FEBRUARY 17 - 18, 2026

TZR
TIERMEDIZINISCHES ZENTRUM
FÜR RESISTENZFORSCHUNG

2nd INTERNATIONAL SYMPOSIUM

EVOLUTIONARY AND CLINICAL ASPECTS OF ANTIINFECTIVE RESISTANCE

KEYNOTE SPEAKERS:

Stephen Doyle | Charlotte Lauridsen

Colin Ross Parrish | Vincent Perreten

Katharina Schaufler | Hinrich Schulenburg

Barbora Trubenova | Annelies Zinkernagel

SCHOOL OF VETERINARY MEDICINE
FREIE UNIVERSITÄT BERLIN
Veterinarium Progressum
Oertzenweg 19 B | 14163 Berlin

Attendance at the event counts as further training within the meaning of §10 of the ATF statutes.

The first International Symposium at the Veterinary Centre for Resistance Research (Tiermedizinisches Zentrum für Resistenzforschung, TZR, https://www.vetmed.fu-berlin.de/einrichtungen/sonstige/tzr/Veranstaltungen/index.html), Freie Universität Berlin, Germany, will be held on the **17th/18th of February 2026**.

The symposium on **"Evolutionary and Clinical Aspects Of Antiinfective Resistance"** will host eight keynote lectures from internationally acknowledged scientists in the field of antiinfective resistance research. The symposium will see four sessions on: evolutionary factors (1), molecular mechanisms (2), mitigation (3) and clinical consequences (4) of antiinfective resistance evolution. There will also be the opportunity to present latest own research findings related to the topic of the symposium via oral or poster presentations on site.

Colleagues are invited to submit abstracts (deadline: 5th of January 2026) via the symposium registration website (https://www.conftool.net/tzr2026/).

admission fees	
Regular onsite	180,– €
Students/PhD onsite	100,– €
online	90,– €

FREIE UNIVERSITÄT BERLIN

Fachbereich Veterinärmedizin der Freien Universität Berlin

Elanco

MSD Animal Health

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ATF hours are credited for participation.

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Programme:

17.02.2026

13:00	**Georg von Samson-Himmelstjerna** and **Uwe Rösler:** Welcome
Session I:	**Evolutionary factors and drivers of anti-infective-resistance development**
13:15	Keynote 1: **Annelies Zinkernagel:** Staphylococcal host adaptation
13:45 – 14.30	Selected oral presentations 1-3
14:30	Keynote 2: **Katharina Schaufler:** When antimicrobial resistance meets virulence: convergence, underlying mechanisms, and fitness impact in selected *Klebsiella pneumoniae*
15:00	General discussion
15:30	Coffee and poster session
Session II:	**Molecular mechanisms of anti-infective-resistance evolution**
16:00	Keynote 3: **Hinrich Schulenburg:** Evolutionary medicine of antimicrobial therapy: How to use evolutionary principles to control antimicrobial resistance in bacterial pathogens
16:30 – 17.30	Selected oral presentation 4-7
17:30	Keynote 4: **Steve Doyle:** Resolving the genetics of anthelmintic resistance, from the lab to the field
18:00	General discussion
18:30	End of Session/ Wrap-up of first day
19:00	Dinner

18.02.2026

Session III:	**Approaches to prevent or mitigate evolution of anti-infective resistance**
09:00	Keynote 5: **Charlotte Lauridsen:** Reducing antimicrobial resistance burden from livestock production targeting pig gut health
09:30 – 10.15	Selected oral presentation 8-10
10:15	General discussion
10:45	Coffee and poster session
11:15	Keynote 6: **Collin Parrish:** Understanding the Parallel Evolution of Emerging Parvoviruses and H3N8 Influenza Viruses in Their Original and New Hosts
11:45 – 12.30	Selected oral presentation 11-13
12:30	General discussion
13:00	Lunch and poster session
Session IV:	**Clinical and veterinary public health consequences of anti-infective-resistance evolution**
14:00	Keynote 7: **Vincent Perreten:** Spread of bacterial resistance to critically important antimicrobials in animals
14:30 – 15.15	Selected oral presentation 14-15
15:15	Keynote 8: **Barbora Trubenova:** Beyond Boundaries: Drug Resistance Evolution from a Cross-Taxonomic Perspective
15:45	General discussion
16:15	End of Session / Wrap-up of second day / Closing remarks and departure