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Our website dedicated to the BIOTechno newsletters

<http://www.reseaubiotechnonewsletter.fr/>



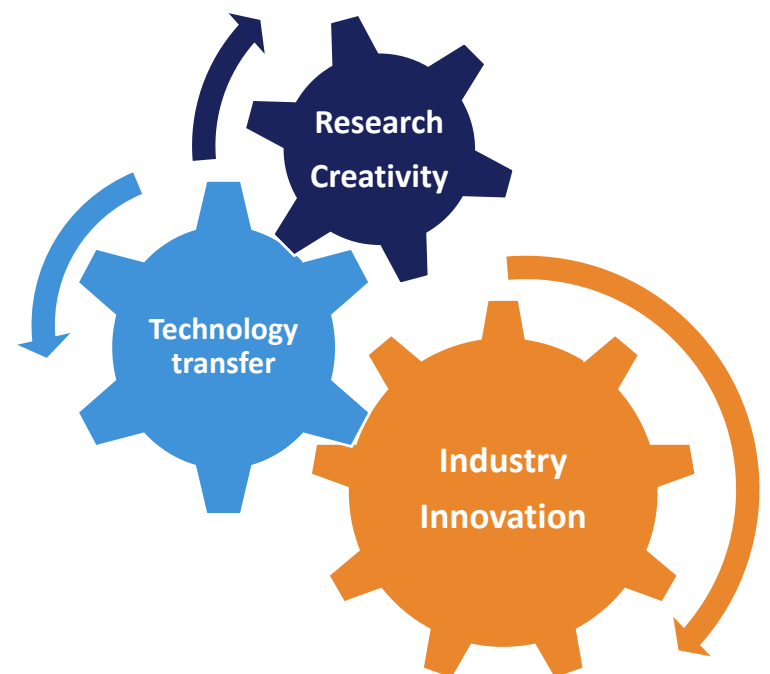
Article : From research lab to industry



How to explain the emergence of spin-offs and start-ups from academic research ?

By Laura MATABISHI BIBI

The last two decades have been marked by the emergence of academic spin-offs defined as being a special start-up company created by one or several members of public research laboratory to commercialize an innovation (**Bigliardi et al., 2013**). « *The central role of knowledge creation in post-industrial economies and societies has given universities a pivotal role in society* » analyzes the European University Association in its [report](#) published in March 2019. This transfer of scientific knowledge from the university to industry encourages economic and social growth of the country (**Chang et al., 2009; Treibich et al., 2013**). Collaborations between university and industrial company can generate benefits for both partners. Companies can acquire support for product development, access to public research funding and solutions to technological problems, while universities can acquire insights into the industrial applicability of previous research, additional funding and can also test the applicability of their research which helps to fine-tune their theories and technologies (**K. Hessels et al., 2020**). Moreover, their growing has been stimulated by public policies (**OECD, 2016**).



Research public institutes participate also to promote technology transfer by increasing the development of start-ups. According to the *Génération Deeptech* report by Bpifrance, the number of start-ups resulting from academic research has almost doubled over the past ten years. For example, the National Center for Scientific Research (CNRS) create around 100 start-ups each year. In January, the French government detailed its [plan](#) to support industrial and deep tech start-ups development, mobilizing €3.25 billion between 2021 and 2025 for the ecosystem of start-ups and innovative companies. In 2021, 7 start-ups from Institut Curie raised a total of €140.6 million.



Article : From research lab to the spin-off



How explain the emergence of academic spin-off ?

By Laura MATABISHI BIBI

The French innovation ecosystem has never ceased evolve to increasingly support entrepreneurial projects from around the world academic. For example, Paris Parc, a strategic infrastructure development project of Sorbonne University, will provide an incubator of 15 000 m² for emerging academic start-ups. More and more of academic structures develop programs to support the transition from innovation potential to the incubation of a start-up, by mobilizing the School's ecosystem like Telecom Paris, Mines Paris Tech and PSL University (Paris Science & Literature). Innovation competitions (i-Nov, i-PhD, i-Lab) marks a commitment from the french gouvernement through funding, labeling and enhanced communication to support transfer the academic research to the industry.

Bibliographic references

- Bigliardi, Galati and Verbano. (2013) *Evaluating Performance of University Spin-Off Companies: Lessons from Italy*. Journal of technology management & innovation
- Chang , Y-C, Yang, P. &Chen, M-H.(2009). « The determinants of academic research commercial performance: Towards an organizational ambidexterity perspective », Research Policy, 38:6, 936–946.
- Hessels, Mooren and Bergsma (2020) *What can research organizations learn from their spin-off companies? Six case studies in the water sector*. Industry and Higher Education Volume: 35 issue: 3, page(s): 188-200.
- OECD (2016) Strategic public/private partnerships in science, technology and innovation. In: OECD Science, Technology and Innovation Outlook 2016. Paris: OECD Publishing.
- Treibich, T., Konrad, K., Truffer, B. (2013), "A dynamic view on interactions between academic spin-offs and their parent organizations", Technovation, Vol. 33, No 12, pp.450- 462.



Round-Table#2 of BIOTechno Paris

Don't miss the next round table organized by BIOTechno Paris and dedicated to the jobs of clinical research associate and medical science liaison which are jobs in high demand.

BIOTECHNO PARIS

présente

Round Table #2

Les métiers Attaché de Recherche Clinique et Medical Science Liaison



14 Mars
2022



Online



18:30 -
19.45



Hugo Cnockaert
Medical Science Liaison
IBSA Pharma

[in](#)



Clara Grudina
Clinical Research Associate
PSI CRO AG

[in](#)



Tawfik Fajri
Medical Science Liaison
Grünenthal

[in](#)



Lisa Oukaci
Clinical Research Associate
Axelys Santé

[in](#)



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INSCRIPTION

- Event brite -





Our suggestions of the month

BIOTechno's **REAL** favorites



READ

“Comment l’université broie les jeunes chercheurs”

By Adele B. Combes.



ANALYZE

- [Research highlight](#) selected by *Nature*

Interesting picks of the latest scientific literature

- Have you or your close ones got Covid-19 again during the last wave? Discover why! [“COVID reinfections surge during Omicron onslaught”](#)



LISTEN

3,9 - Podcast by Gaël Fortin

Some advices to be more efficient, get to the point and manage projects

Beyond academia: how to select your first scientific role in industry – Podcast by Julie Goud



Calendar of events

March

7

Webinar – “Doctoral degree, and then”– University of Mons (Belgium)

Date and time : 7th March, 4.30 pm.

Virtual event in French – Free but inscription is required - [CLICK HERE](#)

Survey and testimonials on the added value of the PhD outside the academic world. Free but inscription mandatory -

March

8 - 29

Regionales Finales of “Ma these en 180 secondes”

Date and time : 8th to 29th march

[CLICK HERE](#) for more details



Three minutes of science and eloquence! Doctoral students have 180 seconds not one more to explain their research project by making it fascinating and understandable by all! A unique opportunity to popularize the content of their work to an audience no specialist!

March

10

Professional afterwork – Les Petits Déjeuners Professionnels

Date and time : 10th March, 7 pm – 8.10 pm

This event is an opportunity for you to explore different career paths by discussing in an informal setting with doctors about their experience after their PhD. [CLICK HERE](#) to register

March

11

Speed Meeting for Launchmetrics – PhD Talent

Date and time : 11th March, 1.30 pm – 4.30 pm



Meet the Launchmetrics company that is looking for a passionate data scientist, [CANDIDATE HERE](#)

March

14

Round Table [Clinical Reasearch: MSL and CRA](#) – [BIOTechno Paris](#)

Date and time : 14th March, 6.30 pm – 7.45 pm

Virtual event in French

BIOTechno Paris is happy to invite you to take part in its next virtual Round Table: [Clinical Reasearch: MSL and CRA](#). Registration will open shortly!



Calendar of events

March

22

Concours i-PhD

Date and time : Application before 22th March, 11pm

More details [HERE](#)



Funded by the French government and BPI France, this contest is reserved for young researchers or PhD students who wish to create or co-create a deeptech startup *via* a technology transfer promoting research results. The winners will access to a 12-month tailored support for the development of the project, a tailored grant, national visibility and help for the building of their network.

March

25

PhD Meeting – PhD Talent

Date and time : 25th March, 7 am – 6 pm

[CLICK HERE](#) for registration, online event



Meeting of companies specialized in AI and Data science. Understand theirs challenges and try to get recruited by one of them!

March

31

D4GEN Hackathon – Genopole

Date and time : Application before 31th March

[CLICK HERE](#) for more informations and registration

Submit your project in one of the 4 themes of the Challenge. If you are selected, you will be one of the Hacking Days project leaders.

April

2

Concours “ Graine de Chercheur”

Date and time : Application before 2nd april

[CLICK HERE](#) for more details and registration

This contest reward PhD students and Post docs working in cellular biotechnology in a French lab (2. 000€ of funding to win). The winners will be invited to present their project at a Prolific conference for the general public.

JOIN US!



Volunteer Journalists

- Are you involved in the organization of event interesting for young scientists and want to promote it ?
- Will you participate to one of these events and are willing to write a review afterwards for our newsletter ?
- Do you want to signal an event to add it to our calendar section ?
- Do you have an idea for a content that could fit in the BIOTechno newsletter ?

Become a Partner of the BIOTechno Network!

Private Industry / Startups/ Institutions

In 2020, more than 30 private and institutional partners supported the BIOTechno network. You can also become our partner, get the opportunity to meet young professionals with a solid scientific background willing to develop their career in the biotechnology field. You will be able to present your company to a targeted audience during the BIOTechno events 2022 :

- Monthly webinars organized by the BIOTechno Paris team (biotechno.paris@gmail.com)
- BIOTechno Forum organized by the BIOTechno Paris team
- Networking evening sessions

You also have the opportunity to publish job offers for your company in our monthly newsletter. Your next talented employee is probably a member of the BIOTechno network !