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## BIOTechno Forums are coming soon !

For more than 20 years, the Biotechno forums have been organized in several major cities in France, to help master's students, PhD students and young researchers in their professional career outside academia.

Each year, each Biotechno forum brings together more than 30 speakers, 30 industrial and institutional partners and more than 300 young researchers, to learn about career opportunities after graduation, to exchange with professionals and build a professional network.

In 2023, BIOTechno forums organized are :

- Forum [Biotechno Paris](#): September 29th, Maison Internationale, Cité Universitaire, Paris
- Forum [BiotechnoSUD](#): October 17th, World Trade Center Marseille
- Forum [Biotechno EST](#): October 23rd, CCI Campus, Strasbourg
- Forum [Biotechno AuRA](#): November 13th, World Trade Center Grenoble

The organizing teams would like to thank our partners for their trust !

If you want to become one of our partners, don't hesitate to contact us !

Here are the national partners confirmed, more will be announced soon :





## Strategizing a job search in the biotech industry

By [Laura MATABISHI-BIBI](#)

Pursuing a career in the biotech industry offers exciting opportunities in one of the most innovative fields today. However, standing out among other applicants and ensuring visibility requires a well-organized job search strategy. Maintaining a well organized job search can often feel overwhelming, and your motivation and mood may suffer when you're anxiously waiting for an offer, an answer or an invitation to a job interview. This is why it is important to have tools necessary to plan your tasks, and be persistent and methodical.

Réseau BIOTechno partners with *Résalience* to provide you some advice to improve your job-searching process. Last month, we interviewed Assia Asrir about the way to stand out during the job interview. In this edition, we propose to share some tips to efficiently structure a job search with Alexis Mougeolle.



Founded by three doctors in biology, *Assia Asrir*, *Delphine Kapps* and *Alexis Mougeolle*, Résalience aims to support young scientists in their career pursuit to the private sector.

Résalience provides several services to help young scientists to determine what to do after a PhD :

- Personalized coaching focused on the job search and the network (managed by Alexis Mougeolle), CV and cover letter writing (managed by Delphine Kapps) and preparation for the job interview (managed by Assia Asrir),
- “Résaïne” Podcast to answer your questions,
- Interviews of PhDs who share their testimony about their career path outside academia,
- Mentoring program to support PhD students and early career scientists looking for a first or a new opportunity in the private sector,
- “[Bio PhD](#)”, a LinkedIn job sharing group



## Strategizing a job search in the biotech industry

By [Laura MATABISHI-BIBI](#)

### ❑ **Define your professional project**

A good research strategy begins with a professional project that is clearly defined. *“You have to think critically about what you are searching for in your next position and what you can do”* says Alexis, head of the “structure your research” module at Résalience. Identifying your job goals is crucial to reduce the number of professions you are searching for and to be more focused for the targeted job. This step is also important to define the appropriate job title and search terms corresponding to the position you’re aiming for. *“Use LinkedIn to compare the job title of employees working at the desired company will help you to be more precise in your search”* says Alexis. Testing different job titles in Google, professional social networks or CV-library search engine is also a way to evaluate which denominations give most results.

### ❑ **Compare your professional project to the job market**

It is important to confront your project with the job market to think about the real outlets. According to Alexis, it is more efficient to take the problem the other way around: first, search which jobs are opening and then decide if they correspond to your desires and skills. *“Research and development, sales, application services and marketing are the most common opportunities we can apply for after completing a PhD degree”* says Alexis. The most notable innovations in biotech involve personalized medicine, drug research, artificial intelligence, big data, and synthetic biology. A [study](#) from the “France 2030” program identified 38 emerging strategic professions for the biotech industry.



## Strategizing a job search in the biotech industry

By [Laura MATABISHI-BIBI](#)

### ❑ **Adapt your resume and cover letter to the job offer**

A successful application requires a personalized resume and a cover letter adapted to the details contained in the offer. You will increase the relevance of your documents and maximize your chances of being contacted. .

Clearly state your technical and soft skills that correspond to the needs of the company by using keywords employed in the job description. Consider choosing corporate terms as “*project manager*” instead of “*PhD/doctoral student*” to boost your profile. Regarding the cover letter, think about what you can concretely contribute, begin to bring ideas and design a project, make proposals: this approach demonstrates in a practical way your interest in the specific position and environment.

If you are interested in improving your resume and cover letter, Delphine gives precious advice through the “resume and cover letter” module that she manages at Résalience..

### ❑ **Organizing your job search**

Building a sustainable schedule is the key for an effective job search. Archive your applications in an [Excel file](#) , plan reminders and keep track of your actions.

*All the newsletter team would like to thank Delphine Kapps, Alexis Mougeolle and Assia Asrir for the time granted to this interview. Don't hesitate to contact Résalience's team if you need to be supported during your transition outside the academia.*

*For more informations, visit the [website](#) and their [Linktree](#) !*



*Unlocking the full potential of highly potent anticancer drugs*

By [Eka Putra Gusti Ngurah Putu](#)

Founded in 2019 as a spin-off from the prestigious Institut Galien Paris-Sud, Imescia aims to revolutionize the landscape of cancer treatment. Led by a visionary team including Dr. [Tanguy Boissenot](#), Pharm.D., (CEO), Dr. [Alexandre Bordat](#) (COO), a PhD graduate of Ecole polytechnique, and brilliant CNRS researchers Dr. [Nicolas Tsapis](#) and Dr. [Julien Nicolas](#). Imescia combines their collective expertise in polymer synthesis and drug delivery to pave the way for breakthrough advances.

With ongoing challenges in the fight against cancer, Imescia recognizes that certain tumors are showing resistance to existing treatment options. This is where highly active pharmaceutical ingredients (HPAPIs) come in, a class of compounds with impressive efficacy that outperforms conventional chemotherapies by a factor of 100 to 1000. But despite their immense potential, HPAPIs face a major hurdle: Their uniform distribution in the body after administration undermines their efficacy and limits the maximum tolerated dose due to associated toxicities.

Undaunted by this obstacle, Imescia has made a bold push to develop a cutting-edge polymer prodrug technology that enhances the accumulation of HPAPIs in tumors, thereby magnifying their therapeutic impact. The core of their breakthrough lies in a prodrug-polymer approach that combines three critical elements.

First, Imescia selects the most promising HPAPIs that, despite their immense potential, have not yet reached the clinical stage due to limitations on maximum tolerated doses. Second, its innovative highly hydrophilic polymer, carefully engineered to take advantage of its beneficial physicochemical properties, ensures precise accumulation exclusively at the tumor site. Finally, a cleverly designed linker ensures that the polymeric prodrug remains dormant and harmless until it reaches the tumor microenvironment, where it selectively releases the drug and spares healthy tissue.



*Unlocking the full potential of highly potent anticancer drugs*

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This harmonious interaction of drug, polymer and linker effectively mitigates the toxicities associated with HPAPIs and enables a significant increase in the maximum tolerated dose. Imescia's breakthrough technology enhances the concentration of the therapeutic agent in the tumor by increasing tumor accumulation, resulting in an impressive anticancer effect.

Currently, Imescia is at the forefront of preclinical development with its flagship product IMA-01, a promising cancer drug. Rigorous in vivo proof-of-concept studies have yielded exceptional results in multiple cancer models, raising hopes of addressing urgent unmet medical needs.

Imescia's proprietary prodrug polymer technology transcends boundaries and serves as a versatile platform adaptable to a wide range of small molecules, peptides and oligonucleotides. This innovative technology not only improves drug solubility, stability and pharmacokinetics by extending half-life, but also eliminates the need for additional surfactants or lipids in the formulation process. This versatility makes it particularly attractive for small molecule HPAPIs, peptides and oligonucleotides, and opens exciting avenues for innovation and discovery.

To learn more about Imescia and their pioneering efforts, please visit their website at <https://imescia.com/>. Imescia welcomes inquiries and collaboration opportunities from individuals and organizations committed to pushing the boundaries of cancer treatment. Support the company in its mission to unlock the full potential of cancer therapies and make a lasting difference in the lives of patients around the world.

## Meet our COMMUNICATIONS Team!

Discover who are the ones taking care of the LinkedIn page, the website, the posters designs, ...



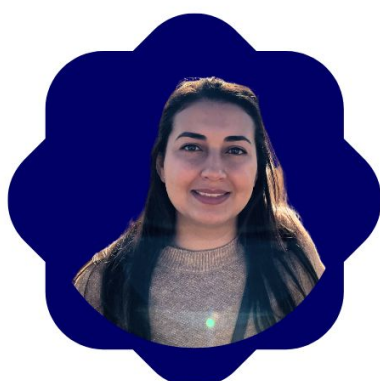
### Aïcha ABDALLAH

Hi ! I'm Aïcha, a 2<sup>nd</sup> year PhD Student in Grenoble, in the CERMAV-CNRS laboratory, working on the development of a new biosensor for Pathogen Lectin Detection. As a **comm manager** of the national team at Réseau Biotechno, I'm also involved in the **forum AuRA organization**.



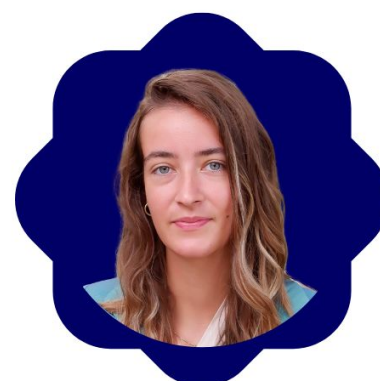
### Clarice GROENEVELD

I'm a 3rd year PhD student using bioinformatics to investigate inter and intra-tumor heterogeneity in bladder cancers and their impacts on treatment outcomes. At Réseau Biotechno, I work to keep the **website** looking fresh so that young researchers can find opportunities to further their careers with us.



### Hadjer OULDALI

I have a PhD in Biology and I am now working in clinical research field. I am very happy to have joined Réseau Biotechno and to be part of the **webinar and communications team** this year, in the aim to help young scientist to know more about career opportunities.



### Nevena SLOVIC

Zdravo! Apart from being a 2nd year PhD student in translational biology, I am also the **communications coordinator for the Forum Est** in Strasbourg.



## Meet our COMMUNICATIONS Team!

Discover who are the ones taking care of the LinkedIn page, the website, the posters designs, ...



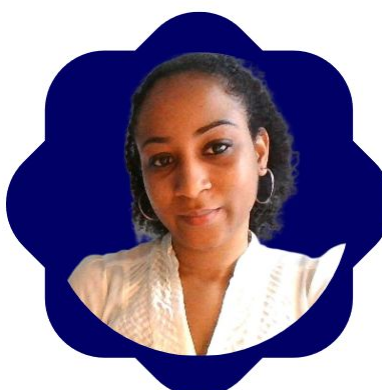
### Taylor MANETT

Hey there! I'm currently a 3rd year PhD student at Sorbonne University in Paris, France. My project focuses on neurodevelopment and the cellular mechanisms of myelin abnormalities in the nervous system. At Réseau Biotechno, I'm helping the **communications team** and also the **organization of the Paris Forum!**



### Jing LIU

Hi I am Jing. I obtained my PhD at Institut Curie and now am a computational biologist at Sanofi R&D. I've joined the **Réseau Biotechno** team since 2 years. It has been an enriching experience to organize exciting events, work and grow with our great team!



### Rachel BELLONE

Hey there! I am a virologist, currently working at ANRS-MIE as project manager on emerging diseases. During my PhD, I worked on emerging viruses transmitted by mosquitoes. I joined **Réseau Biotechno** in 2022; I have been involved in the **communication team and the organization of the Paris Forum!**



### Marina HERNAN GODOY

Hola a tothom! I am a 2nd year PhD student doing research in Amyotrophic Lateral Sclerosis and I am also the **communications coordinator for the Forum Est** in Strasbourg.

The **REAL** section (for **Read** – Analyze – Listen) highlights our recommendations of the summer.



### What you can **READ** this month ?

- [Leaving academia for industry? Here's how to handle salary negotiations](#) by Sarah Wild

Don't sell yourself short when talking about pay, annual leave and other benefits, say scientists who have made the move.

- [Beyond Academia: Stories and Strategies for PhDs Making the Leap to Industry](#) by Matteo Tardelli

It's time to use your PhD to soar to new heights and unlock exciting professional opportunities. But where to begin? This book could be one of your summer read collections with insights from industry professionals on how they made it, you'll learn how to leverage your PhD degree to stand out from the crowd and get hired.



### What you can **ANALYZE** this month ?

- [Graduate survey: A love-hurt relationship](#) by Chris Woolston

Science PhD students love what they do — but many also suffer for it. That's one of the top findings from Nature's survey of more than 5,700 doctoral students worldwide. Check out and analyse this great survey!



### What you can **LISTEN** to this month ?

- **Having a Productive Summer While Your Team Is Out of the Office** by [As We Work](#) Podcast

How do we stay productive while having summer break? Let's listen to what they say!



July

5<sup>th</sup> - 6<sup>th</sup>

**Destination Biodiv**

**Wednesday 5<sup>th</sup> and Thursday 6<sup>th</sup>, July**

**Where ?** Marseille, Esplanade Hôtel du Département, le Dôme

Come and meet with several people and organisations : experts, associations, local authorities and public authorities and discover what can be done for the protection and preservation of the biodiversity.

Find the whole program [here](#)



July

11-13<sup>th</sup>

**Young Researchers in Life Sciences Conference**

**Tuesday 11<sup>th</sup>, Wednesday 12<sup>th</sup> and Thursday 13<sup>th</sup>, July**

**Where ?** Sorbonne University, Paris

The YRLS conferences features an interactive program that includes posters, talks and masterclasses to allow young researchers to present their ongoing work, learn from experts, actively engage in discussions with their peers and invited speakers, share their experience, exchange ideas and build new collaborations.

Find more information and the program [here](#)



August

11-13<sup>th</sup>

**Les nuits des étoiles**

**Tuesday 11<sup>th</sup>, Wednesday 12<sup>th</sup> and Thursday 13<sup>th</sup>, July**

**Where ?** Everywhere in France

Look up at the summer sky and gaze at the stars ! Events everywhere in France are organized by the French Association of Astronomy from the 11 to the 13th of August.

Find more information [here](#)



Our next forums are coming soon, write us if you want to help in the organisation !



# We are recruiting

Organize the next Forums with us !

- Communications
- Partnerships
- Logistics
- Program

Register at



[bureau@reseau-biotechno.com](mailto:bureau@reseau-biotechno.com)