

1	CEIPEX RESEARCH TOPIC LEVEL2 advanced biomaterials
2	RESEARCH GROUP Research group for Molecular Biology and Nanomedicine
3	TOPICS/FOCUS Hybrid nanozymes as smart therapeutic modalities
4	SUMMARY The proposed topic is aimed on development of smart enzymomimetic biomaterials with intrinsic ability to trigger bioorthogonal reactions leading to prodrugs activation for targeted anticancer therapy. Alternatively, the topic plans to explore biomaterials acting as stable nanozymes able to control intracellular redox conditions. Projects dealing with metal- or zeolitic-organic frameworks as platforms for nanozymes design are of utmost interest.
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