

# posters session 2010



**1. Potential Skin and Osteoarthritis Antiaging Effect of a Purified Brewing Yeast Therapeutic Agent**  
Allardin D., Dillemans M., Priem F., Henrotin Y., Van Nederveelde L.

**2. Infrared (IR) Imaging: a New Tool to Refine Breast Cancer Prognosis**  
Bénard A., Desmedt C., Durbecq V., Rouas G., Larsimont D., Sotiriou C., Goormaghtigh E.

**3. Development of a New in vitro Model of Human Induced Pluripotent Stem Cells to Study Parkinson's Disease**  
Borgs L., Purnelle A., Vallier L., Malgrange B. and Nguyen L.

**4. E.Coli: Strain as Biosensor of Glucose Heterogeneity inside Industrial Bioreactors**  
Brognaux A., Delvigne F., Thonart P.

**5. Complete Microsystem Using SOI Photosensor for DNA Concentration Measurement**  
Bulteel O., Van Overstraeten-Schlögel N. and Flandre D.

**6. Setting-up a Model of Intracellular Infection by Pseudomonas Aeruginosa for the Pharmacodynamic Evaluation of Antibiotic Activity**  
J. Buyck, O. Jolois, P.M. Tulkens and F. Van Bambeke

**7. High-Throughput Screening of Excipients Intended to Prevent Antigen Aggregation at Air-Liquid Interface**  
Dasnoy S., Dezutter N., Lemoine D., Le Bras V., Prétat V.

**8. PONTE - CETIC's SOA and Semantic Expertises for Innovative Clinical Trial Protocol Design and Safe, Efficient, Patients Recruitment**  
Deprez J-C ; Roumier J.; Fally B.

**9. The FTIR Spectrum of Prostate Cancer Cells Signs the Mode of Action of Anticancer Drugs**  
Derenne A., Gasper R. and Goormaghtigh E.

**10. Large Combinatorial Libraries of Cyclic Peptides Biosynthesized and Secreted by E. Coli.**  
Deschuyteneer G., Garcia S., Michiels B., Baudoux B., Degand H., Morsomme P., and Soumillion P.

**11. In vitro Toxicity of Tobramycin and Macrolide Combinations on Human Monocytes and Respiratory Cell Lines**  
I. Dupiereux, G. Duysens, J. Buyck, F. Van Bambek, B. Streef, H. Traore, G. De Meyer, E. Heinen and O. Jolois

**12. Optimal Design of a Trapezo-Metacarpal Prosthetic Implant**  
Farhat D.

**13. Study of Cell Responses in Reconstructed Human Epidermis Treated with Irritants and Sensitizers Identifies Specific Biomarkers Potentially Used in Skin Toxicology**  
Frankart A., Coquette A., Schroeder K., Poumay Y.

**14. Nitric Oxide Potentiates the Differentiation of Adult Cardiac Resident Stem Cells into Cardiac Myocytes**  
A. Friart, J. Kmecova, B. Sekkali, C. Dubroca, P. Massion, C. Bouzin, O. Feron, C. Sibille, J-L. Balligand

**15. Use of Magnetic Sensors to Model the Relationship between the Internal Movement of Bronchial Tumours and Patient Respiration, in order to Track the Position of the Tumour during Radiation Therapy.**  
Goossens S., Geets X.

**16. Innovative Spectral Surface Plasmon Resonance Applied to Droplet Biodetection**  
J. Hastanin, C. Desfours, C. Lenaerts, K. Fleury, S. Habraken

**17. Production of Biopharmaceuticals in Plants**  
N. Jacquet, B. Magy, C. Navarre & M. Boutry.

**18. A New Diagnostic Biosensor for the Specific and Conformation-Sensitive Detection of the Abeta Peptide in Alzheimer's Disease**  
Kleiren E, Ruyschaert J-M, Goormaghtigh E, Raussens.

**19. Impact of Carbon Nanomaterials on Platelet Function : Evaluation of the Suitability of Different Methods and Study of their Biological Effect**  
Laloy J., Mullier F., Robert S., Lutfiye A., Marbehant C., Mejia J., Piret JP., Lucas S., Toussaint O., Masereel B., Chatelain B., Rolin S. and Dogné JM.

**20. The Calibrated Thrombin Generation Test (cTGT) : a Gold Standard Assay to Assess the Procoagulant Activity of Nanomaterials**  
Laloy J. Robert S. , Marbehant C. , Mullier F. , Mejia J., Piret J-P. Delhalle J. , Lucas S., Chatelain B. , Dogné J-M , Toussaint O. , Masereel B. & Rolin S.

**21. Development of "INTELLIGENT" RUII-ODN CONJUGATES for GENE Therapy Applications**  
Marcélis L., Le Gac S., Defrancq E, Moucheron C., Kirsch - De Mesmaeker A.

**22. Evaluation of a new Automated Pilot for CPAP Treatment based on Mandible Behavior in the Obstructive Sleep Apnea Syndrome**  
G Maury MD, R Poirrier MD PhD, L Cambron, P Ansay Ir PhD, E Graas Ir, F Senny Ir PhD.

**23. Integrated Capacitive Biosensors Based on Filamentous Phages**  
Mercier D., Santoro R., Sbillé I., Deschuyteneer G., Tang X., Moreno L., Flandre D., Soumillion P. and Proost J.

**24. Characterizing Tissue-Based Biomarkers: A Quantitative Approach**  
X. Moles Lopez, D. Lefkaditis, L. Larbanoix, F. Morel, A. Verrellen, G. Lacroix, I. Roland, I. Salmon, C. Decaestecker

**25. SENSOI : Miniaturized and Low Cost Innovative Detection Systems for Medical and Environmental Applications**  
L. Moreno-Hagelsieb; Y. Nizet, X. Tang, O. Bulteel, N. Van Overstraeten-Schlögel, N. André, P. Dupuis, J.-P. Raskin, P.A. Fontayne, J.-L. Gala, L. Francis, D. Flandre

**26. Platelet Microparticle Generation Assay: a Valuable and Simpler Alternative to C-SRA for Type-II HIT Diagnosis**  
Mullier F, Bailly N, Cornet Y, Robert S, Osselaer JC, Chatelain C, Elalamy I, Dogné JM, Chatelain B

**27. Comparison of Laboratory Assays to Measure Dabigatran Effect on Coagulation**  
F. Mullier, J. Douxfils, S. Robert, H. Mekouar, F. Polet, F. Biot, M-C Lambert, J. Baudar, Ph. Devel, Ch. Chatelain, B. Chatelain, J.-M Dogné

**28. Usefulness of Microparticles's Release to Improve Diagnosis of Hereditary Spherocytosis: Results of a Multicentre Study**  
F. Mullier, E. Lainey, O. Fenneteau L. Da Costa, F. Schillinger, N. Bailly, Y. Cornet , Ch. Chatelain, J-M Dogne and B. Chatelain

**29. Partial Null Mutation of Na/Ca Exchanger Increases Glucose-Induced Insulin Release, Beta-Cell Proliferation and Mass**  
E. Nguidjoe, S. Sokolow, S. Bigabwa, N. Pachera, S. Schurmans and A. Herchuelz.

**30. Innovative Tool for Flexible Single-Use Bioprocessing**  
N.M.G. Oosterhuis, J.J. van den Berg, A. Tromper.

**31. Bone Sarcomas : Computers Assist the Surgical Treatment**  
Paul L, Docquier PL, Cartiaux O, Delloye C, Banse X.

**32. Optimization Strategy of Oral Vaccination by Polymeric Nanoparticles : M Cells Targeting or Bioadhesion ?**  
Plapied L., des Rieux A., Marchand-Brynaert J., Jérôme C., Schneider Y-J, Prétat V.

**33. MPLPLUS: Toward a New Process for the Production of Monophosphoryl Lipid A**  
C. Razafindralaza and E. Vilain.

**34. Comparison of Laboratory Assays to Measure Rivaroxaban Effect on Coagulation**  
Robert S., Douxfils J., Mullier F., Mekouar H, Polet F., Biot F., Lambert MC., Baudar J., Devel P., Chatelain C., Chatelain B., Dogné JM.

**35. Functional Analysis of the Shigella IpaD Antigen and its Potential Use to Prevent Shigellosis**  
Schiavolin L., Meghraoui A. and Allaoui A.

**36. Structure-Based Design, Synthesis, and Pharmacological Evaluation of 3-(Aminoalkyl)-5-fluoroindoles as Myeloperoxidase Inhibitors**  
Soubhye J., Prévost M., Van Antwerpen P., Zouaoui Boudjeltia K., Rousseau A., Furtmuller P. G., Obinger Ch. Vanhaeverbeek M., Ducobu J., Nève J., Gelbcke M. and Dufrasne F.

**37. Large Scale Cell Therapy Product Cryopreservation for Clinical Application**  
V. Steenwinckel, R. Awédikian, J. Marijsse, C. Jacques-Hespel, S. Wynants, Q. Arnould, A. Seron and G. Deblandre.

**38. Rheological Study of Blends for DPI Applications**  
K.Traina, G. Lumay, N. Vandewalle, T.Sebti, B.Streef, R.Cloots, F. Boschini.

**39. Generation of Protective Immune Response against the P815 Tumor by DNA Electrotransfer**  
Vandermeulen G., Uyttenhove C., De Plaen E., Van den Eynde B. and Prétat V.

**40. Single-Cell Assays for High Throughput Mechanoregulatory Drugs Screening**  
Versaevel M., Thomas Grevesse T. and Gabriele S.

**41. Vibrational Spectroscopy in Pharmaceutical Industry : from Development of the Most Appropriate Predictive Model to Routine Implementation**  
E. Ziemons, J. Mantanus, E. Rozet, P. Lebrun, R. KLinkenberg, B. Streef, F. Moonen, B. Evrard, Ph. Hubert.