Processing original scientific materials targeted to healthcare professionals related to the management of selected pathologies with innovative therapies based on the analysis of clinical and pharmacological evidence

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Abstract:

This project outlines a systematic methodology for the role of a Medical Writer in response to the imperative of enhancing communication in the medical-scientific domain. The Medical Writer is employed across public and private sectors, including pharmaceutical and biotechnological companies, government agencies, Clinical Research Organizations, and medical-pharmaceutical communication agencies.

The role, held by life sciences graduates, is multifaceted and requires a deep understanding of pathogenetic pathways, natural history of diseases, the therapeutic targets and drugs mode of action, together with a profound knowledge of industrial practices, aligning with the requirements of an industrial biotechnologist.

Moreover, it's crucial for the Medical Writer to have a solid knowledge of the stakeholders involved (Health Care Professionals/patients/public) and of the local regulations on medical communication and education.

The proposed thesis project comprises phases such as in-depth pathology analysis, scientific data review, competitive context analysis, and impact assessment. The methodology aims to enhance the dissemination of scientific research evidence, where the Medical Writer has a crucial role in the "translation" of complex findings into an accessible, engaging, and feasible form for the target audience, in accordance with normative requirements. This approach facilitates the understanding and interpretation of scientific data, with the relevant outcome of improving global health. Training components cover fundamental competencies on desk analysis approaches and skills on elaboration of unique contents, but also on collaborative cross functional dynamics, new projects structuring, forming a foundation for effective engagement in the medical-scientific communication paradigm.