

Academic staff in the School of Biosciences

Head of School

[Professor Steve Busby](/schools/biosciences/staff/profile.aspx?ReferenceId=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](#)

[Professor Jeff Bale](/schools/biosciences/staff/profile.aspx?ReferenceId=4287&Name=professor-jeff-bale)

Professor of Environmental Biology
Pro-Vice-Chancellor for Education

School of Biosciences

Professor Jeff Bale is one of the world's leading experts in the field of invertebrate thermal biology. His work covers both fundamental aspects such as strategies for survival in polar environments as well as the applications of thermal tolerance including the establishment potential of non-native biological control agents. Jeff has over 200 publications and supervised 50 doctoral ...

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[Dr George W. Bassel](/schools/biosciences/staff/profile.aspx?ReferenceId=38785&Name=dr-george-w.-bassel)

Birmingham Fellow

School of Biosciences

</university/colleges/les/research-gallery/george-bassel.aspx> George Bassel was appointed as a Birmingham Fellow in 2012. His group focuses on understanding how genes change the shape of plant cells. Using seed germination as a model system, Dr. Bassel is uncovering gene regulatory networks that control cell shape changes, and how these networks are influenced by the environment.

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[Professor Gurdyal Besra](/schools/biosciences/staff/profile.aspx?ReferenceId=4298&Name=professor-gurdyal-besra)

Bardrick Professor of Microbial Physiology and Chemistry

School of Biosciences

Professor Besra heads a world-leading multidisciplinary team investigating key aspects of the microbial physiology of the Mycobacterium tuberculosis cell wall and the potential role of iNKT/CD1d therapeutics. He has been awarded and successfully managed over 35 research grants valued at over £11 million from The Wellcome Trust, the Biotechnology and Biological Sciences Research ...

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[Dr Apoorva Bhatt](/schools/biosciences/staff/profile.aspx?ReferenceId=8917&Name=dr-apoorva-bhatt)

Senior Lecturer in Molecular Microbiology
Program Leader- MSc Microbiology and Infection

School of Biosciences

</university/colleges/les/research-gallery/apoorva-bhatt.aspx> Dr. Bhatt is a Lecturer in Molecular Microbiology in the School of Biosciences. A prestigious Fellowship- a Career Development Award from the Medical Research Council-enabled him to set up his research group at the University of Birmingham in 2006. Dr.Bhatt's research interests include studying pathogenic mycobacteria and how they cause disease, with a particular focus on *Mycobacteri* ...

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[Dr Holly Bik \(/schools/biosciences/staff/profile.aspx?Referenceld=87111&Name=dr-holly-bik\)](/schools/biosciences/staff/profile.aspx?Referenceld=87111&Name=dr-holly-bik)

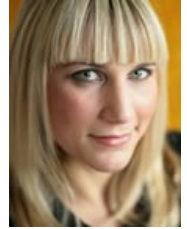
Birmingham Fellow

School of Biosciences

Dr Bik's research is intensely interdisciplinary, utilizing high-throughput sequencing and novel computational approaches to characterize neglected microbial eukaryote taxa from diverse environments - species representing the "dark matter" of biology. These taxa play fundamental ecological roles and underpin ecosystem functioning, and are ubiquitous in habitats ranging from the ...

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[Dr Roland Brandstaetter \(/schools/biosciences/staff/profile.aspx?Referenceld=9652&Name=dr-roland-brandstaetter\)](/schools/biosciences/staff/profile.aspx?Referenceld=9652&Name=dr-roland-brandstaetter)

Senior Lecturer in Animal Biology

School of Biosciences

Dr Roland Brandstaetter is a Zoologist with specialisations in developmental biology, physiology, neurobiology, neuroendocrinology, and circadian biology. His research approach is holistic and considers mechanistic investigations at various levels of organismal organisation to study complex natural traits. He worked at several European Universities and Max-Planck-Institutes before taking a ...

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[Dr Saverio Brogna \(/schools/biosciences/staff/profile.aspx?Referenceld=4303&Name=dr-saverio-brogna\)](/schools/biosciences/staff/profile.aspx?Referenceld=4303&Name=dr-saverio-brogna)

Lecturer in RNA biology

Group Leader

School of Biosciences

I am a Lecturer in RNA biology. My group's research focuses on understanding the mechanisms that connect pre-mRNA processing with translation and Nonsense Mediated mRNA Decay (NMD). A second interest of the laboratory is understanding the functions of ribosomes and ribosomal preteins within the nucleus.

Lab page: <https://www.facebook.com/pages/BrognaLab/6460455520> ... (<https://www.facebook.com/pages/BrognaLab/646045552079820>)

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