

Erasmus+ Fellowships - REQUEST

Legal P&G entity name	P&G Services Company
Full address	Temseleen 100 1853 Strombeek Bever Belgium
Short Description of the site including short description of the department and capabilities	The Brussels Innovation center is P&G's largest Research & Development Center in Europe. Products from well-known brands such as Ariel, Tide, Dash, Mr Proper, Dreft, Downy, Fairy, Lenor and Ambi Pur have all been developed from scratch till the final product here. The fellow will be part of the Fabric and Homecare Analytical organization. The goal of this organization is to provide chemical and physical mechanistic characterization in support of technology development, problem solving, supporting Product Claims, Intellectual Property and Competitive Product Challenges. The Analytical Organization specialize in world-class Analytical Instrumentation.
Short description of the project (NOT CONFIDENTIAL, offer will be published)	The objective is to develop chemometric applications and evaluate new solutions within the area of Fabric and Home Care detergent products. The main responsibilities are to bring data science to a higher level by combining analytical chemistry, chemometrics and multivariate data. The challenge is to work on combining several sources of data (e.g. spectroscopy, NMR, Mass Spec ...) with advanced tools to obtain a better understanding of our product attributes and performance.
Skills that will be acquired during internship (delete/add what is (not) applicable)	Experience with or good knowledge of chemometric tools and multivariate data analysis, such as PCA, PLS. Proficient in chemometrics software, i.e. PLS toolbox. Good scripting programming skills in Matlab. Basic knowledge of Machine Learning methods, Statistics, DoE and analytical assay validation will be a plus