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0160791X

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10.1016/j.techsoc.2021.101729

[View more](#) *Technology in Society* • Volume 67 • November 2021 • Article number 101729

Fostering SME's co-development of innovative projects in biotech clusters: Extending the sets of enablers for the knowledge creation process

Ferasso M.^{a,b} , Grenier C.^c [Save all to author list](#)^a Institute of Scientific Research and Graduate School, Universidad de Lima, Lima, Peru^b Economics and Business Sciences Department, Universidade Autónoma de Lisboa, Lisboa, Portugal^c KEDGE Business School, Marseilles, France[Abstract](#)[Author keywords](#)[Indexed keywords](#)[Funding details](#)**Abstract**

We explore the linkage of specific sets of enablers for the knowledge-creation process (KCP) mobilized in innovative projects co-developed by biotech SMEs and the role of industrial clusters in easing the access to enablers. Two French and one Brazilian high-tech SMEs belonging to two biotechnological clusters were investigated. Deductive and inductive approaches were applied in a complementary manner. Findings revealed a larger set of enablers at the company's level than predicted in the literature. We identified two sets of KCP enablers at the cluster's level, classified as open access and restricted access, which are used for different purposes and simultaneously. These dynamics enabled the studied SMEs to improve their co-developed innovative projects in a more effective way. Data also revealed that the enablers that benefit SMEs are more likely provided by the cluster organisations. © 2021 Elsevier Ltd

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Biotechnology; Co-development projects; Enablers; Industrial clusters; Knowledge creation process; SMEs

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