

Dynamic Modelling

Informing public health, vaccine development & prevention strategies.

Join the workshop at the interface of modelling,
epidemiology, and translational research.

**7th
July 2026
Berlin**

Dynamic modelling has become a powerful tool for advancing infectious disease research – providing critical insights into how infectious diseases spread, how interventions like vaccines perform, and how future scenarios may unfold.

Through expert-led sessions and interdisciplinary discussions, participants will explore how modelling frameworks can be aligned with experimental and clinical research to enhance impact and innovation.

The introductory workshop is designed for early and mid-career scientists and those interested, particularly from DZIF units who are starting or considering to use dynamic modelling or want to learn “*HOW TO...*”

Organisation:

DZIF Translational Infrastructure Bioresources,
Biodata and Digital Health (TI BBD)

Dr. Maria Volkmann

Questions?

Please contact volkmannm@rki.de

Venue:

Lecture Hall @ Robert Koch Institut
Seestraße 10, 13353 Berlin

Course fees: None

Registration deadline: June 30, 2026

Register here 



Dynamic Modelling – Informing public health, vaccine development & prevention strategies

Tuesday, 7th July, 2026

9.50 – 10.20	Arrival
10.20 - 10.45	Welcoming introduction: The interconnectedness of data and models
10.45 – 12.15	<p>Keynote “Mathematical modelling of antimicrobial resistance”</p> <p>Epidemiological data and models – different types of</p> <ul style="list-style-type: none"> • Infectious disease epidemiological data and study designs • Modelling infectious diseases (nowcasting, forecasting, scenario)
12.15 – 13.00	Lunch Break
13.00 - 14.30	<p>Deep dive into infectious disease modelling of</p> <ul style="list-style-type: none"> • Outbreaks and epidemics, • Interventions and vaccines (candidates)
14.30- 15.00	Coffee Break
15.00 – 16.00	Developing deeper understanding of the strengths and limitations of different data and modelling techniques
16.00 – 16.20	Wrap up & closing remarks

Invited speaker
from
London School of Hygiene & Tropical Medicine



Prof. Gwen Knight

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