

La Lettre de l'ESBS



— Admin' Corner —

Welcome at ESBS ☺

The ESBS team wishes all students an excellent start to the new school year! This year will be driven by scientific discoveries, collective projects, human encounters and professional opportunities!

Welcome everyone ❤



✉ ESBS Communication

A fresh new look for the administration offices ☀

This summer, the maintenance team freshly repainted the communications (D423) and quality (D462) offices. Workspaces were reorganized for greater comfort and collaboration, LED panels were installed for a more modern and sustainable environment. Discover these new spaces during your next visit!



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New people within the administrative team ❤

Arrived at the ESBS at the end of August, Léa Rossé joins the school's administrative team as Manager of the **Excellence Alsace en Biothérapies et Bioproduction** (ExA2Bio) project, which is a winning project led by our school and its partners. It aims to offer training courses that meet the needs of the job market by creating a training program of excellence, including a specialized course in bioproduction! Léa will therefore be in charge of leading the project and ensuring its successful development. Welcome to the team Léa!



✉ ESBS Communication



✉ ESBS Communication

On September 1st, we also welcomed a new communications trainee, **Noélie Vebret**. She will be in charge of content creation, managing the school social media as well as for the Strasbourg Medicine Institute, and will contribute to organizing events to promote the two organizations!

New arrival within the teaching team ❤



✉ Assunta Venuti

Assunta Venuti, lecturer, joined the teaching team at the start of the school year. Alongside her teaching at ESBS, she also joined the *Nuclear Signaling and Cancer* team led by Dr. Katia Zanier at the Biotechnology and Cell Biology Laboratory (BSC). Welcome Assunta!

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Research Corner

From research to impact: focus on Olivier Cunrath, Chargé de recherche at the CNRS ☺



✉ Olivier Cunrath

Research team

Metals and Microorganisms, co-led by Isabelle Schalk & Gaëtan Mislin

Where?

Institute of Biotechnology and Cell Signaling

Research

The fascinating role of metals in shaping the communities of microorganisms – our **microbiomes**.

What is your research about?

We know that microbiomes, such as those in the human gut or on animal skin, are crucial for health because they can provide colonization resistance—the natural ability of resident microbes to block the growth of harmful pathogens.

“

My work seeks to understand how the availability of nutrient metals, and particularly siderophores (small molecules that capture iron), influences this protective effect.

Our recent findings show that nutrient and siderophore availability can significantly affect the ability of microbiomes to defend their hosts—sometimes enhancing protection, and sometimes diminishing it.

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The potential impact?

Looking ahead, this research has the potential for broad impact ↗



In **medicine**, it could inspire new ways to strengthen our natural defenses against infections by supporting healthy microbiomes rather than relying solely on antibiotics.

In **ecology and conservation**, it could help us protect vulnerable species, such as amphibians, by harnessing their microbial allies to resist devastating diseases.

✉ Olivier Cunrath

Read the full **portrait** on the ESBS website ↗

<https://esbs.unistra.fr>

Focus Biotech

The Biotech week-end is fast approaching ⏰

From November 7 to 8th, the Biotech Week-end will take place at the Pôle API. A biotech event you mustn't forget to talk about **science**, **innovation**, and **biotechnologies**. This event is organized by the student association Nouvelle Génération des Biotechnologistes (NGB), the alumni and the ESBS!

La Lettre de l'**ESBS**



Why participate?

- Attend inspiring conferences by professionals in the field,
- Internships with our partner companies: internship opportunities and networking,
- Participate in round tables and the poster session to enrich your scientific knowledge,
- Join the ESBS community!

Book your place now!



Focus Alsace Tech

Forum Stage & Emploi, the largest meeting of students, graduates, and companies in the Grand-Est region 

The 19th edition of the **Forum Stage & Emploi** will be held on October 16th, an event co-organized by Alsace Tech and the University of Strasbourg. To become the ideal candidate in the eyes of recruiters, prepare for the forum at the **BEFORE** event on October 9th from 11am to 5pm at the Manufacture des Tabacs. This is an opportunity to prepare you for an internship, a work-study program or your first job during the in-person forum where you will have access to multiple offers in the fields of health, science and biotech.



Halle des Sports



October 16th

Enjoy your retirement ❤

On the occasion of the School's General Assembly held on July 3, we had the honor of bidding farewell to three of our teacher-researchers: **Bruno Chatton**, **François Deryckère**, and **Georges Orfanoudakis**. Their exemplary careers, dedicated to teaching and research, have made them true pillars of the engineering program and left a lasting impact on the ESBS community. ❤ We express our deepest gratitude for their valuable contributions throughout the years and extend our warmest wishes for a fulfilling and well-deserved retirement!



CATCH UP ON OUR NEWS

<https://esbs.unistra.fr>