

#EENCONNECT EUROPEAN PROJECTS PARTNER SEARCH



**Auvergne
Rhône-Alpes**
Entreprises

Industrial Biocatalysis for production of functionalised molecules

A Spanish research institution, a German university and a Spanish company have developed an aldolase active at molar aldehyde concentrations

Description

Aldolases are useful, yet largely unexplored biocatalysts for C-C bond formation. A common challenge is their rapid denaturation in the presence of the aldehydes at industrially-required loadings. A new pyruvate aldolase (YfaU) accepting aldehydes at MOLAR concentrations is reported, that catalyses C-C bond formation at high loadings and productivities. The aldolase is available for demonstration.

A broad range of aldehydes and ketoacids are accepted, leading to functionalised products for bulk, fine chemicals or pharmaceuticals, synthesised at high productivities for industrial production.

mardi 10 octobre 2017 — P3

Program, Call :

Horizon 2020, LEIT

Theme :

Biotechnology / Chemicals

Deadline for expressions of interest :

06 July 2018



Partner sought

The Spanish research institution and the German university are looking for : an industrial company, specialized in fine chemicals, amino acids and pharmaceuticals, interested in the use of this novel aldolase for production at industrial scale of compounds requiring C-C formation, under a patent license agreement.

[CONSULTER LE PROFIL COMPLET](#)



Vous souhaitez être mis en
relation avec ce partenaire ?
Contactez :

Emilien Oumehdi

Project Manager Enterprise Europe
Network

[eoumehti@auvergnerhonealpes-
entreprises.fr](mailto:eoumehti@auvergnerhonealpes-entreprises.fr)

Tél : +33(0) 4 72 60 00 49

Mobile : +33(0) 6 29 48 65 53