

## Academic staff in the School of Biosciences

### Head of School

#### **[Professor Steve Busby \(/schools/biosciences/staff/profile.aspx?Referenceld=5078&Name=professor-steve-busby\)](/schools/biosciences/staff/profile.aspx?Referenceld=5078&Name=professor-steve-busby)**

Professor of Biochemistry  
Head of School

School of Biosciences

Research in Steve Busby's lab is concerned with understanding the molecular mechanisms that control gene expression in bacteria, with particular attention to studying the regulation of transcription initiation in *Escherichia coli*. Much of the recent work has focussed on the expression of virulence determinants in pathogenic strains.

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### Academic staff

**[A](#) **[B](#) **[C](#) **[D](#) **[E](#) **[F](#) **[G](#) **[H](#) **[I](#) **[J](#) **[K](#) **[L](#) **[M](#) **[N](#) **[O](#) **[P](#) **[Q](#) **[R](#) **[S](#) **[T](#) **[U](#) **[V](#) **[W](#) **[X](#) **[Y](#) **[Z](#)**

#### **[Dr Luke Alderwick \(/schools/biosciences/staff/profile.aspx?Referenceld=4262&Name=dr-luke-alderwick\)](/schools/biosciences/staff/profile.aspx?Referenceld=4262&Name=dr-luke-alderwick)**

Lecturer  
Director of the Birmingham Drug Discovery Facility

School of Biosciences

In 2010 Dr Luke Alderwick was appointed to the position of Lecturer in Molecular Microbiology and he is one of the youngest members of academic staff in the School of Biosciences. His many research interests revolve around understanding the biochemistry and molecular genetics of cell wall assembly in *Mycobacterium tuberculosis*, which is the causative bacterial agent of TB infections. ...

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#### **[Dr Sue Armstrong \(/schools/biosciences/staff/profile.aspx?Referenceld=8814&Name=dr-sue-armstrong\)](/schools/biosciences/staff/profile.aspx?Referenceld=8814&Name=dr-sue-armstrong)**

Senior Lecturer

School of Biosciences

My interests are focused on genome evolution and meiosis in both model plants and crops. In 1995 I setup a molecular cytogenetics laboratory with my colleague Paul Fransz (now at University of Amsterdam) and with advice from our colleague Gareth Jones. In the last 15 years we have trained many European colleagues and last year we were awarded a European collaborative project to investigate ...

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