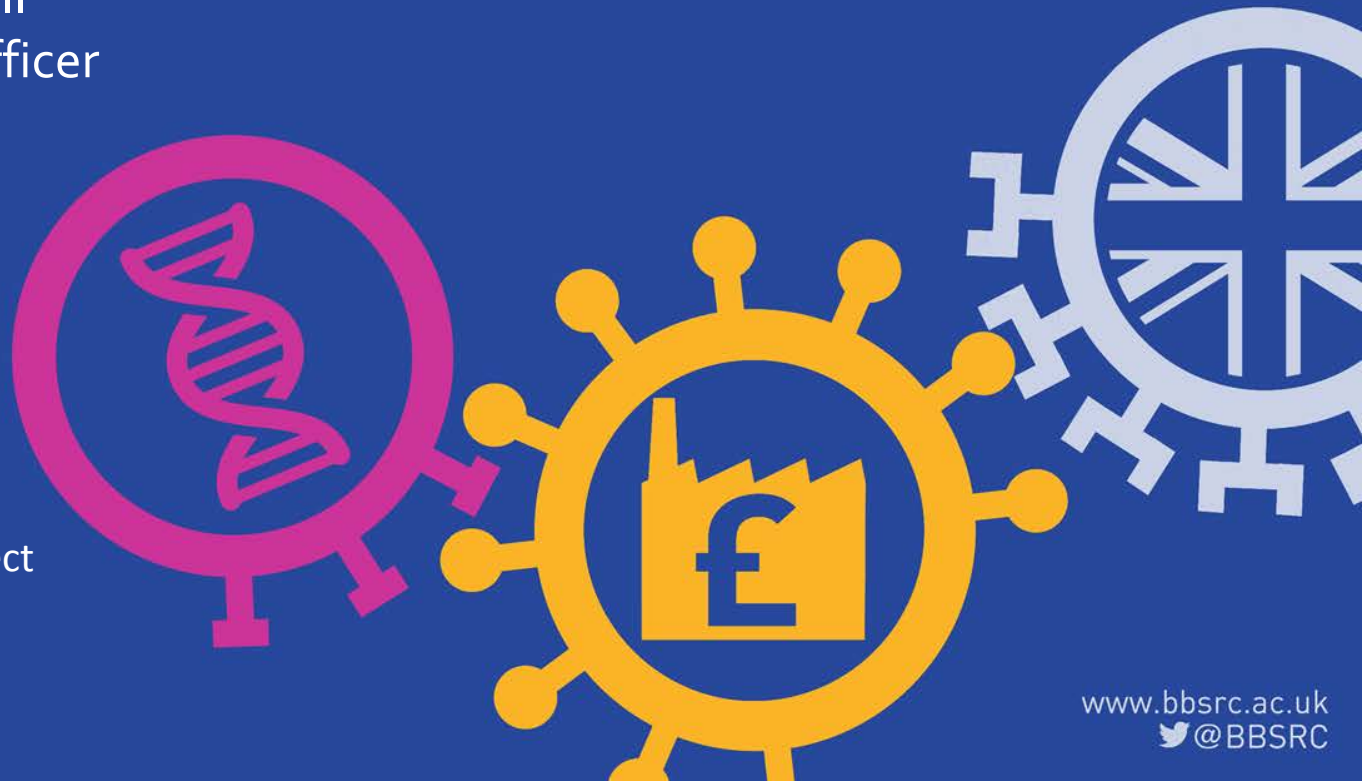




# BBSRC support for computational and structural biology

Dr David MacDougall  
Strategy & Policy Officer



4th Annual CCP-SAS Project  
Workshop  
19-21 June 2017



BBSRC's vision is for the  
power of biology  
to deliver a **healthy**, prosperous  
and **sustainable** future

# BBSRC Strategic Priorities

## Three major strategic priorities

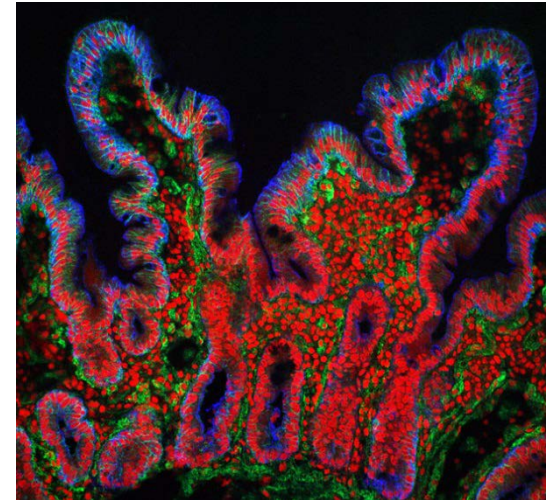
### Agriculture and food security



### Industrial biotechnology and bioenergy



### Bioscience for health



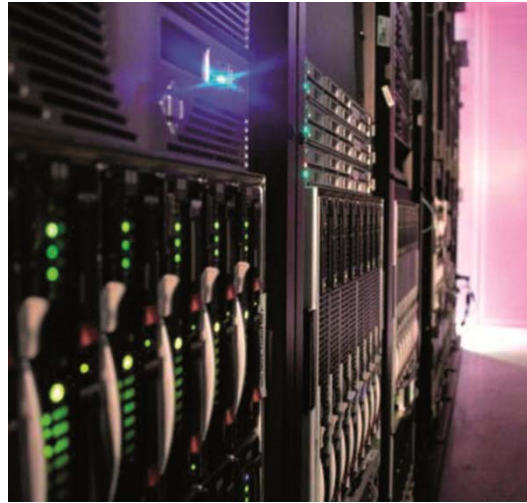
# BBSRC Enabling Themes

## Three crucial enabling themes

### Enabling Innovation



### Exploiting new ways of working



### Partnerships





# BBSRC research topics

Ageing  
Animal health  
Animal welfare  
Bioenergy  
Crop science  
Diet and Health  
Immunology  
Industrial biotechnology  
Microbiology  
Neuroscience and behaviour  
Pharmaceuticals  
Plant science  
Regenerative biology and tissue engineering  
Soil science  
Stem cells

## **Structural biology**

Synthetic biology

## **Technology development**

The 3 Rs

# Responsive mode priority: Data driven biology

## The **data driven biology** priority

- aims to encourage the development of the **bioinformatics tools** and **computational approaches** that are required to extract value and generate new biological understanding from the huge volume and diversity of bioscience data now available and so underpin and enable biological research
- seeks to encourage **exploitation** of **advanced computing** technologies and approaches
- complements the **technology development** priority by providing a focus on the computational tools, resources and methods that are essential to derive maximum value from bioanalytical or biological-based technologies

# Collaborative Computing Projects



# Why contribute funds to this meeting?

BBSRC notes the following CCP-SAS meeting aims:

- To discuss applications of SASSIE-web to biological problems (including industrial users)
- To demonstrate the capabilities and applications of the SASSIE-web software for the biological user community
- To offer small group teaching opportunities



# Relevant funding schemes

**Responsive Mode:** 4<sup>th</sup> October 2017 (deadline for next round)

**Bioinformatics & Biological Resources Fund (BBR):** 28<sup>th</sup> September 2017

## **International Schemes (BBSRC grant holders)**

- Partnering Awards (£20-50k): usually Sep-Nov
- International Workshops (£10k): usually Sep-Nov
- International Travel Award Scheme (£3k): always open



# Enjoy the workshop!

Contact: [david.macdougall@bbsrc.ac.uk](mailto:david.macdougall@bbsrc.ac.uk)

4th Annual CCP-SAS Project  
Workshop  
19-21 June 2017