



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Mihai Doru Obadă**
Address Codrescu Street, No. 7A, 700479 Iași (Romania)
Mobile +40.751242047
E-mail(s) omishud@yahoo.com
Nationality Romanian
Date of birth 09/07/1983
Gender Male

Desired employment / Occupational field

Veterinarian

Work experience

Dates 01/10/2008 - present
Occupation or position held PhD Student
Main activities and responsibilities Thesis Title: "Researches regarding the use of a program for screening and control of food poisoning with Salmonella species and Campylobacter species by phenotypical and molecular investigation
My research on food poisoning pathogens mainly focuses on the polyphase taxonomy (phenotypical and molecular), the epidemiological surveillance of food, the incidence and the identification of risk factors, the effective measures to prevent and combat food poisoning and the study of surface-mediated interactions between intracellular pathogens and their host cells. I am using different model organisms including the food poisoning Salmonella enterica (salmonellosis disease bacterium) and Campylobacter jejuni (campylobacteriosis disease bacterium). The mechanisms used by these pathogens to enter host cells, effect responses, and establish an intracellular infection, as well as the surface molecules that mediate the process are of particular interest. Recently, I have investigated potential relationships between virulence factors and salmonellosis disease bacterium in Salmonella spp. I am particularly interested in identifying genes with functions in relation to virulence.
In a paper published I was able to identify the incidence of Salmonella spp. in poultry slaughtering units. While previous studies on the incidence of Salmonella spp. mostly use industry-level data, I used instead data on individuals as it allows me to have detailed information on poultry. Moreover, I have done this study in order to estimate the microbiological quality of poultry carcasses and the distribution of Salmonella spp. serovars in Iasi county.
In another paper published I aimed to study possibilities to use some feed additives in broilers feeding, namely an additive based on organic and anorganic acids with trade name Biotronic, an symbiotic additive Imbo and an additive based on plant extract named Pep. Results of performed experiences proved the efficiency of additives used in broilers diet by reducing the index consumption, weight gain and reduced mortality, not least by improving their welfare.

Name and address of employer "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine, Iași, Romania
Mihail Sadoveanu Alee, No.8, 707027 Iasi (Romania)
Type of business or sector Veterinary Medicine

Dates	01/10/2008 - present
Occupation or position held	University Assistant
Main activities and responsibilities	<p>Didactic activity related tasks :</p> <p>-planning and teaching the seminar courses : FOOD HYGIENE AND TECHNOLOGY, FOOD ADDITIVES, FOOD SAFETY</p> <p>FOOD HYGIENE AND TECHNOLOGY – I am teaching the basic food processing unit operations, the processing steps of various animal originated products, the role and the mechanism of different preservation methods used in animal originated food processing, the integrate concepts of chemistry, biochemistry, physics, engineering, with food processing operations and understand their role in processing, sanitation and safety assurance of food, the critically problems and issues in food processing, the role of food hygiene and sanitation procedures in assurance of food safety.</p> <p>FOOD ADDITIVES - I am teaching the types, classifications, functions, chemical structures, physicochemical characteristics, mechanisms of reactions, and applications of food additives. The principles of the analysis of food additives are also briefly covered. The aspects of safety and national regulation related to food additives are also covered.</p> <p>FOOD SAFETY – I am teaching how to handle, prepare, and storage food in ways that prevent foodborne illness. I am assuring a high level of food safety, animal health, animal welfare and plant health within the European Union through coherent farm-to-table measures.</p> <p>-preparing and supervising the examination;</p> <p>-evaluation of the students;</p> <p>-assisting the students in preparing their final papers;</p>
Name and address of employer	"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine, Iași, Romania Mihail Sadoveanu Alee, No.8, 707027 Iasi (Romania)
Type of business or sector	Veterinary Medicine

Dates	01/03/2011 - 01/06/2011
Occupation or position held	Postgraduate student
Main activities and responsibilities	POLYMERASE CHAIN REACTION VIRULOTYPING, MULTILOCUSS SEQUENCE TYPING, DNA EXTRACTION,
Name and address of employer	University of Liverpool Brownlow Hill, L69 7ZX Liverpool (United Kingdom)
Type of business or sector	research

Dates	14/05/2007 - 10/10/2007
Occupation or position held	farm worker
Main activities and responsibilities	Strawberry culture technology; Apple culture technology
Name and address of employer	Wares Farm Linton, Maidstone,, ME17 4BB kent (United Kingdom)
Type of business or sector	Agriculture

Education and training

Dates	01/10/2008 - 01/02/2010
Title of qualification awarded	Master degree-Inspection and control of the animal origin products
Principal subjects / occupational skills covered	Food hygiene / Control of Animal Originated Food / Food Toxicology / Technology products of animal origin / Food quality / Food biosecurity
Name and type of organisation providing education and training	"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine, Iași, Romania Aleea Mihail Sadoveanu, No. 8, 700489 Iasi (Iasi)
Level in national or international classification	ISCED 6

Dates 01/10/2002 - 01/05/2008
 Title of qualification awarded Doctor Veterinary Medicine
 Principal subjects / occupational skills covered Genetics / Microbiology / Informing, documentation and scientific communication / Pharmacology / Epidemiology / Immunology and Immunopathology / Didactics of speciality / Teaching practice/ Veterinary hygiene and environment protection / Toxicology / Hygiene and alimentary technology / Inspection and control of animal products / Legal medicine / Pharmacy / Legislation and veterinary deontology / State veterinary medicine and public health / Alimentary security / Clinics of large animals/ Clinics of suine and poultry / Laboratory diagnosis
 Name and type of organisation providing education and training "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine (University) Aleea Mihail Sadoveanu, No.8, 700489 Iasi (Romania)
 Level in national or international classification ISCED 6

Dates 01/10/2002 - 01/06/2007
 Title of qualification awarded Graduation Certificate in preparing teachers
 Principal subjects / occupational skills covered Educational Psychology/ Pedagogy/ Didactics of speciality / Computer assisted instruction / Pedagogical practice
 Name and type of organisation providing education and training "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine (University) Aleea Mihail Sadoveanu, No. 8, 700489 Iasi (Iasi)
 Level in national or international classification ISCED 6

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment
 European level (*)

English
French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user
A2	Basic User	A2	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences I took part in many social volunteer activities and I worked with foreigners and I am able able to adapt to a constantly changing work environment, and also establish and maintain good working relationship with individuals of different culture backgrounds;

Organisational skills and competences I have ability to keep up with the latest scientific developments, I am an enquiring mind, I am at good solving problems, I am thinking clear and logical, I have high levels of accuracy and attention to detail, I have ability to lead a team and I have the ability to work with statistics and relevant computer packages.

Technical skills and competences Teaching using multimedia tools; New courses development, design, research; Research Papers' writing and presentation.

Computer skills and competences MSWindows & MSOffice; COREL Draw & Photopaint; Adobe Photoshop; Multimedia, Internet.

Other skills and competences I am a person with a high perseverance level, someone who is motivated and ambitious

Driving licence(s) B