the *search* button. You will be given a list of relevant pages, which you can view by either clicking on the page title or the website address given.



## Contact us

If you have any queries or would like more information about *Perspectives in Oncology*, please contact:

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