

2<sup>nd</sup> CIRM DAY

11 December 2019 (Exedre Dick Annegarn - B08)

- 9:00 Coffee and registration
- 9:20 Welcome
- 9:30 **Raman imaging as a new analytical tool for the quality control of the monitoring of osteogenic differentiation in forming 3D bone tissue.** Charlotte De Bleye.
- 9:50 **Improvement of fenofibrate aqueous solubility by using mesoporous silica impregnation under pressurized carbon dioxide.** Nathan Koch.
- 10:10 **How to overcome the protein corona problem in surface-enhanced Raman scattering (SERS) analyses of cell culture media.** Elodie Dumont.
- 10:30 Coffee break
- 10:50 **Biosensing: measuring the devil inside!** Prof. Heidi Ottevaere, VUB, Biophotonics.
- 11:30 **A quality by design approach for liposomes production by innovative method using supercritical fluids: which parameters use to obtain good physicochemical characteristics?** Noémie Penoy.
- 11:50 **Development of dermatological dosage forms based on essential oils for the treatment of common skin infections.** Hope Sounouvou.
- 12:10 Lunch and posters session
- 13:40 **What metabolomics can get for you (in biological studies).** Dr. Jean-Charles Martin, Metabolomics Platform BIOMET, Faculté de Médecine La Timone, Marseille.
- 14:20 **New Insight into exudative Age-related Macular Degeneration (AMD): A Metabolomics Approach.** M. Schoumacher.
- 14:40 **Hot melt extrusion as a solvent-free technique for the formation of a polymeric amorphous solid dispersion of atorvastatin.** Olivier Jennotte.
- 15:00 Coffee break
- 15:20 **Screening of terbinafine resistance among T.rubrum and T. interdigitale strains circulating in Belgium.** Rosalie Sacheli.
- 15:40 **Lipid-based nanovectors combined with microneedles to enhance skin penetration of genes: in vitro and in vivo studies.** Coralie Bellefroid.
- 16:00 **Ion mobility high resolution mass spectrometry coupled to HILIC and CZE for the characterization of phosphodiester and phosphorothioate oligonucleotides.** Alice Demelenne.
- 16:20 Conclusion and drink