

# Life at the Molecular Level

## S5/S6 CPD



Tuesday 17th February 2015

**Old Aberdeen Campus** (rooms shown in bold below)

### **Meston 4 Lecture Theatre, Meston Building**

*10:00-11:00 – DNA, RNA and More!*

A lecture that will focus on nucleotide structure and function, genomes, DNA replication and much more.

*11:00-12:00 – Proteins & Enzymes*

A lecture focussing on the essentials of protein structure as well as an overview of enzymes with specific examples of how they function in cells.

### **Arts Lecture Theatre, William Guild Building**

*12:00-13:00 – Optional: Example of a first year lecture (SM1501: The Cell as a Factory 2)*

You are welcome to attend this lecture being delivered by Dr Barrow as part of a large first year undergraduate class he coordinates called SM1501 (The Cell).

*13:00-14:00 – Lunch provided in the foyer of the Zoology Building.*

### **Lab ZB3, Zoology Building**

*14:00-16:00 – PCR Workshop*

A paper-based workshop to explain the polymerase chain reaction (PCR).

*16:00-16:30 – Q&A and feedback*

This one-day CPD event is intended for teachers of Higher and Advanced Higher Biology and aims to give them a working background in many of the topics covered in the Cells and Proteins module of the new Advanced Higher Biology syllabus. It includes a practical paper-based activity explaining PCR that can be used in school classrooms, and the opportunity to sit in on a 1st year lecture on The Cell.

Aberdeen City Schools can book a place by emailing **[biodiversity@abdn.ac.uk](mailto:biodiversity@abdn.ac.uk)**

Aberdeenshire Schools can book a place by emailing **[sally.middleton@abdn.ac.uk](mailto:sally.middleton@abdn.ac.uk)**

University contact:

**Dr John Barrow**

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**Deadline  
6 Feb 2015**



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