



Learning Agreement

Student Mobility for Traineeships

Higher Education:
Student's name

Academic Year 2016/2017

Trainee	Last name(s)		First name(s)		Neptun code		e-mail address	
	Galambos		Nikoletta		IUD2CP		nikoletta.galambos@gmail.com	
	Date of birth		Nationality ¹	Sex [M/F]	Study cycle (bachelor, master, PhD) ²	Field of education ³ (ISCED code, degree programme)		
	23/04/1991		HU	F	master	0812		
Sending Institution	Name		Erasmus code ⁴		PIC code		Country code	
	Szent István University		HU GODOLLO01		999885604		HU	
	Faculty/ Department		Contact person name ⁵		Contact person email; phone			
	Faculty of Horticultural Science		Dr. Zsuzsanna Végvári-Kothencz		kothencz.zsuzsanna@kertk.szie.hu, +36 1 305 7314			
Receiving Organisation /Enterprise	Name		Department		Address		website	
	NIAB EMR		Pest and Pathogen Ecology		New Road, East Malling, Maidstone, Kent, ME19 6BJ		http://www.emr.ac.uk/	
	Country code	Legal status	Nature of business	PIC code	Size	Contact person ⁶ name; position; e-mail; phone	Mentor ⁷ name; position; e-mail; phone	
	UK	☐ Public ☒ Private	☐ For profit ☒ Non-profit	920530583	☒ < 250 employees ☐ > 250 employees	Ross Newham; Operations Director; Ross.newham@emr.ac.uk 44 (0)1732 843833	Dr Robert Saville; Project Leader; robert.saville@emr.ac.uk 44 (0)1732 523723	

Before the mobility

Table A - Traineeship Programme at the Receiving Organisation/Enterprise Planned period of the mobility: from [month/year] ... May 2017 to [month/year]September 2017.....	
Traineeship title: Developing our understanding of the ash dieback pathogen, <i>Hymenoscyphus fraxineus</i>	
Number of working hours per week: 37	
Detailed programme of the traineeship: Ash dieback (<i>Hymenoscyphus fraxineus</i>) is a serious disease of the European Ash (<i>Fraxinus excelsior</i>) which has huge financial and ecological consequences as it devastates the ash population throughout the UK. At NIAB EMR we host a national collection of <i>Fraxinus excelsior</i> which represents a large amount of the genetic variation available in the UK population. We have developed various pathogenicity tests (artificial inoculation in controlled environments) to screen the population but until recently have not been able to simulate the infection route which occurs in nature i.e. ascospore infection through the leaf. John Mansfield has developed a pathogenicity test with ascospores and we would like to refine this through this season, analyse the nature of infection and finally screen some of our diversity panel. Listed below are the objectives of this erasmus plus project : 1. Following tagged infections in the field to see how fast leaf lesions expand and if there is spread down the rachis 2. Ascospore germination tests from early to late apothecia to see if vigour drops over the season testing water and sugar soln. 3. Apothecium/ascospore viability 4. Infection development on detached leaves throughout the season to check both leaf susceptibility and ascospore vigour 5. Infection route experiments using cleared and living tissue to examine the biotrophic/necrotrophic nature of infection. 6. PCR to determine presence of fungus 7. Examination of trees to search for different categories of susceptibility.	
Knowledge, skills and competences to be acquired by the end of the traineeship (expected Learning Outcomes): The candidate will learn many skills required of a researcher working in plant pathology many of which will be transferable to other disciplines including disease identification in the field, isolation and maintenance of cultures in the lab, developing and running pathogenicity tests in controlled environments, microscopy to track the disease and molecular work. The candidate will have experience working in a busy department/institute and exposed to a variety of projects and disciplines beyond just her own project. The candidate will also have the opportunity to learn from an eminent plant pathologist Prof. John Mansfield.	
Monitoring plan: The candidate and supervisors will have a kick-off meeting within the first week of the placement which will set out a precise work programme to include milestones. The candidate will be required to keep a project diary, recording her daily activities, and will present progress at fortnightly lab meetings.	
Evaluation plan: At each lab meeting progress will be measured against the work programme agreed in the kick-off meeting.	



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The level of language competence⁸ in English [indicate here the main language of work] that the trainee already has or agrees to acquire by the start of the mobility period is: A1 ☐ A2 ☐ B1 ☐ B2 ☐ C1 ☒ C2 ☐ Native speaker ☐

Table B - Sending Institution

Please use only one of the following three boxes:⁹

1. The traineeship is embedded in the curriculum and upon satisfactory completion of the traineeship, the institution undertakes to:

Award ECTS credits (or equivalent) ¹⁰	Give a grade based on: Traineeship certificate ☐ Final report ☐ Interview ☐
Record the traineeship in the trainee's Transcript of Records and Diploma Supplement (or equivalent).	
Record the traineeship in the trainee's Europass Mobility Document: Yes ☐ No ☐	

2. The traineeship is voluntary and, upon satisfactory completion of the traineeship, the institution undertakes to:

Award ECTS credits (or equivalent): Yes ☐ No ☐	If yes, please indicate the number of credits:
Give a grade: Yes ☐ No ☐	If yes, please indicate if this will be based on: Traineeship certificate ☐ Final report ☐ Interview ☐
Record the traineeship in the trainee's Transcript of Records: Yes ☐ No ☐	
Record the traineeship in the trainee's Diploma Supplement (or equivalent).	
Record the traineeship in the trainee's Europass Mobility Document: Yes ☐ No ☐	

3. The traineeship is carried out by a recent graduate and, upon satisfactory completion of the traineeship, the institution undertakes to:

Award ECTS credits (or equivalent): Yes ☐ No ☐	If yes, please indicate the number of credits:
Record the traineeship in the trainee's Europass Mobility Document (highly recommended): Yes ☐ No ☐	

Accident insurance for the trainee

The Sending Institution will provide an accident insurance to the trainee (if not provided by the Receiving Organisation/Enterprise): Yes ☐ No ☒	The accident insurance covers: - accidents during travels made for work purposes: Yes ☐ No ☐ - accidents on the way to work and back from work: Yes ☐ No ☐
The Sending Institution will provide a liability insurance to the trainee (if not provided by the Receiving Organisation/Enterprise): Yes ☐ No ☒	

Table C - Receiving Organisation/Enterprise

The Receiving Organisation/Enterprise will provide financial support to the trainee for the traineeship: Yes ☐ No ☒	If yes, amount (EUR/month):
The Receiving Organisation/Enterprise will provide a contribution in kind to the trainee for the traineeship: Yes ☒ No ☐ If yes, please specify: Accommodation will be provided	
The Receiving Organisation/Enterprise will provide an accident insurance to the trainee (if not provided by the Sending Institution): Yes ☒ No ☐	The accident insurance covers: - accidents during travels made for work purposes: Yes ☒ No ☐ - accidents on the way to work and back from work: Yes ☐ No ☒
The Receiving Organisation/Enterprise will provide a liability insurance to the trainee (if not provided by the Sending Institution): Yes ☒ No ☐	
The Receiving Organisation/Enterprise will provide appropriate support and equipment to the trainee. yes	
Upon completion of the traineeship, the Organisation/Enterprise undertakes to issue a Traineeship Certificate within 5 weeks after the end of the traineeship. yes	

By signing this document, the trainee, the Sending Institution and the Receiving Organisation/Enterprise confirm that they approve the Learning Agreement and that they will comply with all the arrangements agreed by all parties. The trainee and Receiving Organisation/Enterprise will communicate to the Sending Institution any problem or changes regarding the traineeship period. The Sending Institution and the trainee should also commit to what is set out in the Erasmus+ grant agreement. The institution undertakes to respect all the principles of the Erasmus Charter for Higher Education relating to traineeships (or the principles agreed in the partnership agreement for institutions located in Partner Countries).

Commitment	Name	Email	Position	Date	Signature
Trainee	Nikoletta Galambos	nikoletta.galambos@gmail.com	Trainee	19/04/17	
Responsible person ¹¹ at the Sending Institution	Dr. Zsuzsanna Végvári-Kothencz	kothencz.zsuzsanna@kertk.szie.hu	Erasmus coordinator	20/04/2017	
Supervisor ¹² at the Receiving Organisation	Dr. Robert Saville	Robert.saville@emr.ac.uk	Project leader	19/04/17	