

Day organized by the Department
Science and Technology for Health

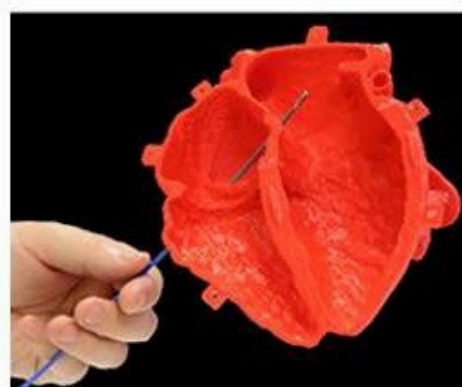
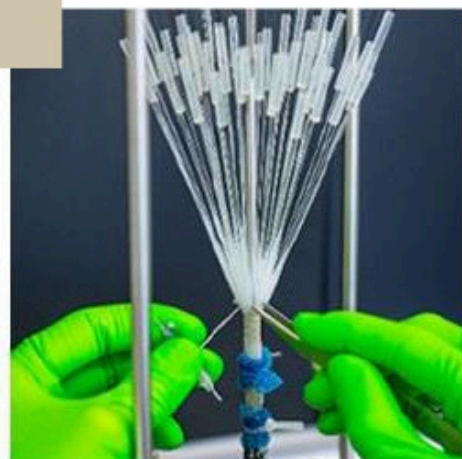
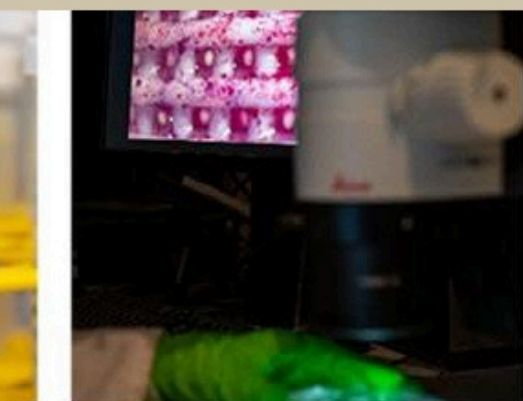
STS Department Scientific Day

5th edition

November 23rd 2023

Institut Européen de Chimie et de Biologie (IECB)
2 rue Robert Escarpit 33600 Pessac

Free registration on <https://sts2023.sciencesconf.org/>



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sts.u-bordeaux.fr

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5th STS Department Scientific Day
November 23rd 2023 - Morning
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- 9h00** **Opening of the day**
Anne-Karine Bouzier-Sore, *Director, STS Department*
- 9h10** **Plenary Conference**
Annette Beck Sickinger, *Leipzig University* - "G Protein-Coupled Receptors: State of the Art and Innovative Therapeutic Concepts"
- 10h00** **Flash presentations**
Marion Mathelié-Guinlet, *CBMN* / **Michele Valeo**, *CBMN* / **Ifrah Omar**, *CRMSB*
- 10h15** **New researchers session**
Hélène Roumes-Rodriguez, *CRMSB* - "Cerebral energy metabolism: Physiological and physiopathological approach"
- 10h30** **Oral presentation**
Loïc Delcourte, *CBMN* - "Architecture of a bacterial signalosome revealed by magic-angle spinning NMR-based integrative structural biology"
- 10h45** **Coffee Break**
- 11h15** **Flash presentations**
Melissa Kosovari, *CBMN* / **Amel Imene Hadj Bouzid**, *CRCTB* / **Chloé Freyermuth**, *CBMN*
- 11h30** **Oral presentation**
Micaela Roque, *BioTis* - "A composite elastin derivative-based hydrogel designed for promoting bone formation, vascularization, and innervation: In vivo evaluation in ectopic and heterotopic models"
- 11h45** **STS Collaborative Projects Laureates session**
Marie-Christine Gerbod-Giannon/Henri Barry, *ARNA/CBMN* - "Lipid AntiSense Oligonucleotides to impair Antibiotic Efflux in *Pseudomonas aeruginosa*"
- 12h00** **Oral presentation**
Elise Cosenza, *CRMSB* - "MouseFlow: a universal pipeline for mouse brain diffusion MRI data, generating tractograms and diffusion metrics"
- 12h15** **Flash presentations**
Vicky Ury-Thiery, *CBMN* / **Emmanuelle Thinon**, *CBMN* / **Pascale Sarkis**, *ARNA*
- 12h30** **Lunch buffet**
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5th STS Department Scientific Day
November 23rd 2023 - Afternoon

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- 13h30** **Poster session**
Entrance Hall
- 14h30** **Plenary Conference**
Alexis Vallée-Bélisle, Montreal University - “Health nanotechnologies inspired by biochemical systems”
- 15h20** **ERC Laureate session**
Yaser Hashem, ARNA - “Species-specific aspects in eukaryotic mRNA translation modulation and their implications in diseases (SpicTrans)”
- 15h35** **STS Collaborative Projects Laureates session**
Mathilde Fénélon/Marlène Durand, BIOTIS/CIC IT - “Use of human amniochorionic membrane as an alternative to induced membrane for bone regeneration”
- 15h50** **Coffee Break**
- 16h30** **Oral presentation**
Ghannaa Shayya, BioTis - “Development of a 3D in vitro mineralized bone model to reproduce the osseointegration process of dental implants”
- 16h45** **New researchers session**
Isaura Caceres, CBMN - “Use of natural products as an alternative strategy against food contaminants”
- 17h00** **ERC Laureate session**
Aurélien Bustin, CRCTB - “Next Generation Cardiac Magnetic Resonance Imaging”
- 17h15** **EIC Pathfinder laureate session**
Gisèle Clofent-Sanchez, CRMSB - ABCardionostics “Human Antibody-enabled Cardiovascular Personalized Theranosis”
- 17h30** **Awards ceremony and closing remarks**
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