EUROPEAN COMMISSION
DIRECTORATE-GENERAL HUMAN RESOURCES AND SECURITY
Directorate HR.AMC –Account management Centre
HR.DDG. AMC 8

2018-IPR-F-000-010304	**Characterisation of representative nanomaterials**

Position for: Trainee	As the science and knowledge service of the Commission, the mission of Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle. The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: http://www.jrc.ec.europa.eu **Short description of activity:** The main activity will concern the collaboration to experimental work for the characterisation of the surface properties of nanomaterials. The aim of the project is to optimize a new analytical method developed at the JRC enabling the sorting of nanoparticles according to their hydrophobicity and the determination of their surface energy. The trainee will be involved in all the experimental steps of the process. **Qualifications:** **Essential**: • University degree in Physics, Chemistry, Materials Science, or Biotechnology. • Good Knowledge of spoken and written English (B2 level) **Advantage**: • Knowledge in analytical methods, material science in particular nanomaterials. • Knowledge in Matlab software and image analysis.

	For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees
Unit /Directorate	F- Health, Consumers and Reference Materials F2 – Consumer Products and Safety HOT-NANO- Deliverable 22 Further information: https://ec.europa.eu/jrc/en https://ec.europa.eu/jrc/en/research-topic/nanotechnology
Indicative duration **Preferred starting date**	5 months As soon as possible
JRC Site **Country**	Ispra Italy
JRC contact details	**For any technical problems with your application, please contact:** HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu