



**2019-IPR-F-000-013331**

**Medical Device Cybersecurity**

**Position for:**

Trainee

As the science and knowledge service of the Commission, the mission of DG 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>

The Consumer Products Safety Unit, part of Health, Consumers and Reference Materials Directorate at the JRC, is offering a position for a trainee in the field of Science for better health technologies

**Short description of activity:**

The trainee will support the contribution on Medical Device Cybersecurity and future challenges, in particular the work done by the team, in support to DG GROW, towards the development of a guidance for manufacturers to meet the requirements of the Medical Device Regulation (EU 2017/745) in terms of cybersecurity.

In particular he/she will be involved in:

- collecting and evaluating information on the challenges of connected medical devices
- Carry out case studies in selected areas of implantable connected medical devices (e.g diabetes devices, cardiac implants, brain-stimulation) to illustrate how security risks can impact the safety of patients and effectiveness of a medical device.

**Qualifications:**

**Essential:**

- Degree in Computer Science or Information Technology (or a closely related discipline) with experience/knowledge on cybersecurity
- Good knowledge of spoken and written English (level B2)

	<p><b><u>Advantage:</u></b></p> <ul style="list-style-type: none"> <li>• Knowledge/experience of IT security risk assessment, risk-benefits analysis and risk management through a product's life cycle</li> <li>• Knowledge/experience with related ISO standards and guidelines</li> <li>• Knowledge of medical software's and apps, IoMT (Internet of Medical Things) applications will be an asset</li> <li>• Scientific publications in the field of cybersecurity applied to medical devices will be an asset</li> </ul> <p><b><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></b></p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</a></p>
<b>Unit/Directorate</b>	<p>Directorate F - Health, Consumers and Reference Materials</p> <p>Unit F.2 – Consumer Products and Safety</p>
<b>Indicative duration</b>	5 months
<b>Preferred starting date</b>	As soon as possible
<b>JRC Site</b>	Ispra
<b>Country</b>	Italy
<b><u>JRC contact details</u></b>	<p><b>For any technical problems with your application, please contact:</b></p> <p><a href="mailto:HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu">HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</a></p>