

Programme Morning

- 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**
Michele Valeo, *CBMN* / **Ifrah Omar**, *CRMSB* / **Matthieu Douard**, *CRCTB*
- 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* / **Thais Pivetta**, *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-Giannone/Henri Barry, *CBMN/ARNA* - "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**

Programme Afternoon

- 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 Fénelon/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**