

# PhD Defence

## Kamilla Ankær Brejndal

*Intersection of antibiotic resistance pathways and cellular metabolism:  
The Role of the CrrAB Two-component System in Klebsiella pneumonia*

*Thesis title:*

*Molecular mechanisms of the Klebsiella pneumoniae CrrA/CrrB two-component system leading to acquisition of colistin resistance*

Thursday 19 December 2024 at 14:15  
in U20

**Assessment committee:**

Professor Birgitte Haahr Kallipolitis (chairman)  
Department of Biochemistry and  
Molecular Biology  
University of Southern Denmark

Associate Professor Anne-Catrin Uhlemann  
Irving Medical Center  
Columbia University, NY, US

Senior Scientist Henrik Hasman  
Statens Serum Institut

**Supervisor:**

Associate Professor Finn Kirpekar  
Department of Biochemistry and  
Molecular Biology  
University of Southern Denmark