



In partnership with:



## PROGRAMME

### Congress & Exhibition

# IP4H

## INNOVATIVE POLYMERS FOR HEALTHCARE



**sfip** | Société Française  
des Ingénieurs  
des Plastiques

With the support of:





## The main topics are the following:

- › Recycling / Sustainable Development
- › Use of Bio-based Materials (Non-fossil Resources)
- › Regulatory Changes
- › Alternatives to PFAS Fluropolymers
- › Material Innovations
- › 3D / 4D Printing
- › Connected Devices - AI
- › Biometric Devices
- › Polymer Resistance to Different Sterilisation Methods
- › Implantable Polymers
- › Controlled-Release Devices

**SFIP** - the French Society of Plastics Engineers - is organizing a congress dedicated to the medical & healthcare industry on March 25 and 26 2026.

Polymers and textiles meet the challenges of connected health, customisation, traceability and homecare.

They are at the heart of solutions in a wide range of applications: medical devices (single-use medical devices, implantable medical devices, etc.), primary and secondary packaging, in-vitro diagnostics, etc.

Thanks to their unique properties, they meet the regulatory requirements, of quality, safety and innovation required by this very demanding sector regarding patient protection.

This congress is dedicated to raw material producers, industrial and academic researchers, designers, processors/converters and manufacturers of products for medical use, start-ups and prescribers/purchasers.



## SCIENTIFIC COMMITTEE

Cécile BALLOFFET  
**CELANESE**

Sébastien CHARLON  
**IMT NORD EUROPE**

Corinne FARACE / Clara LECLAIRE  
**TECHTERA**

Véronique FRAIGNEAU  
**PLASTICS EUROPE**

Philippe DE GROOTE  
**CERTECH**

Nicolas LONGHITANO  
**POLYMERIS**

Sophie ROUIF  
**IONISOS**

Isabelle TROCHERIE  
**SFIP**

Christian POMMEREAU  
**SANOFI**

Nolwenn STEPHAN  
**NEMERA**

Samuel DOREY  
**SARTORIUS**

## Congress Venue

### **Institut Charles Sadron**

Campus de Cronenbourg  
23 rue du Loess Strasbourg  
67200 Strasbourg



## LANGUAGE OF THE CONGRESS

The entire congress will be in english  
(slides will be in English and oral presentations )

## Contact

**Pauline Desportes - SFIP**  
pauline.desportes@sfip-plastic.org  
Tel: + 33 (0)1 46 53 10 74

# 25 march 2026

9:00 **WELCOME COFFEE**

9:30 **Congress Opening**

## SESSION SUSTAINABILITY

9:40 **KEYNOTE - Recycling of medical injection devices: a matter of collaboration!**  
Christian POMMEREAU - SANOFI – Matthew DWYER - LILLY France - Laurence BOURET - DASTRI

10:15 **Reimagine drug delivery devices with polycarbonates**  
Christopher SCHIRWITZ, Jean-Claude CLERGUE - COVESTRO

10:40 **Sustainable Healthcare Solutions through eco-efficient design**  
Emmanuel BOXUS - BOREALIS

11:05 **Presentation of the exhibitors - 2 min 2 slides**

11:25 **COFFEE BREAK**

12:10 **Impact of material and geometry on pH stability of bicarbonate-buffered media for cell therapy applications**  
Jean Baptiste BRUCKNER - SARTORIUS

12:35 **Chances and Limitations in the Use of New Biopolymers in Healthcare Products**  
Julian LOTZ - BIOVOX

13:00 **KEYNOTE - Structuring a 3D printing platform in a hospital: Experience at Brest University Hospital**  
Samuel GUIGO - CHU DE BREST

13:35 **LUNCH**

## SESSION STERILIZATION & IA

15:05 **YOUNG TALENT ZOOM**  
 **Portable Spray Device for Rapid Deposition of Antimicrobial Polyelectrolyte Coatings**  
Yijie LI - SPARTHA Medical

15:25 **Medical Polymer Sterilization methods**  
Pierre DEL POZO - Hans DE BROUWER, - SABIC

15:50 **Gamma/E-beam to new X-Rays: How to compare radiation sterilization technologies on PP, PE and PET?**  
Nicolas LUDWIG<sup>1</sup>, Sophie ROUIF<sup>2</sup>, Flavie PETROS<sup>2</sup>, Emma SLIWAK<sup>2</sup>, Belkacem OTAZAGHINE<sup>3</sup>, Rodolphe SONNIER<sup>3</sup>, Aurelie TAGUET<sup>3</sup>, Helene GARAY<sup>3</sup>, Florent KUNTZ<sup>1</sup>, Yves BAYON<sup>4</sup>  
1: Aerial, 2: Ionisos Mutual Services, 3: Institut Mines Telecom - Mines d'Alès, 4: Medtronic

16:15 **Modeling the Performance of Polymers under X-ray and Gamma Sterilization via Machine Learning**  
Hakim BOUT - SARTORIUS

16:40 **COFFEE BREAK**

17:25 **AI-Driven Discovery of Antimicrobial Peptides for Next-Generation Smart Coatings Designed to Prevent Medical-Device Infections**  
Aghilas AKKACHE - SPARTHA MEDICAL

17:50 **Introduction to the session Innovative Materials : Medical Plastics - A Technical Review**  
Philippe DE GROOTE - CERTECH

18:15 **End of the 1<sup>st</sup> day**

19:45 **Cocktail reception in Strasbourg**

# 26 march 2026

8:30 WELCOME COFFEE

## SESSION INNOVATIVE MATERIALS

9:00 **Polymers for health and biomaterials**

*Vincent DARCOS, Xavier GARRIC, Benjamin NOTTELET, Coline PINSE, Hélène VAN DEN BERGHE - IBMM*

9:25 **Innovative biopolymer membrane for periodontal ligament regeneration**

*Marine ROUSSET, Xavier SOLIMANDO - CANOE*

*Céline FALENTIN DAUDRE, Jean-Sébastien BAUMANN - CB3S*

9:50 **Innovative Technology for Polymer Impregnation in Medical Devices**

*Nancy HUMMEL - FIBROLINE*

10:15 COFFEE BREAK

## SESSION PFAS FREE

11:00 **Link between PFAS as an emerging E&L compound and the regulatory framework on the suitability of a polymer in healthcare**

*Frank DE SMEDT – Dy.Fr.Nd.*

11:25 **Replacing PTFE with UHMWPE: A High-Performance, PFAS-Free Approach to Medical Component Design**

*Manuel SCHERER, Cécile BALLOFFET - CELANESE*

11:50 **Surface Functionalization as an Alternative to PFAS**

*Pauline SPARD, Matthieu BESSE - CLAYENS*

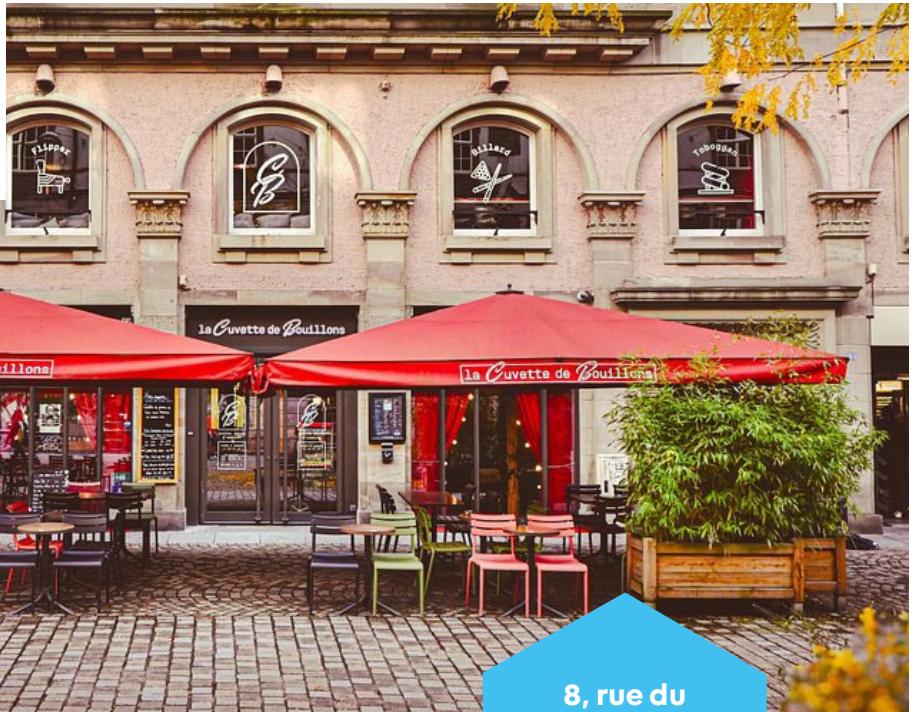
12:15 CONCLUSION

12:20 LUNCH

13:35 END OF THE CONGRESS

# SOCIAL EVENT • 25/03/2026

## COCKTAIL DINNER IN STRASBOURG CITY CENTRE



8, rue du  
22 novembre,  
in Strasbourg  
Places limited.

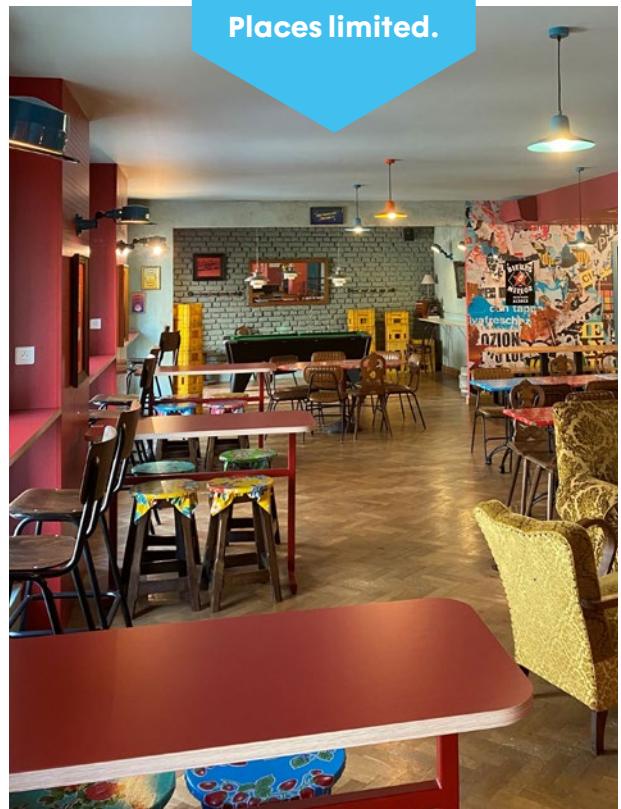
**From 8:00 p.m.**  
**8, rue du 22 novembre, Strasbourg**

Join us for a relaxed and friendly evening in the heart of Strasbourg, at **La Cuvette des Bouillons**.

This informal networking event, held on the sidelines of the IP4H Congress, offers a unique opportunity to continue discussions in a more casual atmosphere.

Share a drink, enjoy a cocktail dinner, and connect with fellow participants, speakers, and partners in an exceptional setting at the very center of the city.

If you'd like to sponsor the cocktail reception, please don't hesitate to contact us to discuss it.



# EXHIBITION & ADVERTISING

During the congress, an exhibition will be held. All coffee breaks and lunches will take place in the exhibition allowing attendees and exhibitors to exchange in a friendly atmosphere.

## CORNER START UP 300 € TTC



- 1 entrance to the congress
- 1 high table & seat
- 1 kakemono (provided by the start up)
- 2'// 2 slides on stage before the 1<sup>st</sup> coffee break

## BOOTH 900 € TTC

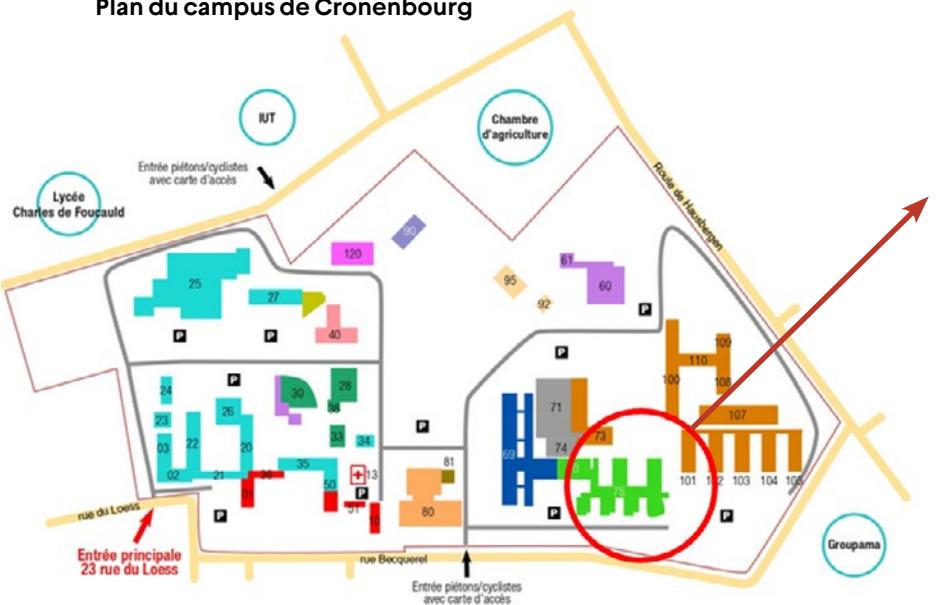
- 1 entrance to the congress
- 1 table + seats (without tablecloth)
- 1 kakemono (provided by the exhibitor)
- 2'// 2 slides on stage before the 1<sup>st</sup> coffee break



If you would like to sponsor a coffee break, lunches or even the cocktail dinner, contact us without delay to discuss it!

# USEFUL INFORMATION

## Plan du campus de Cronenbourg



## VENUE



INSTITUT  
Charles  
SADRON  
CNRS - UNISTRA - STRASBOURG

## INSTITUT CHARLES SADRON

Institut Charles Sadron - Campus de Cronenbourg  
23 rue du Loess Strasbourg  
67200 Strasbourg



### From the Airport

#### Take the shuttle to STRASBOURG:

- The shuttle will drop you off at the central station.
- Take line G to Arago station.
- The campus is located opposite the bus stop. The entrance is on your left next to the campus reception.



### From the Central Station

#### Take line G and get off at Arago.

- The campus is located opposite the bus stop. The entrance is on your left next to the campus reception.



### By Car

- **From PARIS**, take the A4 motorway.
- **From LYON**, take the A35 motorway and the N83.
- **From STRASBOURG-ENTZHEIM International Airport**, take the A35 towards STRASBOURG.
- **In STRASBOURG**, take the CRONENBOURG exit:
  - After the slip road, turn left, go straight, follow the cemetery in the direction of MITTELHAUSBERGEN.
  - Approximately 500m after a railway bridge, take the third street on the right; a sign on the right will indicate Campus de Cronenbourg, rue du Loess.
  - Go straight, and ask at the reception if necessary.

## LANGUAGE OF THE CONGRESS

The congress will be entirely in English.

## CONTACT

### Pauline Desportes - SFIP

pauline.desportes@sfip-plastic.org  
Tel: + 33 (0)1 46 53 10 74

## ACCOMODATION

Please note that the congress will be held in Institut Charles Sadron, 15' by bus from the train station and the cocktail dinner will be in Strasbourg's city center.

**Find accommodations via this [LINK](#)**

# PRICES & REGISTRATION

## REGISTRATION ONLINE



Member rate (€ TTC)	
Member rate	650 €
PRIME SFIP	Free
Non member rate	
Non-member	815 €
Small firm (<250 people)	350 €
University	150 €
Co-author : -50% depending on profile	
Student: free (for the conferences only > student card copy required - Subject to availability)	

### REGISTRATION CONDITIONS

- Registration fees include participation at the conference, documentation, lunches & coffee breaks, cocktail dinners
- When we have received the registration form, we will send you a confirmation message and an invoice. Please indicate the accounts department address when necessary.
- Till 25<sup>th</sup> of February 2026, you can cancel your registration in a written form. After this date, the entire registration will be retained. Registered participants not able to attend may nominate a substitute and inform us in a written form.
- By registering for this event, I agree that photos and videos taken during the event may be used by the organizers for promotional purposes. If I do not wish to appear, I will inform the organizers in advance.

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