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## NATURWISSENSCHAFTEN, PHARMAZIE

Country	Type of study	Type of host organization	Job description	Technical skills	Language skills	Other skills	Accommodation	Duration	Application requirements
<b>Austria</b>	Biological, pharmaceutical and medical study fields	Preclinical contract research organization in the field of neurodegenerative and rare disease	Fixation, embedding, cutting, immunofluorescent labeling of rodent tissue; microscopy; image analysis; statistical analysis; general laboratory work (preparing of buffer etc.), after positive interim evaluation, student might work independently on a project.	Completed first laboratory courses at university: pipetting, basic microscopy, calculation of concentrations etc.	English or German. One of these two is mandatory	Good team player	Yes	3-6 months	short application letter; CV containing list of practical experiences/ laboratory skills; language skills; during application process we might ask for an informal skype or phone interview.
<b>Belgium</b>	Mathematics, Statistics, Biostatistics, Data Science	Pharma Company	Analyse real data, industrial and applied statistics, statistical methodology, software development (R package or Shiny app), perform statistical analyses, e.g. mixed models, statistical intervals (prediction or tolerance intervals), measurement errors, linear and non-linear regression, Bayesian statistics, multivariate statistics, machine learning and AI, bioinformatics, design of experiments, sample size determination, probability to be out of specifications, accuracy profiles.	Good understanding and knowledge in statistics or data science; ability to write R or SAS code (with up-to-date package, help or user guide,...), interest in Shiny app or R package, R or SAS programming language (R is preferred), Python.	English	Writing knowledge		Min. 3 months full time	Cover letter, CV
<b>Denmark</b>	Biochemistry, Molecular Biology, Medicine, Pharmacology, Biology, Biological or Chemical Engineering	University	Site-directed mutagenesis; Western blotting; Electrophysiology; Protein design/engineering; Molecular pharmacology; Protein biophysics; Fluorescence spectroscopy; Peptide synthesis and purification.	Basic laboratory skills; ideally in biochemistry, molecular biology, cell culture or peptide chemistry	English	None	Yes	3-12 Months	Cover letter and CV (incl. Grades)
<b>Finland</b>	Biology	University	Laboratory work within research project: prepare samples (model membranes), analyze lipid concentrations, perform experiments (calorimetry, fluorescence spectroscopy, time-resolved spectroscopy).	Moderate autonomous laboratory experience	English		Will support	12 weeks	
<b>Finland</b>	Biotechnology, Biology, Biochemistry	Company in the field of genetic engineering and synthetic biology	Valorization of lignocellulosic biomass in the field of: - Pulp and paper - Second generation sugars - Lignin applications for novel materials	Good laboratory and analytical skills	English	Data analysis, reporting skills, presentation skills	Accommodation and bike provided	6 months	1. Being affiliated to a European University 2. Benefiting of a grant to financially support your leaving during your internship 3. Being covered by University for liability, health and accident insurances
<b>Italy</b>	Geologie, Geographie, Geowissenschaften	Geologe, Geopark	Begleitung von touristischen Wanderungen und Touren, Prospektverteilung in Hotels, telefonische Ausflugsberatung, Erstellung von Dokumentationen über Ausflüge, Betreuung des Sozialen Netzwerkes, etc. Nebenbei können Sie viel über Vulkane, Vulkanismus, Thermalismus, Erosionsformen, verschiedene Geotope etc. lernen.		Deutsch	Gute körperliche Verfassung, Kondition, starke Nerven, Freundlichkeit	Ja	3 Monate	ab 5. Semester
<b>Netherlands</b>	Material science, sustainability, Fiber Technology	Research and development Lab for industrial knitwear (fashion, technical textile and sustainable projects)	Help us develop knitwear for our international customers		our main company language is English, all other languages are a plus	friendly outgoing teamplayer, good energy, open mind, sense of humour	just friendly advise	minimum 3 months, we prefer 6 months so you become really an appreciate team member	pls send a CV

Netherlands	Fashion, Textile, Technology	Research and development Lab for industrial knitwear (fashion, technical textile and sustainable projects)	Help us develop knitwear for our international customers		our main company language is English, all other languages are a plus	friendly outgoing teamplayer, good energy, open mind, sense of humour	just friendly advise	minimum 3 months, we prefer 6 months so you become really an appreciate team member	pls send a CV
Netherlands	Biomedical Engineering, Chemical Engineering, Applied Physics and Nanotechnology	Research Institute for Biomedical Engineering (MIRA) and Research Institute for Nanotechnology (MESA+)	Research project for exchange students in one of the research groups of the research institutes MESA+ or MIRA.		Language skills: IELTS 6.0 or TOEFL-ibt 80		Support in finding accommodation via international office of the University of Twente	3-6 months	Educational background/period: last year BSc or MSc
Poland	Molecular biology, biochemistry, biotechnology	Medical university	The research group investigates the molecular basis of carcinogenesis and anticancer drugs. They are also interested in mechanism of drugs action in cancer cells. Skin endocrinology and regulation of skin stress response. Role of Vitamin D in skin homeostasis.	Liquid handling (pipetting), cell culture, basic knowledge of nucleic acids purification, PCR amplification, western blot, ELISA	English, Polish is a plus but not necessary	Good interpersonal skills	Help with finding accommodation		CV + cover letter
Spain	Biochemistry, Biotechnology, Biology, Chemistry, Agricultural Sciences or related	Research Institute	Research the interactions at the molecular level between plants and some of their pathogens like viruses and viroids, thus improving our knowledge about the plants and pathogens molecular biology and developing biotechnological strategies of crop improvement and protection.	Work in a research laboratory	English or Spanish		Help with finding accomodation	Min. 2 months	CV and motivation letter
Spain	Biotechnology or related (Biology, Biochemistry, Agricultural Sciences etc.)	Research Institute	The student will collaborate with the activities of our research group. We research the interactions at the molecular level between plants and some of their pathogens like viruses and viroids. By understanding these interactions, we learn how these pathogens manage to infect plants, and this knowledge helps us to develop biotechnological strategies for crop improvement and protection.		English or Spanish	Work in research laboratory	Help to find accomodation can be provided.		Motivation e-mail
Spain	Electronic Engineering, Physics	Public scientific research center	Simulation, design, fabrication and test of lab-on-a-chip systems and associated instrumentation.	CAD, microscope, basic electronics lab, basic (bio)chemistry lab.	English			6 months	
Spain	Computer Science, Engineering	University	Numerical modelling of Additive Manufacturing processes. Application to plastic, metallic and concrete materials. Numerical analysis, sensitivity analysis, constitutive modelling, FE technologies.	Fortran 2008 programming skill, continuum and computational mechanics, FE method	Advanced spoken and written English (B2)	Python programming skill, MATLAB,		3 month minimum stay	Candidates must be enrolled in the last year of the master or within the PhD programme.
Spain (Palma de Mallorca)	Business Economics Administrations Sales Marketing Languages Communication Management Environmental Studies Energy Studies	Development and marketing of technologies for the sustainable management of energy, nutrition and waste problems. Focus on reducing the destructive mining of fossil raw materials and developing profitable business models in the process.	Tasks in the sales department: - Research in various target markets - analysis of the data and identification of relevant companies in the target markets - Search for potential distributors - Initial contact with potential clients  Task in the emarketing department: - Maintaining the website and social media channels - Creating new content and posts - Creation and updating of presentations - design, programming	In marketing: some knowledge in design (Photoshop) and/or programming/content management (HTLM, CSS, Wordpress)	High Level of English (C1)  Any additional language is more than welcome	self organized and well structured person high communication skills open-minded, motivated, team player independent, flexible	We try to support our interns to find accomodation and can provide contacts and tips	Minimum stay of 3 months	registered student with prove of freelance activity
Sweden	Cell and molecular biology, genetics, bioinformatics	University	Studies in tissues and cells from human and mouse ranging from detailed cell and molecular biology to genetic epidemiological and transcriptomic analyses.	General laboratory skills regarding methods in molecular and cell biology, experience in cell culture work	English	Prepared to work independently as well as in teams	Karolinska Institutet Housing provides rooms for students. Should be applied for in advance.	Min. 3 months, preferably 6 months	CV, letter of motivation, letter of recommendation, academic transcript of courses and grades
Sweden	Molecular biology of cancer, studies on the mechanisms of tumor suppression by p53	University	Get knowledge on the molecular and cellular biology of cancer by attending weekly seminars at the department and also weekly lab meetings and journal clubs; learn the most important methods in molecular and cellular biology, including CHIP-PCR, CRISPR/Cas9 technology, proteomics, shRNA-mediated depletion, RT-PCR, Western blot, immunoprecipitation, and others.	Experience in cell culture work and knowledge in molecular biology methods	English		Karolinska institutet Housing provides rooms for students. Should be applied for in advance.	Min. 3 months, preferably 6 months	CV, letter of recommendation

Sweden	Biology, Zoology, Neurobiology, Physiology, Evolutionary biology	University, Biology Department	Research projects in visual sciences, aimed at understanding the functional adaptations and evolution of animal visual systems.	No specific	Fluent English				Informal, email contact
Sweden	Plant genetics, molecular biology	University	Elucidate the underlying mechanisms of epigenetic inheritance and the impact of epigenetic mechanisms on plant development.	General knowledge of molecular biology techniques	English	Good communication skills	We offer support, but cannot guarantee to find a suitable room.	Min. 4 months	CV, recommendation letter
Sweden	Molecular biology	University	Synthetic biology	Some lab experience	Workable English			6 months	
Sweden	Biotechnology, biology, genetic/metabolic engineering, biochemistry	University	Experimental work within: Molecular Biology, Genetic engineering, Biochemistry, Proteomics, oral and written presentations, seminar discussions.	General laboratory skills in molecular biology for example handling pipetting, cloning, DNA-, RNA-, protein-purification, gel electrophoresis, sterile-work with cells	English	Prepared to work independently as well as in teams	Some support could be given in finding accommodation, but preferentially by the student	Min. 3 months	Academic resume, curriculum vitae, a letter of motivation, academic transcript of courses and grades