



## Dr. med. vet. habil. Amir Abdulmawjood (B.V.M.&S., M.Sc.)

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### Core Competencies:

- **Versatile and accomplished Senior Laboratory Leader** offering over **20 years** experience in the areas of Molecular Microbiology and Food Safety in Veterinary Medicine
- **Approved by Association of Analytical Communities (AOAC)** in the USA as independent laboratory for validation studies
- **Received MicoVal-approval** for the laboratory as Expert Laboratory in Europe (MicoVal is an European organization for the validation and certification) (2009-2014)
- **Project Leader of various European or German government research**, heading the Division of the Molecular Microbiology at Justus-Liebig-University of Giessen, Germany
- **Outstanding track record of conducting successful researches in development, standardization and validation of molecular-methods** for detection of microorganisms for example *Mycobacterium avium* subsp. *paratuberculosis* or *Clostridium botulinum* toxins as an alternative to the mouse bio-assay, validation of PCR-Methods for the detection of *E. coli* O157, detection of BSE risk material and molecular identification of different animal species and subspecies
- **Provide exceptional meeting contributions** by DIN § 64 for the German federal office of consumer protection and food safety and ISO STEC ad hoc Group for European standardised food safety methods
- **Recognized as a hands-on**, in Laboratory diagnostics of pathogenic bacteria using conventional methods and also supervision of PhD students and research projects
- **An excellent communicator** with the ability to work under pressure in fast-paced, time sensitive environments. Proven ability to interact effectively with people of diverse nationalities and comfortable working in a multi-nationality set-up

### Special Achievements:

- Rewarded as "**The Most Admired Researcher**" by the **Genomic Pioneer Awards**, 2008 at the HUGO's International Human Genome Meeting
- Name published in the European Food Safety Authority EFSA s-experts database since 2009
- Approved Patent for "Species-specific and quantitative detection of BSE-risk material in processed foodstuff" - [Patent](#) Dec 2003
- Approved Patent for "Specific detection of *Mycobacterium avium* ssp. *paratuberculosis* with a specific and highly sensitive real-time PCR" - [Espacenet](#) Mar 2007
- Successful management of different food safety projects including several validation and collaborative studies

### Career Progression

2016 - present                      **Group leader of Foodborne zoonoses** at the  
Research Center for Emerging Infections and Zoonoses  
(RIZ), University of Veterinary Medicine Hannover

2011 - present                      **Senior Research Scientist at the Molecular Division**  
Institute of Food Quality and Food Safety,  
University of Veterinary Medicine Hannover

in Dec 2010

**Habilitation in the field of Food quality and Food safety** Institute of Veterinary Food Science.

Justus-Liebig-University Giessen, Germany

**Academic Counsellor for three**

**in Nov 2005** Institute of Veterinary Food Science.

Justus -Liebig -University Giessen, Germany

**Head of Molecular Division**

**Dec 1999 - Dec 2010** Institute of Veterinary Food Science.

Justus -Liebig -University Giessen, Germany

**Professional Trainings**

- Training course "Introduction to Marketing", (3 months) Faculty of Business Administration and Economics, Department of Marketing, Justus-Liebig-University, Giessen
- Advanced training course, Project managers and representatives for biological security with the topic: Law of Genetic Engineering, potential danger, safety measures and statutory order, according to § 15 section 2 clause 1 No. 3 Gen TSV, Philipps-University, Marburg, Germany
- Multi media and presentations´programs Faculty of Psychology, Justus-Liebig-University, Giessen
- Training course Real time PCR "ABI PRISM® 7000 Sequence DetectionSystem" Applied Biosystems, Darmstadt

**Educational Qualifications**

Oct 1995 - Dec 1999

**Doctoral Degree, Molecular Microbiology**

Institute of Bacteriology and Immunology  
Justus-Liebig-University, Giessen, Germany.  
Scholarship from DAAD

Jun 1990 - Dec 1992

**M.Sc. Degree, Microbiology (Virology)**

University of Mosul, Mosul-Iraq

Jun 1981 - Jun 1986

**B. V. M & S. (1986) Bachelor of Veterinary Medicine and Surgery**

College of Veterinary Medicine University of Mosul,  
Mosul-Iraq

**[Publications](#)**

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