



Dr Lisa Buddrus

[orcid: 0000-0003-0524-7021](https://orcid.org/0000-0003-0524-7021)



LinkedIn



LIVING POSTERS' HOMEPAGE



[www.nationaltrust.org.uk](http://www.nationaltrust.org.uk)

<http://www.bloodhoundssc.com>



Researcher  
Microbiologist

Inspire and being inspired

Enable opportunities to discover, learn scientific thinking and research enquiry, and allow to fail in a safe environment

Promoting STEM



Discarded plastic bottle in the Serengeti National Park, Dec 2017

[brlsi.org/youthactivities](http://brlsi.org/youthactivities)



TASC



CURIOSITY

Connecting people



Publish

The Natural World

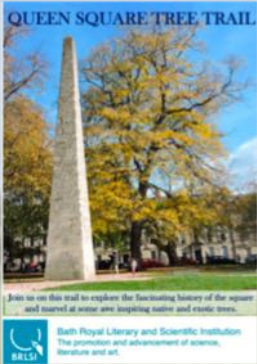


Festival of Nature 2018



What makes me curious

[https://youtu.be/DZdo1\\_DF1\\_g](https://youtu.be/DZdo1_DF1_g)



Buddrus, L *et al.* 2018. Crystal structure of an inferred ancestral bacterial pyruvate decarboxylase.

<https://doi.org/10.1107/S2053230X18002819>

Buddrus, L *et al.* 2016. Crystal structure of pyruvate decarboxylase from *Zymobacter palmae*.

<http://doi.org/10.1107/S2053230X16012012>

Buddrus, L 2016. *Creation and evaluation of a pyruvate decarboxylase dependent ethanol fermentation pathway in Geobacillus thermoglucosidasius*. Thesis (Doctor of Philosophy (PhD)). University of Bath.

Fernandez, N *et al.* 2013 Evolutionary conserved motifs constrain the RNA structure organization of picornavirus IRES.

<https://doi.org/10.1016/j.febslet.2013.03.005>

“There are **known knowns**; there are things we know we know. We also know there are **known unknowns**; that is to say we know there are some things we do not know. But there are also **unknown unknowns** — the ones we don't know we don't know.” - Donald Rumsfeld.