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Dr Lisa Buddrus

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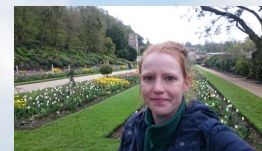


LinkedIn



www.nationaltrust.org.uk

<http://www.bloodhoundssc.com>



What makes me curious

https://youtu.be/DZdo1_DF1_g



Researcher
Microbiologist



TASC

Inspire and being inspired

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

CURIOSITY

Connecting people

Publish

Promoting STEM

The Natural World



Festival of Nature 2018



Discarded plastic bottle in the Serengeti National Park, Dec 2017

brlsi.org/youthactivities



Bath Royal Literary and Scientific Institution
The Promotion and Advancement of Science, Literature and Art

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.