

# **UK Centre for Bioscience**

Supporting teaching in higher education to improve student learning across the biosciences



# Subject Centres and the Higher Education Academy

# Supporting the Student Learning Experience 24 Subject Centres

- Bioscience
- Physical Sciences
- Medicine, Dentistry and Veterinary Medicine
- Geography Earth and Environmental Sciences
- Health Sciences and Practice

Based in universities across the UK Higher Education Academy



### **UK Centre for Bioscience**

- Based at the University of Leeds
- 13 staff about half full time
- Cover 26 Bioscience disciplines





### Post-Its!

- Write down one (or more) resources you've found useful in your teaching
- Turn to your neighbour what is your resource and why was it useful
- Any volunteers to give some very brief feedback
- Keep your post-its! I'll collect them at the end



# Supporting your teaching

- Website
- Resources
  - ImageBank
  - To use in tutorials
  - For your students
- Student Award
- Networking and contacts



## Website

- New lecturers
- Postgraduate Teachers and Demonstrators
- Practical work
- Fieldwork
- Disability and Accessible Curricula
- Ethics and Bioethics

www.bioscience.heacademy.ac.uk



### Resources

- New Lecturers pack
- Short Guides
- Learning Guides
- Bulletin
- Assessment Briefing
- Teaching Guides



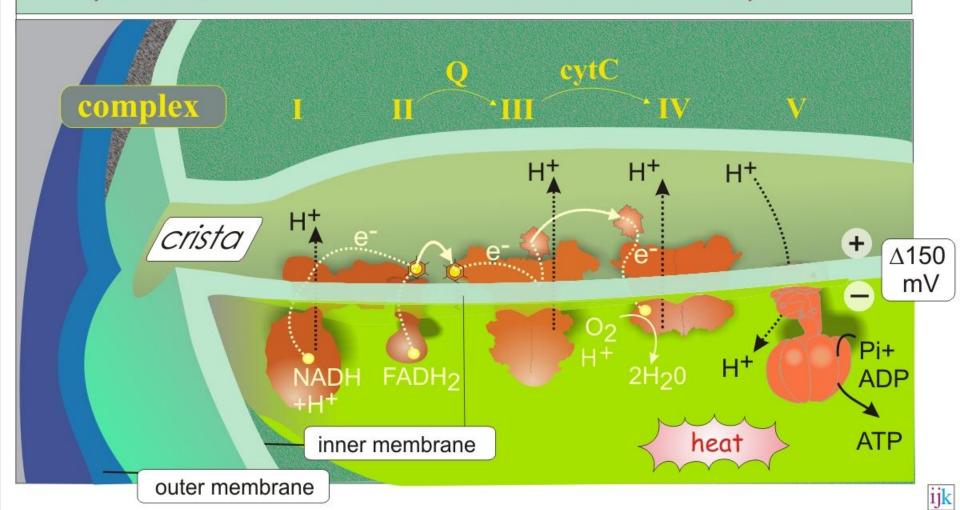


# **ImageBank**

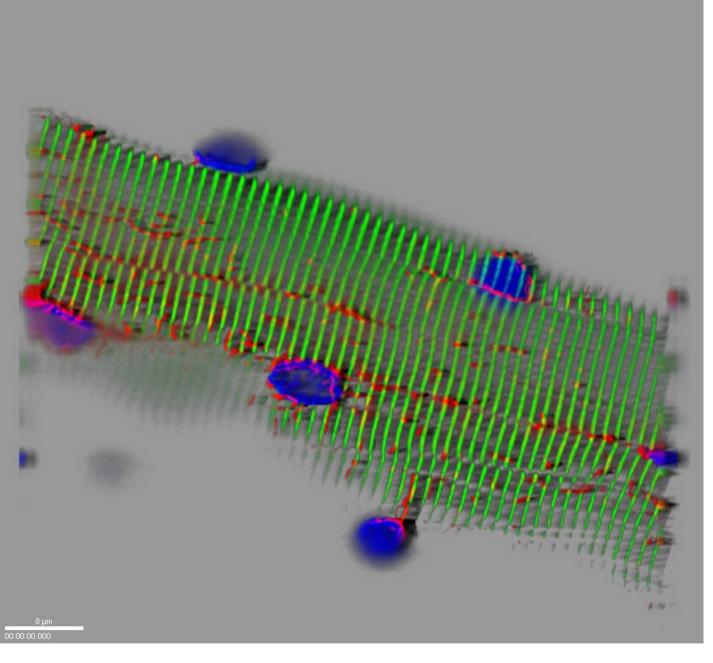
# Online database of images for learning and teaching

- Illustrate handouts
- Practical schedules
- Resource to suggest to your students
- Use in your own dissertations, thesis reports...

#### components of the mitochondrial electron transport chain

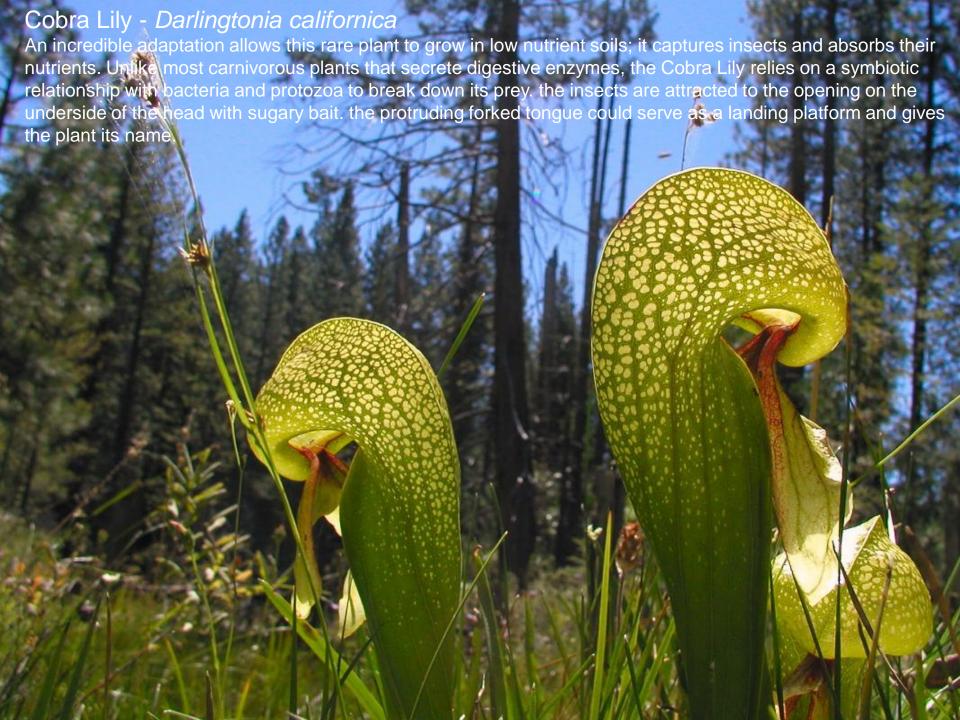






#### Muscle Stripes

The white stripes are the repeating elements (sarcomeres) of the muscle fibre. Nuclei are in blue. and microtubules are in yellow/green. The microtubules ramify throughout the muscle, acting as tracks for molecular motors to transport cargo from A to B. the image was taken on an Olympus microscope using Softworx acquisition software. the image was deconvolved, and 4 sequential Z-sections were combined to make a maximum intensity projection using Imaris. the image was then rotated and cropped using Adobe Photoshop CS3. Scale Bar (white) is 10 microns.





# Resources to use in tutorials

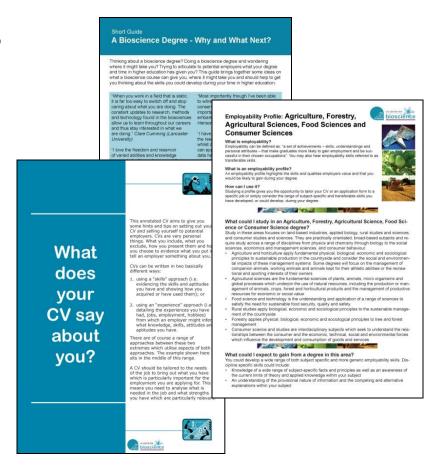
- Employability materials
- Bioethics Briefings
- Student Award





# Resources for your students

- Employability materials
- Short Guides
- Student web page
- Links to external projects and resources



www.bioscience.heacademy.ac.uk/network/students.aspx



# **Student Award**

- Annual competition
- Open to both U/G and P/G
- Tell us about your experiences of teaching and learning
- Win up to £250



www.bioscience.heacademy.ac.uk/funding/essay/



# You are not alone!

- Enquiries service
- Events
- Representatives
- Join the network





# **Any questions?**

- Katherine <u>k.a.clark@leeds.ac.uk</u>
- Centre <u>heabioscience@leeds.ac.uk</u>
- Or phone us on 0113 343 3001

### Event report:

www.bioscience.heacademy.ac.uk/events/reports.aspx