University of Birmingham

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

Dr Rebecca A Hall (/schools/biosciences/staff/profile.aspx?ReferenceId=76303&Name=dr-rebecca-a-hall)

MRC CDA Fellow

School of Biosciences

Rebecca joined the University of Birmingham as a fellow in March 2014, and is supported by an independent MRC Career Development Award. With expertise in fungal molecular biology, host-pathogen interactions and environmental sensing, Rebecca is interested in researching what she terms fungal neighbourhood watch. Rebecca has worked on a variety of organisms, investigating how they orchestrate ...

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Dr Scott Hayward (/schools/biosciences/staff/profile.aspx?ReferenceId=9656&Name=dr-scott-hayward)

Lecturer - Molecular Ecophysiology

School of Biosciences

Dr Hayward's research group seeks to understand how organisms cope with variable and stressful environments. Temperate, polar and tropical terrestrial invertebrates (insects, mites and nematodes) are the primary focus of this endeavour. His lab uses state-of-the-art tools, and a systems biology approach, to investigate how these organisms detect, repair and stabilize the cellular ...

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Professor John Heath (/schools/biosciences/staff/profile.aspx?ReferenceId=9657&Name=professor-john-heath)

Director of the Centre for Systems Biology

School of Biosciences

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Dr Alicia Hidalgo (/schools/biosciences/staff/profile.aspx?ReferenceId=5345&Name=dr-alicia-hidalgo)

Reader in Developmental Neurobiology

School of Biosciences

(/university/colleges/les/research-gallery/alicia-hidalgo.aspx) Our lab aims to understand how the nervous system – including the brain – is formed and works.

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Dr Nik Hodges (/schools/biosciences/staff/profile.aspx?ReferenceId=5362&Name=dr-nik-hodges)

Senior Lecturer

School of Biosciences

Dr Nik Hodges is interested in the mechanisms of genetic toxicology, cellular oxidative stress and repair of oxidative DNA damage and his lab was the first to identify that the variant form of the repair protein OGG1 is repair deficient under conditions of oxidative stress which could have important consequences for individual susceptibilty to cancer.

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Dr Neil Hotchin (/schools/biosciences/staff/profile.aspx?ReferenceId=9228&Name=dr-neil-hotchin)

Senior Lecturer in Molecular Cell Biology
Director of Graduate Research, College of Life and Environmental Sciences

School of Biosciences

Dr Hotchin is a cell biologist with an interest in normal epithelial cell function and in understanding the processes that contribute to diseases such as cancer. He has published a number of high impact papers on the role of small GTP-binding proteins in control of epithelial cell function. In addition to his research and teaching activities, Dr Hotchin is also currently Director of Graduate ...

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Dr Damon Huber (/schools/biosciences/staff/profile.aspx?ReferenceId=53907&Name=dr-damon-huber)

Birmingham Fellow

School of Biosciences

Damon Huber is interested in using a combination of biochemistry and molecular genetics to address complex biological problems in bacteria. The research in his lab is focused on the transport of proteins across the cytoplasmic membrane by the Sec machinery in bacteria, protein folding, and the connection between folding and transport. Damon is a Birmingham Fellow who joined the Institute of ...

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Dr Eva Hyde (/schools/biosciences/staff/profile.aspx?ReferenceId=5377&Name=dr-eva-hyde)

Senior lecturer

School of Biosciences

Eva Hyde's research interests are how proteins recognise their appropriate ligands; this includes the recognition of substrates by enzymes and the binding of proteins to their cognate operator DNA and to other proteins. She has extensive experience in NMR spectroscopy and complementary biophysical techniques, such as fluorescence and circular dichroism, and, more recently, in small angle ...

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