

December 18, 2025

**Position:** Medical Ontology Expert (team) for a European Medical Society (m/f/d)

**Start:** 2026, expected duration ca. 6 months & project-based Freelance

**Location:** fully remote / freelance;

**Payment:** Paid position, more details upon request.

## About UEG

UEG, or United European Gastroenterology, is a professional non-profit organisation combining all the leading European medical specialist and national societies focusing on digestive health. The mission of UEG is to improve the prevention and care of digestive diseases in Europe through providing education, supporting research and improving clinical standards.

UEG's headquarters is in Vienna, Austria where we coordinate all association, education and congress-related matters. All other important information regarding our organisation can be found on our website at [www.ueg.eu](http://www.ueg.eu).

To achieve these goals, UEG has developed **Gutflix**, a platform designed to provide personalised gastroenterology learning.

**Gutflix** is designed to provide personalised gastroenterology learning. Tailored to GI interests, Gutflix offers a comprehensive range of resources, including UEG Week recordings, online courses, clinical practice guidelines, "Mistakes in..." articles, podcasts, and more (learn more: <https://gutflix.eu/>) Gutflix is an innovative system that combines a powerful content platform with semantic search and an intelligent recommender system to deliver personalized and relevant experiences for users

This freelance role is pivotal for shaping UEG's future educational strategy and ensuring Gutflix becomes a leading personalised learning platform in gastroenterology.

As a Medical Ontology Expert, you will help build robust knowledge structures that enable advanced semantic search, content platform integration, and recommender system capabilities.

## Your Core Responsibilities

In this role, you will take on key responsibilities that ensure the future success of Gutflix:

- Provide consulting services regarding the knowledge structures that make Gutflix a personalized learning pathway.
- Research and evaluate existing external medical / taxonomies and ontologies in the field of gastroenterology and recommend the most suitable (combination of) ontologies to be used for UEG. If various ontologies are to be combined, recommendation of how to merge them and which parts are relevant.
- In case new tagging models need to be developed, search and/or creation of training material to train the tagging model.
- Propose naming conventions, governance processes, and documentation for ontologies and taxonomies to keep terminology consistent across all Gutflix content.

- Working together closely with the UEG Headquarters Management and a selected group of gastroenterologists to get input.
- Domain and methodological knowledge

To fulfil these responsibilities, strong domain and methodological expertise is essential.

### **Domain and Methodological Knowledge**

- Domain knowledge: Medical terminology and as an asset Knowledge of pharmaceutical substances and active ingredients (ideally in the field of gastroenterology), disease classification systems, biological / gastroenterology taxonomy.
- Experience in ontology and taxonomy research and/or design, in the healthcare or medical domain (e.g. SNOMED, MeSH)
- Familiarity with knowledge graph technologies is considered an additional asset.

In addition, technical proficiency will enable you to implement and maintain these knowledge structures effectively.

### **Technical Skills and Tools**

- Technical skills: Familiarity with taxonomy / ontology editors (for example Protégé or comparable editors), analysis tools, frameworks, data stores etc.
- To develop and validate and document models.
- Extending, pruning and merging ontologies (including creating equivalences between different ontologies), defining mappings of concepts across ontologies.

If you are interested, please contact us at [u.kapp-popov@ueg.eu](mailto:u.kapp-popov@ueg.eu).