

**APPLICATION FORM: GLOBAL TRAINING PROGRAMME 2019-2020 – INTERNSHIP INFORMATION**

CORPORATIVE INFORMATION		
Name of the company	QPS Austria GmbH	
Contact Person	Dr Stefanie Flunkert <span style="float: right;">Email:</span>	
Location	Country	Austria
	City	Grambach
	Address	Parkring 12
Sector	Neuropharmacology	

PROPOSED INTERNSHIP INFORMATION	
Number of trainees to host	<b>3 becarios (aunque se ofrecen 4 proyectos)</b>
Extension time (extra months and salary) OPTIONAL  SEE DOCUMENT: <i>"FORM 2_Global Training 2017 extension preliminary agreement"</i>	Extra months  Si al finalizar los 6 primeros meses la empresa y el becario desean prorrogar la estancia, se ofrece la posibilidad de prorrogar 6 meses más
	Monthly payment for extra months (between 0-1358€/month)  Durante la prórroga opcional, la mensualidad sería de: 1400,-

INTERNSHIP/PLACEMENT INFORMATION	
<b>Department</b> (in case you want more than 1 trainee, indicate the different departments where they will work)	<ol style="list-style-type: none"> <li>1. Histology</li> <li>2. Biochemistry</li> <li>3. In vivo Research</li> <li>4. In vivo Research</li> </ol>
<b>Description of project/activities</b> (in case you want more than 1 trainee, indicate the different projects/activities on which they will work)	<ol style="list-style-type: none"> <li>1. Characterization of the neuropathology of a new rodent model for neurodegenerative diseases, e.g. Alzheimer's or Parkinson's disease, including sectioning of brain tissue, immunohistochemical and/or immunofluorescent labelling of rodent brain tissue, fluorescence microscopy, image analysis</li> <li>2. Characterization of the neuropathology of a new rodent model for neurodegenerative diseases, e.g. Alzheimer's or Parkinson's disease or cell culture experiments including Western blotting, quantitative PCR, RT-PCR, ELISA, MesoScale Discovery and statistical evaluation of results.</li> <li>3.-4. Characterization of a new rodent model for neurodegenerative diseases, e.g. Alzheimer's or Parkinson's disease, including validation or establishment of behaviour tests, optional treatment of animals using different treatment routes like intraperitoneal or subcutaneous, performance of behavioural tests relating to motor, cognitive, activity or anxiety deficits.</li> </ol>

**COMPETENCES, SKILLS and EXPERIENCE REQUIREMENTS**

<p><b>Requested profile(s) information</b> (Studies, previous experience, language skills, other skills...)</p>	<p>General:            Good English or German skills (one of the two is obligatory)            Experience in general laboratory work            Good Microsoft Office skills            Graph Pad Prism skills are an advantage            Able to work in a team            Flexible            Good apprehension</p> <p>Internship 1:            First experiences in histological methods or neurodegenerative disease research</p> <p>Internship 2:            First experiences in molecular biological / biochemical methods            First experiences in cell culture experiments is an advantage</p> <p>Internship 3 and 4:            First experiences in in vivo rodent work obligatory (e.g. housing, handling, treatment or behavioural tests of mice or rats)</p>
<p><b>Other commentaries</b></p>	<p><u>none</u></p>

**APPLICATION FORM 1**

**INFORMATION ABOUT THE COMPANY/INSTITUTION**

<p align="center"><b>LOGO</b></p>	
<p align="center"><b>WEBSITE</b></p>	<p><a href="http://qpsneuro.com/">http://qpsneuro.com/</a></p>
<p><b>INFORMATION ABOUT THE CITY AND THE AREA WHERE THE COMPANY/STITUTION IS LOCATED</b>  (General information about SECURITY, ACCOMODATION, PUBLIC TRANSPORT...)</p>	<p>The company is located in Grambach, just south of Graz, Styria, Austria, close to the Slovenian border. From Graz, the company can be reached by bus. The airport Thalerhof of Graz is just outside the city and can be reached by public transportation. Graz was cultural capital of Europe in 2003 and offers many touristic destinations. The city is the second largest of Austria with several Universities. The city is surrounded by woods and mountains, so hiking, mountain biking, skiing etc. can be done close by. Many of these locations can also reached by bus or train.</p>
<p><b>GENERAL INFORMATION ABOUT THE COMPANY/INSTITUTION</b></p>	<p>QPS Neuropharmacology is a preclinical full-service contract research organization (CRO) focusing on CNS diseases, Orphan diseases, Lysosomal Storage Diseases and mental disorders. Validated transgenic and non-transgenic in vitro and in vivo models covering targets of Alzheimer’s Disease (AD), Parkinson’s Disease (PD), Huntington’s Disease (HD), Amyotrophic Lateral Sclerosis (ALS), Frontotemporal Dementia (FTD), Niemann-Pick Disease, Schizophrenia, Lewy Body Dementia (LBD) and other neurodegenerative diseases.</p>
<p><b>SIZE OF THE COMPANY (EMPLOYEES)</b></p>	<p>appr. 80 employees</p>
<p><b>NUMBER OF PEOPLE AT THE DEPARTMENT WHERE THE TRAINEESHIP WILL TAKE PLAKE</b></p>	<ol style="list-style-type: none"> <li>1. Histology: appr. 10 employees</li> <li>2. Cell culture and biochemistry : appr. 15 employees</li> <li>3. In vivo research: appr. 10 employees</li> </ol>
<p><b>MAIN ACTIVITY OF THE COMPANY/INSTITUTION</b></p>	<p>Contract research in the field of neurodegenerative diseases</p>
<p><b>A BRIEF EXPLANATION OF MAIN PROJECTS</b></p>	<p>Students / Interns develop and characterize together with the R&amp;D team new in vitro and animal models of different diseases like Alzheimer’s, Parkinson’s, Amyotrophic Lateral Sclerosis, Huntington’s disease, Gaucher disease, Niemann Pick disease etc.... Animal models are characterized for behavioral deficits and afterwards, (brain) tissue is analyzed using biochemical and histological methods. New methods for characterization are developed and established.</p> <p>For contract research, developed and characterized models are used to test new compounds against the disease. Effect of compound is tested using the same methods as described for the characterization.</p>
<p><b>PREVIOUS COLLABORATION IN INTERNSHIP/TRAINING PROGRAMMES?</b></p>	<ul style="list-style-type: none"> <li>• Global training program 1 intern started in 2014, 1 intern in 2015, 2 interns in 2016, 3 interns in 2017 , 3 interns in 2018</li> <li>• Constantly Bachelor, Master and PhD students performing their thesis at QPS</li> </ul> <p>Currently 2 PhD students</p>



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<b>OTHER COMMENTARIES</b>	none
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