

# Animal Microbiome Webinar

14th September 2023



Caroline Griffin

Livestock & Aquaculture

[caroline.griffin@iuk.ktn-uk.org](mailto:caroline.griffin@iuk.ktn-uk.org)



Pedro Carvalho

Crops

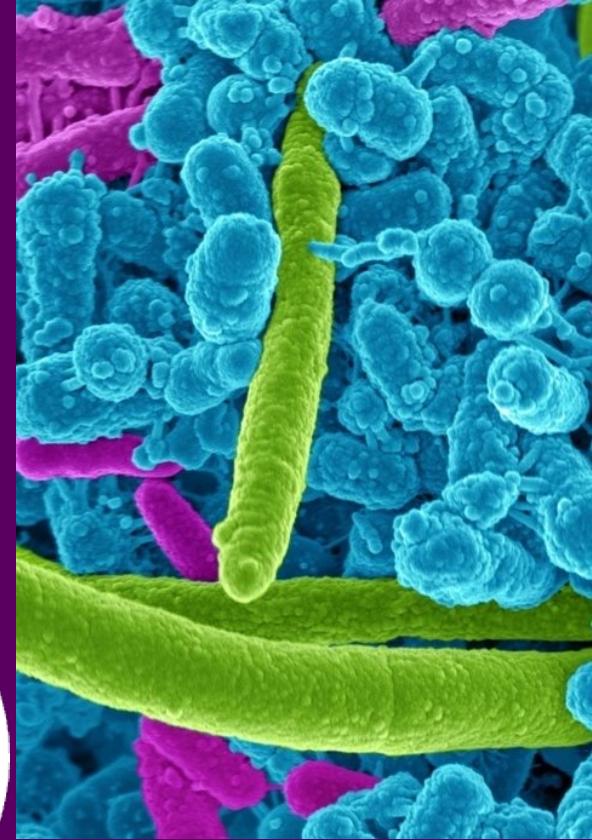
[pedro.carvalho@iuk.ktn-uk.org](mailto:pedro.carvalho@iuk.ktn-uk.org)



Gabriela Juarez Martinez

Health

[gabriela.juarezmartinez@iuk.ktn-uk.org](mailto:gabriela.juarezmartinez@iuk.ktn-uk.org)



<https://iuk.ktn-uk.org/>



Innovate UK  
KTN

# Housekeeping

- Please put any questions in the Q&A function
- Use the chat box to network and for any technical difficulties
- The event will be recorded and shared shortly after
- **Networking – Meeting Mojo:**  
<https://animal-microbiome.meeting-mojo.com/>  
Thu 14th: PM and Fri 15th: AM/PM

# Animal Microbiome Webinar - Agenda

- 10:00 – 10.15 **Welcome and IUK KTN introduction** – Caroline Griffin & Pedro Carvalho, Innovate UK KTN
- 10.15 – 10.30 **Exploitation of animal microbiomes for veterinary applications**  
Linda Oyama. Lecturer, School of Biological Sciences, Queen's University Belfast
- 10.30 – 10.45 **An industry's perspective on the importance of the microbiome in animal production**  
Kirsty Gibbs, Poultry Innovation Lead, Danisco Animal Nutrition & Health (IFF)
- 10.45 – 11.00 **Anabiomic – an alternative approach to pre and probiotic**  
Douglas Dundonald, Executive Chairman, Tharos
- 11.00 – 11.15 **Microbiome Insights: Pioneering the Future of Precision Livestock Farming**  
Christian Roghi, Director of Microbiome Solutions, Eagle Genomics
- 11.15 – 11.45 **Panel discussion with Q&A from the audience**  
Chair: Andrew Morgan (Chair of IUK KTN Microbiome Innovation Advisory Board)
- 11.45 – 11.55 **Funding Opportunities** – Caroline Griffin, Innovate UK KTN
- 11.55 – 12.00 **Closing remarks** – Caroline Griffin, Innovate UK KTN







## About Us

Innovate UK KTN exists to connect innovators with new partners and new opportunities beyond their existing thinking – accelerating ambitious ideas into real-world solutions.



# We have deep expertise in AgriFood



**Livestock &  
Aquaculture**



**Crops**



**Food**

# How we can help



**Make powerful connections**



**Secure funding**



**Get expert insight**



**Keep up to date**



# Innovate UK KTN Microbiome Innovation Activities

## **Pedro Carvalho**

Knowledge Transfer Manager - Plants & Crops

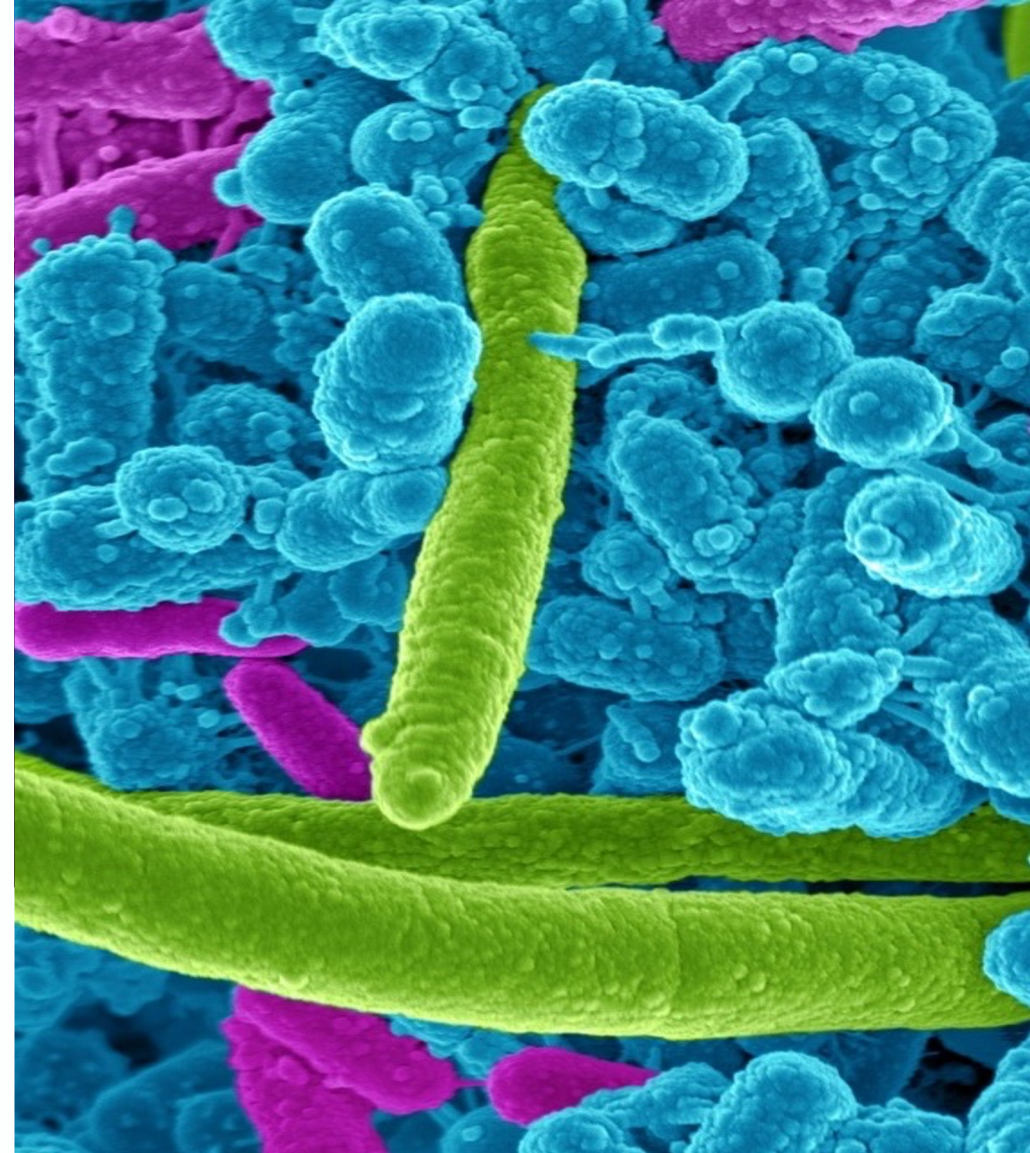
[pedro.carvalho@iuk.ktn-uk.org](mailto:pedro.carvalho@iuk.ktn-uk.org)

## **Gabriela Juarez Martinez**

Microbiome Innovation Lead

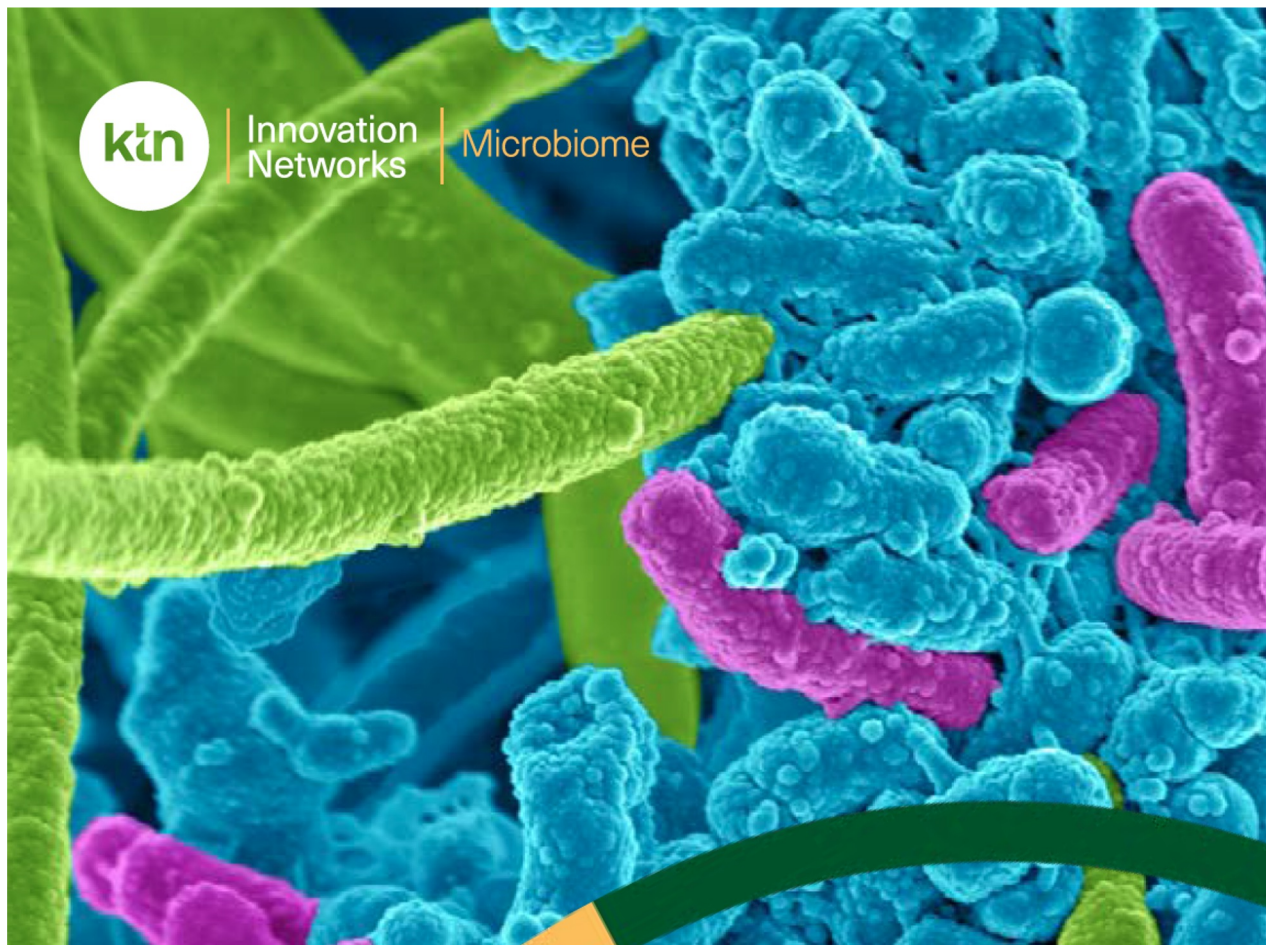
Knowledge Transfer Manager - Pharma & MedTech

[Gabriela.juarezmartinez@iuk.ktn-uk.org](mailto:Gabriela.juarezmartinez@iuk.ktn-uk.org)



InnovateUK  
KTN

# KTN Microbiome Innovation Network – 2019



**Oct 2019**

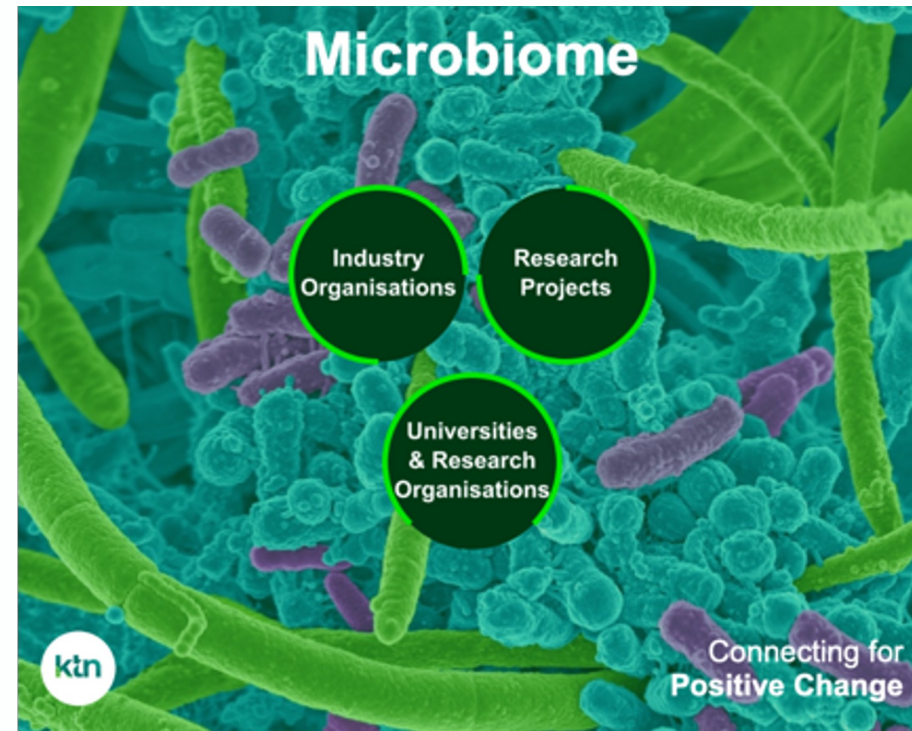
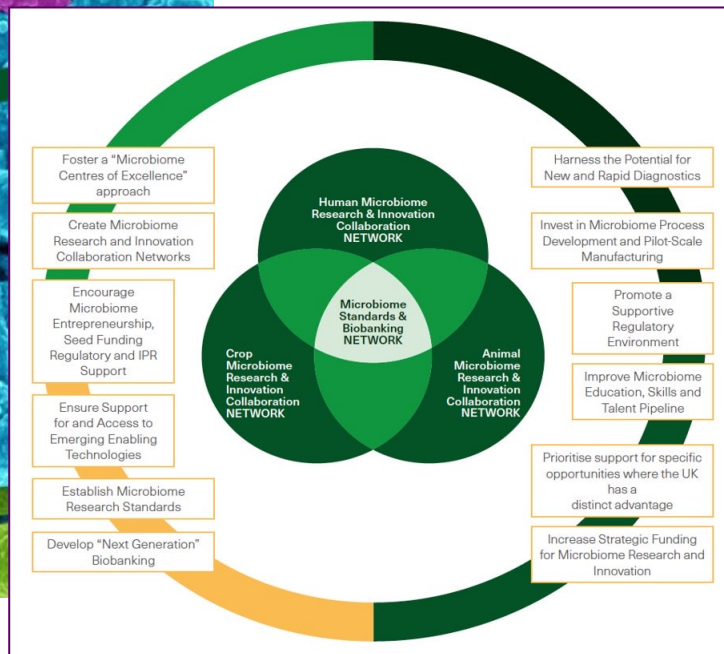
**VISION:** UK to be recognised as a **world leader** in microbiome research and innovation.

- Developing a proactive, self-sustaining microbiome community.
- Raising the visibility of the UK's world leading microbiome science & enable translation.
- Supporting access to investment.
- Support the creation of start-ups, scale-ups, industry partnerships for positive change.

<https://iuk.ktn-uk.org/agrifood/microbiome/>



# Microbiome Strategic Roadmap & Landscape Map - 2021



<https://iuk.ktn-uk.org/programme/microbiome-landscape/>

<https://iuk.ktn-uk.org/wp-content/uploads/2021/02/Microbiome Strategic Roadmap FINAL.pdf>

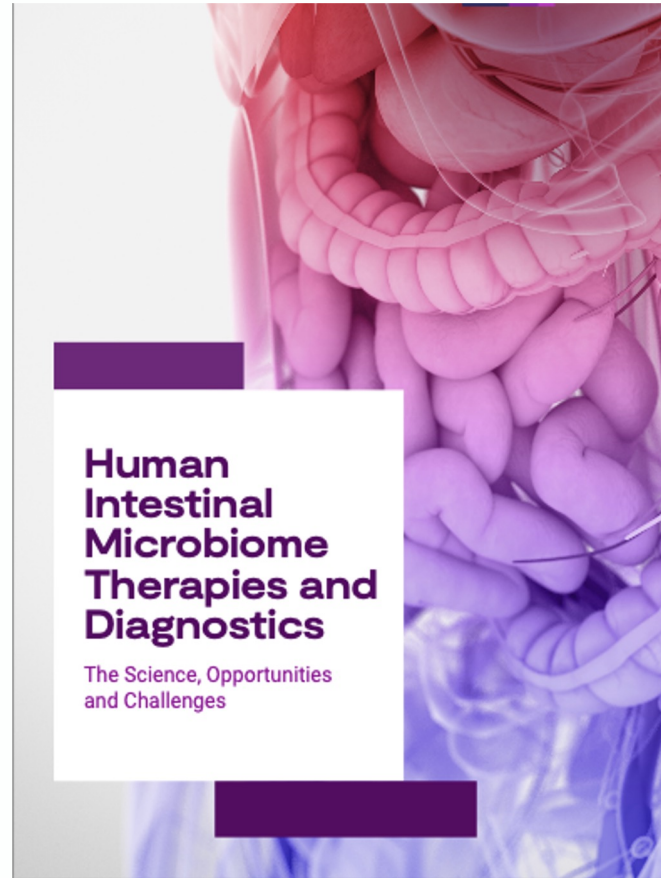
# Reports

November 2021



<https://tinyurl.com/2kuy3335>

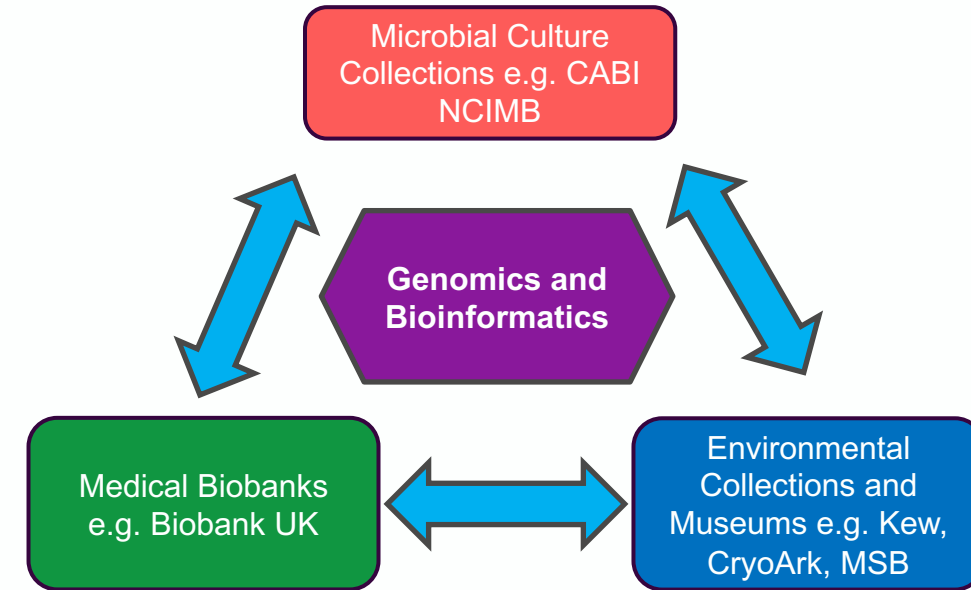
February 2023



<https://tinyurl.com/3rw3snem>

Soon...

## Biobanking – Securing the Future of Microbiome Science & Innovation





# One-Health Microbiome Conference 2023



In partnership with:



## Exploring Microbiome Innovation: Insights from the Microbiome One Health Conference (April 2023)

By Dr Andrew Morgan (Chair of IUUK KTN Microbiome Innovation Advisory Board)

<https://iuk.ktn-uk.org/news/exploring-microbiome-innovation-insights-from-the-microbiome-one-health-conference/>





# Phage Innovation Network - 2022

## Direct impacts

- Understand emerging innovations in the development of Phage-based technologies (PBTs)
- Improve cross sector access to PBTs
- Create a business community around innovations in phage research for sector growth and economic benefit in the UK
- Change perceptions of anti-infectives and their role in society



## Francesca Hodges

Knowledge Transfer Manager - Emerging Technologies and Industries

[francesca.hodges@iuk.ktn-uk.org](mailto:francesca.hodges@iuk.ktn-uk.org)

<https://iuk.ktn-uk.org/news/innovate-uk-ktn-launches-phage-innovation-network/>

# Please Join Us

<https://ktn-uk.org/agrifood/microbiome/>

<https://www.linkedin.com/groups/13747150/>



InnovateUK  
KTN