

## State of the Art

- DAMR – JTU – Prof. Stefan Schwarz (FUB) - Antimicrobial Resistance: origins, mechanisms of resistance, transmission of resistance between bacteria  
[link to the lecture](#)
- DAMR – JTU – Prof. Bruno González-Zorn (UCM) - AMR, WGS and One Health  
[link to the lecture](#)
- DAMR – JTU – Dr. Leonardo Pagani (Bolzano Central Hospital) - The perfect storm is knocking on my door

[link to the lecture](#)

## Mechanism of Antimicrobial Resistance

- DAMR – JTU – Dr. Andrea Feßler, Phd (FUB) - Antimicrobial susceptibility testing of bacteria from animals  
[link to the lecture](#)
- DAMR – JTU – Prof. Roberta Migliavacca (UNIPV) - Mechanisms of antibiotic resistance and their genetic supports in Gram-negative bacteria of clinical importance  
[link to the lecture](#)
- DAMR – JTU – Dr. Lorenzo Brusetti (UNIBZ) - Antibiotic resistance genes and related cassettes into natural environments

[link to the lecture](#)

## Antimicrobial agents in Veterinary Science

- DAMR – JTU – Prof. Andrea Barbarossa (UNIBO) - Prudent use of antimicrobials in veterinary medicine  
[link to the lecture](#)
- DAMR – JTU – Prof. Barbara Padalino (UNIBO) - Use of antibiotics in animal related practices  
[link to the lecture](#)
- DAMR – JTU – Prof. Paolo Trevisi (UNIBO) - Nutritional strategies to reduce the antibiotic need in weaned pigs

[link to the lecture](#)

- DAMR – JTU – Prof. Daniel Remondini (UNIBO) - Network-based approaches to Food Safety and Antimicrobial Resistance: a survey

[link to the lecture](#)

## **Applications of new molecular technologies in antimicrobial resistance**

- DAMR – JTU – Dr. Frédérique Pasquali (UNIBO) - Application of WGS to trace *L. monocytogenes* in a rabbit meat processing plant: the concept of persistence beyond resistance

[link to the lecture](#)

- DAMR – JTU – Prof. Fabio Gentilini (UNIBO) - *Acinetobacter* spp. sequencing for assessing the complete AMR profile using the Oxford Nanopore Minion device

[link to the lecture](#)

- DAMR – JTU – Dr. Bosco R. Matamoros (UCM) - Metagenomics and AMR using hybrid sequencing technologies

[link to the lecture](#)

- DAMR – JTU – Carlos Serna (UCM) - Tracing evolution of AMR using WGS

[link to the lecture](#)

- DAMR – JTU – Óscar Cortés Gardyn (UCM) - WGS and Phylogeny in prokaryotes and eukaryotes

[link to the lecture](#)

- DAMR – JTU – Dr. José Antonio Escudero García-Calderón (UCM) - Integrons and WGS

[link to the lecture](#)

- DAMR – JTU – Dr. Aurora Piazza (UNIPV) - Molecular typing of Gram-negative MDR pathogens: different approaches for different aims

[link to the lecture](#)