

# Priv.-Doz. Dr. Kathrin Kober-Rychli

## C u r r i c u l u m V i t a e

### A C A D E M I C C A R E E R



Date of birth: 04.05.1979  
Place of birth: Meran, Italy  
Nationality: Austrian



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### L A N G U A G E S

GERMAN  
Native speaker

ENGLISH  
Level C1

#### HABILITATION - *venia docendi*

in Molecular Food Microbiology and Zoonosis | University of Veterinary Medicine Vienna | Austria | 06/2021

#### GROUP LEADER

Unit of Food Microbiology, Institute of Food Safety, Food Technology and Veterinary Public Health, Veterinary University of Vienna | Austria | 09/2009 – current

#### POSTDOC

Department of Internal Medicine II, Medical University of Vienna | Austria | 2008 – 2009

Research focus: Angiogenesis in the human heart  
Supervision: Prof. Dr. Wojta

#### DOCTORATE (PhD)

University of Vienna & Department of Internal Medicine II, Medical University of Vienna | Austria | 2005 – 2008

Title: Regulation of angiogenic biomolecules in the human heart.  
Supervision: Prof. Dr. Wojta

#### DIPLOMA THESIS

Department of Biochemistry, University of Vienna | Austria | 2003 – 2004

Title: Transport of proteins into peroxisomes: permeabilized yeast cells as a tool to establish an *in vitro*-import system.  
Supervision: Prof. Dr. Hartig

### E D U C A T I O N

#### DOCTORATE STUDIES

University of Vienna | Vienna, Austria | 2005 – 2008  
passed with very good

#### STUDY OF CHEMISTRY

University of Vienna | Vienna, Austria | 1998 – 2004  
passed with distinction

#### HIGH SCHOOL DIPLOMA

Realgymnasium Keimgasse | Mödling, Austria | 1990 – 1998  
passed with distinction

## P R O J E C T S

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### THE ROLE OF THE RHS INSERTION IN BACTERIAL COMPETITION AND VIRULENCE OF *LISTERIA MONOCYTOGENES*

FWF | project leader | 2023-2026

### AUSTRIAN COMPETENCE CENTRE FOR FEED AND FOOD SAFETY AND INNOVATION-FFOQSI

Key researcher of projects “Biofilms in the food processing environment.” and “Frozen Vegetables” | 2021-2024

### PATHOSEQ-FOOD SAFETY WITH HIGH PRECISION-PATHOGENOMICS FOR THE FOOD INDUSTRY

Research Council of Norway | project partner | 2021-2024

### AUSTRIAN COMPETENCE CENTRE FOR FEED AND FOOD SAFETY AND INNOVATION-FFOQSI

Key researcher of project “Biofilms in the food processing environment.” | 2017-2020

### HYPERVARIABLE GENETIC HOTSPOTS IN *LISTERIA MONOCYTOGENES*: THE ROLE OF THE HOTSPOT *LMO0443-LMO0449* IN STRESS RESPONSE AND VIRULENCE

FWF | project leader | 2015-2020

### BIOACTIVE MICROBIAL METABOLITES-BIMM CORE FACILITY

Vetmed project leader | One invention | 2015-2020

### ADDA-ADVANCEMENT OF DAIRYING IN AUSTRIA

FFG funded K-project | key researcher of the project “Udder Health and Treatment” | 2014-2017

### OeAD PROJECT AUSTRIA-ROMANIA

OeAD | project leader | 2014-2015

### NOVEL INTERNALIN-LIKE PROTEINS IN *LISTERIA MONOCYTOGENES* QUARGEL OUTBREAK STRAIN.

Start-up project of the University of Veterinary Medicine Vienna | project leader | 2013-2017

### EPIMED-MICROBIAL EPIGENETICS FOR MEDICINE – NOVEL DRUGS AND ANTIBIOTICS AND THEIR MODE-OF-ACTION

NFB-funded | project partner | 2012-2015

## A W A R D S

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2022	Recognition Award of the Province of Lower Austria
2021	Armin Tschermak von Seysenegg-Preis 2021 for publication on biofilms
2019	Dr. Hermann Zittmayr-Preis 2019 for my achievement in <i>Listeria</i> research
2016	“Microbial Genomics Most Promising Science Prize” for <i>Listeria</i> genome study
2015	Best “Young Scientist”, University of Veterinary Medicine Vienna for funding of FWF project
2010	Wiener Wirtschaftskammerpreis 2010 for <i>Listeria</i> project
2007	Ebrantil Congress Stipendium
2003	Award “Leistungsstipendium”- scholarship for achievement, University of Vienna, Austria
2002	Award “Leistungsstipendium”- scholarship for achievement, University of Vienna, Austria

## OTHER PROFESSIONAL ACTIVITIES AND MEMBERSHIPS

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- Member of the Innovation Vet Circle of the University of Veterinary Medicine Vienna | 2019- current
- Member of the Austrian Society of Hygiene, Microbiology and Preventive Medicine | 2015- current
- Member of the ULV-Vetmeduni | 2015- current
- Reviewer for the journals Applied and Environmental Microbiology, International Journal of Food Microbiology, Frontiers in Microbiology, Journal of Food Protection | 2015- current
- Reviewer for grant proposal of the British Research Council BBSRC and the French funding agency ANR | 2019- current

## TEACHING EXPERIENCE

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- Special Aspects of Genetics (konserv) | 2017- current
- „Einführung zur Lebensmitteluntersuchung und Erstellung von Gutachten“ (konvers) | 2017- current
- „Lebensmitteluntersuchung und Erstellung von Gutachten“ (lab course) | 2018- current
- „Übungen zur Qualitätssicherung und Risikobewertung von Lebensmitteln“ (lab course) | 2010- current
- Molecular Biology (lecture) | 2012-2016