

CONFERENCE-ORALS

- [16] **Park, HJ.**, Rouabhia, M., Lavertu, D., Zhang, Z. (May 5, 2016) Electrically Activated Primary Human Fibroblasts Improve *In vitro* and *In vivo* Skin Regeneration. 10^e Journée de la recherche Groupe de recherche en écologie buccale, Québec, QC, Canada. **The best oral presentation awards**
- [15] **Park, HJ.**, Salem, M., Semlali, A., Leung, KP., Rouabhia, M. (May 5, 2016) Antimicrobial peptide KSL-W promotes gingival fibroblast growth, migration, and defense against *Streptococcus mutans* infection. 10^e Journée de la recherche Groupe de recherche en écologie buccale, Québec, QC, Canada. **The best oral presentation awards**
- [14] **Park, HJ.**, Rouabhia, D., Rouabhia, M., Lavertu, D., Zhang, Z. (April 15-18, 2015) Study the effect of electrical stimulation through the conductive membranes on the wound healing gene expression in normal human dermal fibroblasts. Society For Biomaterials 2015 Annual Meeting&Exposition, Charlotte, NC, USA.
- [13] **Park, HJ.**, Rouabhia, D., Rouabhia, M., Lavertu, D., Zhang, Z. (April 16-19, 2014) Interaction of Electrically Stimulated Fibroblasts with Keratinocytes promotes Better Skin Equivalent Production. Society For Biomaterials 2014 Annual Meeting&Exposition, Denver, CO, USA.
- [12] **Park, HJ.**, Rouabhia, D., Zhang, Z., Lavertu, D. (May 9, 2014) Effect of electrical stimulation on fibroblast interacting with keratinocytes during human skin equivalent engineering. 8^e Journée de la recherche Groupe de recherche en écologie buccale, Québec, QC, Canada.
- [11] **Park, HJ.**, Rouabhia, M., Meng, S., Derbali, H., Zhang, Z. (May 10, 2013) Electrical stimulation through a bioactive and conductive polymer enhanced human skin fibroblasts growth and accelerated wound healing. 7^e Journée de la recherche Groupe de recherche en écologie buccale, Québec, QC, Canada.
- [10] Bergeron, E., Senta, H., **Park, H.**, Malloux, A., Lord, E., Fauchaux, N. (May 2010). Differentiation des preosteoblastes et des preadipocytes par le BMP-2 et le peptide pBMP-9, 78^e congrès de l'Association francophone pour le savoir (ACFAS), Montreal, QC, Canada.
- [9] Bergeron, E., Senta, H., **Park, H.**, Malloux, A., Lord, E., Fauchaux, N. (Feb. 2010). Nouvelle molecule pour reduire le cout de la reparation des os, Seminarie du departement de genie chimique et de genie biotechnologique, Sherbrooke, QC, Canada.
- [8] Bergeron, E., Senta, H., **Park, H.**, Malloux, A., Lord, E., Fauchaux, N. (Oct. 2009). Effects of a peptide derived from BMP-9 on preosteoblasts and preadipocytes differentiation, International Bone-Tissue Engineering Congress Bone-tec 2009, Hanovre, Germany.
- [7] Drevelle, O., Lauzon, M.-A., Bergerone, E., **Park, H.**, Senta, H., Fauchaux, N. (Oct. 2009). Influence of RGD-polycaprolactone films on preosteoblast responses, International Bone-Tissue Engineering Congress Bone-tec 2009, Hanovre, Germany.
- [6] Drevelle, O., Lauzon, M.-A., Bergerone, E., **Park, H.**, Senta, H., Fauchaux, N. (Sep. 2009). Influence of RGD-polycaprolactone films on preosteoblast responses, 9^e Journee annuelle de recherche du programme de residence en orthopedie de Sherbrooke (P.R.O.S.), Sherbrooke, QC, Canada.
- [5] **Park, H.**, Bergeron, E., Senta, H., Fauchaux, N. (June 2009). Comparative study of pBMP-2 and pBMP-9 effects on osteosarcoma cell line, 11th Meeting SCGCh Ontario-Quebec in Biotechnology, Waterloo, ON, Canada.
- [4] Bergeron, E., Senta, H., Malloux, A., **Park, H.**, Fauchaux, N. (Oct. 2009). (Oct. 2008). Effet d'un peptide derive du BMP-9 sur la differenciation de preosteoblastes murins, 8^e Journee annuelle de rechercher du P.R.O.S., Sherbrooke, QC, Canada.
- [3] Lord, E., **Park, H.**, Drevelle, O., Bergeron, E., Senta, H., Fauchaux, N. (Oct. 2008). Human preadipocytes treated with bone morphogenetic proteins in serum-free conditions to repair bones, 58th Canadian Chemical Engineering Conference (CSCHE2008), Ottawa, ON, Canada.

- [2] Lord, E., **Park, H.**, Normand, V., Bergeron, E., Faucheux, N. (Sep. 2007). Short-term effects of a small-peptide derived from BMP-9 on preadipocytes differentiation to osteoblasts, International Symposium on Bioengineering and Regenerative Medicine, Mulhouse, France.
- [1] **Park, H.**, (April 2007). Seminaire du departement de genie chimique et de genie biotechnologique, Sherbrooke, QC, Canada.

CONFERENCE-POSTER

- [13] **Park, HJ.**, Zhang, Z., Rouabhia, M. (May 27-30, 2015) Electrical stimulation through conductive membranes modulates different wound healing genes including CCL7, KGF, and TIMP2 but reduced MMP2 in normal human dermal fibroblasts. 32nd Annual Meeting of the Canadian Biomaterials Society, Toronto, ON, Canada.
- [12] **Park, HJ.**, Zhang, Z., Rouabhia, M. (May 7, 2015) Electrical stimulation through conductive membranes strongly affected different wound healing genes including CCL7, KGF, TIMP2 and MMP2 in normal human dermal fibroblasts, 9^e Journée de la recherche Groupe de recherche en écologie buccale, Québec, QC, Canada. **The best poster presentation awards**
- [11] **Park, HJ.**, Rouabhia, D., Zhang, Z., Lavertu, D., Rouabhia, M. (June 4-7, 2014) Electrical stimulation through conductive PPy-PLLA material promoted fibroblast interacting with keratinocytes generating better organised human skin equivalent. 31st Annual Meeting of the Canadian Biomaterials Society, Halifax, NS, Canada. **The best poster presentation awards**
- [10] **Park, HJ.**, Rouabhia, D., Rouabhia, M., Lavertu, D., Zhang, Z. (May 29, 2014) La stimulation électrique des fibroblastes favorise la formation d'une peau équivalente bien structurée et potentiellement greffable. Journée de la recherche de la Faculté de médecine, Québec, QC, Canada.
- [9] **Park, HJ.**, Rouabhia, M., Meng, S., Derbali, H., Zhang, Z. (May 29-June 1, 2013) Involvement of Electrical Stimulation in Skin Wound Healing Processes. 30th Annual Meeting of the Canadian Biomaterials Society, Ottawa, ON, Canada.
- [8] **Park, HJ.**, Meng, S., Derbali, H., Zhang, Z., Rouabhia, M. (May 6-10, 2013). Effet de stimulation électrique sur la cicatrisation - Une étude in vitro, 81^e Congrès de l'Acfas, Québec, QC, Canada.
- [7] Beauvais, S., **Park, H.**, Sirois, J., Fauchaux, N. (June 2009). Effect of sanguinarine on osteosarcoma cell behaviour, 11th Meeting SCGCh Ontario-Quebec in Biotechnology, Waterloo, ON, Canada.
- [6] Bergeron, E., Marquis, M. E., Lord, E., Tremblay, M., **Park, H.**, Fauchaux, N. (May 2008). Influence of adhesion peptides on preosteoblast responses to pBMP-9, 8th World Biomaterials Congress, Amsterdam, Netherland.
- [5] Lord, E., **Park, H.**, Normand, V., Bourgoin, L., Bergeron, E., Fauchaux, N. (May-June 2008). Modulation of preadipocyte responses to pBMP-9 by integrins, 8th World Biomaterials Congress, Amsterdam, Netherland.
- [4] Lord, E., **Park, H.**, Normand, V., Bourgoin, L., Bergeron, E., Fauchaux, N. (May-June 2008). Modulation of preadipocyte responses to pBMP-9 by integrins, 18th GRIBOI Conference, Montreal, QC, Canada.
- [3] **Park, H.**, Baroud, G., Gitzhofer, F. (Aug 26-31, 2007) Preparation of high value nano α -tricalcium phosphate powders using suspension induction plasma spraying (SIPS), 18th International Symposium of Plasma chemistry (ISPC), Kyoto, Japan.
- [2] Damia, C., **Park, H.**, Habib, M., Baroud, G., Gitzhofer, F. (April 2-3, 2007) Spherical α -TCP Obtained by Suspension Induction Plasma Spraying 17th Interdisciplinary Research Conference on Biomaterials, GRIBOI, Oxford.
- [1] Habib, M., **Park, H.**, Baroud, G., Gitzhofer, F. (Jan, 2007) Plasma Treated Calcium Phosphate Bone Cement Injectability Study 1st Thermal plasma, Cairo, Egypt.