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**Background.** Immunotherapies have led to a paradigm shift in cancer treatment, producing unprecedented responses with complete remissions at advanced and metastatic stages of the disease. However, response rates remain low, notably due to the immunosuppressive environments of many tumors. The project is aimed at the discovery and development of site-directed and stimuli-sensitive immuno-oncology agents that can modulate the immune environment of cold tumors, and that will function as synergistic immuno-adjuvants for radiotherapy.

**Project.** We are seeking for a highly motivated candidate with a PhD in Medicinal Chemistry (or any related field) to conduct research in a starting FNRS-PDR grant aimed at the development of smart drugs for cancer immunotherapy. The fellowship will support the salary and lab costs for two years. The research will be focused on the synthesis and evaluation of small molecule immunotherapies for cancer treatment.

The candidate will have a mastery of knowledge in organic and medicinal chemistry, gained through his/her PhD. Theoretical and hands-on knowledge in computational chemistry (quantum chemistry, molecular docking, molecular dynamics, force fields) is a plus; as well as in vitro biology (cell culture, western blots, flow cytometry, miscellaneous assays).

ULB is the second largest university in the French speaking part of Belgium, at the heart of Brussel, the capital of Belgium and Europe.

**Interested?** Please apply with (send your application to Prof. Gilles Berger):

1. A comprehensive academic CV and compelling cover letter
2. A concise research summary highlighting your key achievements (1 page).
3. The contact details of at least two referees

The position is advertised on Euraxess: <https://euraxess.ec.europa.eu/jobs/127033>