



دکتر فریبرز بهرامی  
Fariborz Bahrami, Ph.D.

استادیار و عضو هیأت علمی

بخش ایمنولوژی

انستیتو پاستور ایران

خیابان پاستور- شماره ۶۹، تهران ۱۳۱۶۹-۴۳۵۵۱

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#### **CURRENT POSITION:**

**Assistant Professor & Faculty Member (24 February 2014 - Present)**

Pasteur Institute of Iran (Institut Pasteur d'Iran ; IPI)

<sup>1</sup>Department of Immunology

<sup>2</sup>Research Centre for Emerging and Reemerging Infectious Diseases

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#### **OTHER ACTIVITIES:**

**Review Editor (22 May 2021 - Present)**

Parasite Immunology - Frontiers in Immunology (ISSN: 1664-3224)

<https://www.frontiersin.org/journals/immunology/sections/parasite-immunology#editorial-board>

**IPI Administer (07 May 2018 - Present)**

EU project LeiShield-MATI "A multi-disciplinary international effort to identify clinical, molecular and social factors impacting cutaneous leishmaniasis", funded by the Research and Innovation Staff Exchange Program (RISE), Marie Skłodowska-Curie Actions, Horizon 2020 (Grant Agreement N°778298)

<https://mati.leishield.org/en>

**Associate Editor (24 December 2014 - Present)**

Vaccine Research (ISSN: 2383-2819)

<http://vacres.pasteur.ac.ir/page/124/Editorial-Board>

**RESEARCH INTERESTS:**

- Immunology of leishmaniasis
- Development of immune-based therapies against intracellular microorganisms
- Mechanisms of pathogenesis/immunosuppression by intracellular microorganisms

**FELLOWSHIPS:**

**Postdoctoral Research Fellow (21 April 2011 - 23 February 2014)**

Pasteur Institute of Iran (Institut Pasteur d'Iran)

Department of Immunology

69 Pasteur Ave., Tehran 13169-43551, Islamic Republic of Iran

Research topic: (Immunology) The role of T regulatory cells in human Cutaneous Leishmaniasis

**Postdoctoral Research Fellow: 01 June 2008 - 31 December 2010**

Laval University

Centre de Recherche en Rhumatologie et Immunologie (CRRRI)

2705 Boulevard Laurier, Local T1-49, Québec, QC G1V 4G2, Canada

Research topic: (Immunology) The role of extracellular nucleotides in human colon inflammation

**Postdoctoral Research Fellow: 01 February 2006 - 31 October 2007**

Institut Pasteur

Département de Biologie Structurale et Chimie, Unité de Chimie Organique

28 rue du Docteur Roux, 75724 Paris, France

Research topic: (Molecular Biology) Directed evolution of nucleic acids polymerases

**EDUCATION:**

**Doctor of Philosophy (Ph.D.): 2002 - 2005**

Microbiology, McGill University, Montréal, QC, Canada

Thesis title: Iron Acquisition by *Actinobacillus suis* (ISBN: 978-0-494-21617-0)

**Master of Science (M.Sc.): 2001 - 2002**

Microbiology, McGill University, Montréal, QC, Canada

Started in January 2001, transferred to Ph.D. in September 2002

**Graduate Certificate: 2000**

Biotechnology, McGill University, Montréal, QC, Canada

**Bachelor of Science (B.Sc.): 1996 - 1999**

Major: Microbiology & Immunology; Minor: Biotechnology, McGill University, Montréal, QC, Canada

**Diplôme d'Études Collégiales (D.E.C.): 1994 - 1996**

Health Sciences - Honours Programme, Dawson College, Montréal, QC, Canada

**RESEARCH SKILLS:**

Fundamental techniques of the bacteriology, immunology and molecular biology laboratories, cloning, DNA sequencing, gene knock-down techniques (shRNA & siRNA), semi-quantitative and Real-Time quantitative PCR, *in vitro* expression of recombinant proteins (*E. coli* & Sf9), protein purification, affinity isolations, solid-phase binding assays, SDS-PAGE, trans-blotting, immunoassays, DNA-primer extension assay, radioactive materials laboratory, bioinformatics

tools, mammalian cell culturing, ELISA and laboratory mouse techniques. Writing and editing scientific articles in English.

### TEACHING:

Lectured at Pasteur Institute of Iran for IPI Ph.D. students:

- Immunity against Protozoa: 2015-2022
- Immunohematology: 2015-2022
- Mucosal Immunity: 2015-2022
- Humoral Immunity 2016-2022
- Surface Plasmon Resonance (SPR): 2015-2021
- Fluorescence Resonance Energy Transfer (FRET): 2015-2021
- Western-Blotting: 2015-2021
- Regulatory Immune Responses: 2015
- Immunoglobulins 2016-2018
- Complements: 2015
- An introduction to “Bioinformatics in Immunology Research for Graduate Students: 2011-2019

### WORKSHOPS PRESENTED:

- Using SPR for molecular antibody development (Pasteur Institute of Iran, Tehran, January 2019)
- An introduction to principles and applications of immunoinformatics (Pasteur Institute of Iran, Tehran, September 2018)
- A practical guide for designing primers (Pasteur Institute of Iran, Tehran, December 2016)
- A practical guide for designing primers (Tarbiat Moddares University, Tehran, May 2016)
- An introduction in application of bioinformatics in immunology research (Pasteur Institute of Iran, Tehran, September 2015)

### PEER-REVIEWED PUBLICATIONS:

**Web of Science ResearcherID:** AAU-9648-2021

**Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=36803747800#>

**PubMed:** <https://www.ncbi.nlm.nih.gov/pubmed/?term=Fariborz+Bahrami>

**ResearcherID (THOMSON REUTERS):** <http://www.researcherid.com/rid/J-7123-2017>

**Google Scholar:** <https://scholar.google.com/citations?user=vmZukd0AAAAJ&hl=en>

**Orcid:** <https://orcid.org/0000-0001-9561-415X>

**Publons:** <https://publons.com/researcher/4596943/fariborz-bahrami/>

Taslimi Y, Masoudzadeh N, **Bahrami F**, Rafati S (2022) Cutaneous leishmaniasis: multiomics approaches to unravel the role of immune cells checkpoints. *Expert Rev Proteomics*. Oct 12;1-13. doi: 10.1080/14789450.2022.2131545. **PMID: 36191333**

Fayaz S, **Bahrami F**, Fard-Esfahani P, Parvizi P, Bahramali G, Ajdary S (2022) Immunoinformatics evaluation of a fusion protein composed of *Leishmania infantum* LiHyV and *Phlebotomus kandelakii* apyrase as a vaccine candidate against visceral leishmaniasis *Iran J Parasitol*. 17 (2), 145-158. **PMID: 36032738**

**Bahrami F**, Masoudzadeh N, Van Veen S, Persson J, Lari A, Sarvnaz H, Taslimi Y, Östensson M, Andersson B, Sharifi I, Goyonlo VM, Ottenhoff TH, Haks MC, Harandi AM, Rafati S. (2022) Blood transcriptional profiles distinguish different clinical stages of cutaneous leishmaniasis in humans. *Mol Immunol.* 149:165-173. **PMID: 35905592**

Alimohmmadian MH, Ajdary S, **Bahrami F** (2022) A historic review of the role of CD4<sup>+</sup> T-Cell subsets in development of the immune responses against cutaneous and visceral leishmaniasis. *Iran Biomed J.* 26(2):99-109. **PMID: 35090305**

**Bahrami F**, Mostafavi E (2021) Dr. Abolghasem Bahrami (1894-1950): Physician, Pasteurian, and a pioneer of microbiology and public health planning in Iran. *Iran Biomed J* 26 (2): 91-98. **PMID: 34865412**

Barati M, Mohebbali M, Khamesipour A, **Bahrami F**, Darabi H, Khaze V, Riazi-Rad F, Habibi G, Ajdary S, Alimohammadian MH. (2021) Evaluation of cellular immune responses in dogs immunized with alum-precipitated autoclaved *Leishmania major* along with BCG and Imiquimod. *Iran J Parasitol.* 16 (3), 348-356. **PMID: 34630579**

Fayaz S, Fard-Esfahani P, **Bahrami F**, Parvizi P, Ajdary S. (2021) High resolution melting assay in discrimination of the main etiologic agents of leishmaniasis in Iran. *Iran J Microbiol.* 13(1):137-144. **PMID: 33889373**

Rostamian M, Rezaeian S, Hamidouche M, **Bahrami F**, Ghadiri K, Lorestani RC, Zargarani FN, Akya A. (2021) The effects of natural disasters on leishmaniasis frequency: a global systematic review and meta-analysis. *Acta Trop.* **PMID: 33567321**

Sabzevari S, Teshnizi SH, Shokri A, **Bahrami F**, Kouhestani F. (2021) Cutaneous leishmaniasis in Iran: A systematic review and meta-analysis. *Microb Pathog.* **PMID: 33539962**

Alimohammadian MH, Riazi-Rad F, Asadi-Tat M, Darabi S, Darabi H, Khaze V, **Bahrami F**, Ajdary S. (2020) Naloxone diminishes the virulence and modifies the cellular immune responses of BALB/c Mice infected with *Leishmania major*. *Acta Parasitol.* 66(2):517-523. **PMID: 33211271**

Souod N, Rismani E, **Bahrami F**, Pakzad SR, Ajdary S. (2020) Computational evaluation of a fusion protein consisted of pertussis toxin and filamentous hemagglutinin from *Bordetella pertussis* to target Claudin-4 using C-terminal fragment of *Clostridium perfringens* enterotoxin. *J Biomol Struct Dyn.* **PMID: 32691700**

Salemi O, Noormohammadi Z, **Bahrami F**, Siadat SD, Ajdary S. (2020) Cloning, expression and purification of Espc, Espb and Espc/Espb proteins of *Mycobacterium tuberculosis* ESX-1 secretion system. *Rep Biochem Mol Biol.* 8 (4): 465-472. **PMID: 32582806**

Badamchi A, **Bahrami F**, Tasbiti AH, Yari S, Shafiei M, Shahcheraghi F, Siadat SD. (2020) Immuno-proteomics analysis between OMV of vaccine and dominant wild type strains of *Bordetella pertussis* in Iran. *Iran J Microbiol.* 12 (2): 77-88. **PMID: 32494341**  
DOI: 10.18502/ijm.v12i2.2610

Gholami A, Shirzadi MR, Asouri M, Farahtaj F, Mostafavi E, Gharibzadeh S, Pourmozafari J, Nabavi M, Nazari F, **Bahrami F.** (2020) Seroconversion after three doses of intramuscular rabies vaccine as a Post-Exposure Treatment. *Virus Res.* 2020 Jan 22:197883. **PMID: 31981771**  
DOI: 10.1016/j.virusres.2020.197883

Davarpanah E, Seyed N, **Bahrami F**, Rafati , Safaralizadeh R, Taheri T .(2020) *Lactococcus lactis* expressing sand fly PpSP15 salivary protein confers long-term protection against *Leishmania major* in BALB/c mice. *PLoS Negl Trop Dis.* 14 (1). **PMID: 31899767**  
DOI: 10.1371/journal.pntd.0007939

**Bahrami F**, Rafati S. (2019) The LeiSHield-MATI consortium: an international project to understand and combat cutaneous leishmaniasis through research and innovation staff exchange. *J Med Microbiol Infect Dis*, 2019; 7 (3): 85-86. **DOI: 10.29252/JoMMID.7.3.85**

Miandoabi T, **Bahrami F**, Moein Vaziri V, Ajdary S. (2019) Cloning of a recombinant plasmid encoding PpSP42 protein fragment of *Phlebotomus papatasi* and expressing it in HEK-293T eukaryotic cell. *Iran J Public Health.* 48 (7): 1387-1389. **PMID: 31497566**

Bolourchi N, Shahcheraghi F, Shirazi AS, Janani A, **Bahrami F**, Badmasti F. (2019) Immunogenic reactivity of recombinant PKF and AbOmpA proteins as serum resistance factors against sepsis of *Acinetobacter baumannii*. *Microb Pathog* 131: 9-14. **PMID: 30930220**

Torkashvand A, **Bahrami F**, Adib M, Ajdary S (2019) Subcutaneous immunization with recombinant *Lactococcus lactis* expressing F1S1 fusion protein induces systemic and mucosal immune responses in BALB/C mice. *Rep Biochem Mol Biol* 7 (2): 196-203. **PMID: 30805400**

Miandoabi T, **Bahrami F**, Moein Vaziri V, Ajdary S (2018). Construction of a novel DNA vaccine candidate encoding LmSTI1-PpSP42 fusion protein from *Leishmania major* and *Phlebotomus papatasi* against cutaneous leishmaniasis. *Rep Biochem Mol Biol* 7 (1): 67-75. **PMID: 30324120**

Rostamian M, **Bahrami F**, Niknam HM (2018). Vaccination with whole-cell killed or recombinant leishmanial protein and toll-like receptor agonists against *Leishmania tropica* in BALB/c mice. *PLoS One.* 2018 Sep 24;13(9):e0204491. doi: 10.1371/journal.pone.0204491. **PMID: 30248142**

Torkashvand A, **Bahrami F**, Adib M, Ajdary S (2018) Subcutaneous administration of a fusion protein composed of pertussis toxin and filamentous hemagglutinin from *Bordetella pertussis* induces mucosal and systemic immune responses. *Iran J Basic Med Sci* 7:753-759. **PMID: 30140416**

**Bahrami F**, Harandi AM, Rafati S (2018). Biomarkers of Cutaneous Leishmaniasis. *Front Cell Infect Microbiol* 8: 222. doi: 10.3389/fcimb.2018.00222. **PMID: 29998089**

Torkashvand A, **Bahrami F**, Adib M, Ajdary S (2018) Mucosal and systemic immune responses elicited by recombinant *Lactococcus lactis* expressing a fusion protein composed of pertussis toxin and filamentous hemagglutinin from *Bordetella pertussis*. *Microb Pathog* 120:155-160. **PMID: 29738814**

Panahi Z, Abdoli A, Mosayebi G, Mahdavi M, **Bahrami F** (2018) Subcutaneous administration CpG-ODNs acts as a potent adjuvant for an HIV-1-tat-based vaccine candidate to elicit cellular immunity in BALB/c mice. *Biotechnol Lett.* **PMID: 29313255**

- Bahrami F**, Spath GF, Rafati S (2017) Old World cutaneous leishmaniasis challenges in Morocco, Algeria, Tunisia and Iran (MATI): a collaborative attempt to combat the disease. *Expert Rev Vaccines* 16: 415-417. **PMID: 28359176**
- Abdoli A, Soleimanjahi H, Jamali A, Mehrbod P, Gholami S, Kianmehr Z, Feizi N, Saleh M, **Bahrami F**, Mokhtari-Azad T, Abdoli M, Tavassoti Kheiri M (2016) Comparison between MDCK and MDCK-SIAT1 cell lines as preferred host for cell culture-based influenza vaccine production. *Biotechnol Lett* 38: 941-948. **PMID: 26945752**
- Afshari M, Riazi-Rad F, Khaze V, **Bahrami F**, Ajdary S, Alimohammadian MH (2016) Oral treatment with zinc sulfate increases the expression of Th1 cytokines mRNA in BALB/c mice infected with *Leishmania major*. *Cytokine* 81: 71-76. **PMID: 26896749**
- Darabi S, Khaze V, Riazi-Rad F, Darabi H, **Bahrami F**, Ajdary S, Alimohammadian MH (2015) *Leishmania major* strains isolated from distinct endemic areas show diverse cytokine mRNA expression levels in C57BL/6 mice: Toward selecting an ideal strain for the vaccine studies. *Cytokine* 76: 303-308. **PMID: 26072430**
- Braganhhol E, Kukulski F, Levesque SA, Fausther M, Lavoie EG, Zanotto-Filho A, Bergamin LS, Pelletier J, **Bahrami F**, Ben Yebdri F, Moreira JC, Battastini AMO, Sevigny J (2015) Nucleotide receptors control IL-8/CXCL8 and MCP-1/CCL2 secretions as well as proliferation in human glioma cells. *Biochim Biophys Acta* 1852: 120-130. **PMID: 25445541**
- Bahrami F**, Kukulski F, Lecka J, Tremblay A, Pelletier J, Rockenbach L, Sevigny J (2014) Purine-metabolizing ectoenzymes control IL-8 production in human colon HT-29 cells. *Mediators Inflamm* 2014: 879895. doi: 10.1155/2014/879895. **PMID: 25242873**
- Bahrami F**, Darabi H, Riazi-Rad F, Khaze V, Ajdary S, Alimohammadian MH (2014) FOXP3 expression and frequency of regulatory T cells in healed individuals from *Leishmania major* infection and the asymptomatic cases. *Hum Immunol* 75: 1026-1033. **PMID: 25167770**
- Rafiee A, Riazi-Rad F, Darabi H, Khaze V, Javadian S, Ajdary S, **Bahrami F**, Alimohammadian MH (2014) Ferroportin-encapsulated nanoparticles reduce infection and improve immunity in mice infected with *Leishmania major*. *Int J Pharm* 466: 375-381. **PMID: 24657288**
- Kukulski F, **Bahrami F**, Ben Yebdri F, Lecka J, Martin-Satue M, Levesque SA, Sevigny J (2011) NTPDase1 controls IL-8 production by human neutrophils. *J Immunol* 187: 644-653. **PMID: 21670316**
- Kukulski F, Ben Yebdri F, **Bahrami F**, Fausther M, Tremblay A, Sevigny J (2010) Endothelial P2Y2 receptor regulates LPS-induced neutrophil transendothelial migration in vitro. *Mol Immunol* 47: 991-999. **PMID: 20022380**
- Kukulski F, Ben Yebdri F, **Bahrami F**, Levesque SA, Martin-Satue M, Sevigny J (2010) The P2 receptor antagonist PPADS abrogates LPS-induced neutrophil migration in the murine air pouch via inhibition of MIP-2 and KC production. *Mol Immunol* 47: 833-839. **PMID: 19889460**
- Bahrami F**, Jestin JL (2008) *Streptococcus agalactiae* DNA polymerase I is an efficient reverse transcriptase. *Biochimie* 90: 1796-1799. **PMID: 18706966**

Tremblay YD, **Bahrami F**, Niven DF (2006) Acquisition of haemoglobin-bound iron by *Histophilus somni*. *Vet Microbiol* 114: 104-114. **PMID: 16376031**

**Bahrami F**, Niven DF (2005) Iron acquisition by *Actinobacillus suis*: identification and characterization of a single-component haemoglobin receptor and encoding gene. *Microb Pathog* 39: 45-51. **PMID: 15899574**

Ekins A, **Bahrami F**, Sijercic A, Maret D, Niven DF (2004) *Haemophilus somnus* possesses two systems for acquisition of transferrin-bound iron. *J Bacteriol* 186: 4407-4411. **PMID: 15205447**

**Bahrami F**, Ekins A, Niven DF (2003) Iron acquisition by *Actinobacillus suis*: identification and characterization of transferrin receptor proteins and encoding genes. *Vet Microbiol* 94: 79-92. **PMID: 12742718**

#### **NCBI SUBMISSIONS:**

**Bahrami F**, Masoudzadeh N, Van Veen S, Persson J, Lari A, Sarvnaz H, Taslimi Y, Östensson M, Andersson B, Sharifi I, Mashayekhi-Goyonlo V, Ottenhoff TH, Haks MC, Harandi AM, Rafati S. Public on July 27, **2022**. (GEO Series **GSE197222**) Homo Sapiens. Blood transcriptional profiles distinguish different clinical stages of cutaneous leishmaniasis in humans.

Fayaz,S., Ajdary,S., Raz,A., **Bahrami,F.**, Fard-Esfahani,P. , Parvizi,P. **2020**. GenBank submission (**MN893300**; 1057 bp). *Phlebotomus kandelakii* isolate Bojnurd apyrase gene, complete cds.

Miandoabi,T., **Bahrami,F.**, Ajary,S. **2018**. GenBank submission (**MH061281**; 1641 bp). *Leishmania major* strain MHRO/IR/75/ER stress-induced protein 1 (STI1) gene, complete cds.

**Bahrami,F.**, Ajary,S. and Parvizi, P. **2017**. GenBank submission (**KX611850**; 929 bp). *Phlebotomus papatasi* isolate Khuzestan sp42-like protein gene, (partial cds).

**Bahrami,F.**, Ajary,S. and Parvizi, P. **2017**. GenBank submission (**KX611849**; 930 bp). *Phlebotomus papatasi* isolate Kaleibar sp42-like protein gene, (partial cds).

Rostamian,M., **Bahrami,F.**, Nobari,S., and Mahmoudzadeh-Niknam,H. **2016**. GenBank submission (**KU744840**; 1635 bp). *Leishmania tropica* stress-induced protein 1 (Sti1) gene, partial cds.

**Bahrami, F.**, and Niven, D.F. **2004**. GenBank submission (**AY838763**; 2046 bp). *Actinobacillus suis* strain SO4 ExbB2 (*exbB2*), ExbD2 (*exbD2*), and TonB2 (*tonB2*) genes, complete cds.

**Bahrami, F.**, and Niven, D.F. **2004**. GenBank submission (**AY838764**; 2046 bp). *Actinobacillus suis* strain C84 ExbB2 (*exbB2*), ExbD2 (*exbD2*), and TonB2 (*tonB2*) genes, complete cds.

**Bahrami, F.**, and Niven, D.F. **2004**. GenBank submission (**AY335901**; 4164 bp). *Actinobacillus suis* strain SO4 heme utilization protein (*hugZ*) and hemoglobinbinding protein A precursor (*hgbA*) genes, complete cds.

**Bahrami, F.**, and Niven, D.F. **2004**. GenBank submission (**AY335902**; 4197 bp). *Actinobacillus suis* strain C84 heme utilization protein (*hugZ*) and hemoglobinbinding protein A precursor (*hgbA*) genes, complete cds.

**Bahrami, F.**, Ekins, A., Sijercic, A., and Niven, D.F. **2003**. GenBank submission (**AY260102**; 5801 bp). *Histophilus somni* strain 649 truncated transferrin-binding protein B precursor (*tbpB*) and transferrin-binding protein A precursor (*tbpA*) genes, complete cds.

**Bahrami, F.**, Ekins, A., and Niven, D.F. **2003**. GenBank submission (**AY101604**; 6938 bp). *Actinobacillus suis* strain SO4 TonB (*tonB*), ExbB (*exbB*), ExbD (*exbD*), transferrin-binding protein B precursor (*tbpB*), and transferrin-binding protein A precursor (*tbpA*) genes, complete cds.

**Bahrami, F.**, Ekins, A., and Niven, D.F. **2003**. GenBank submission (**AY101605**; 6938 bp). *Actinobacillus suis* strain C84 TonB (*tonB*), ExbB (*exbB*), ExbD (*exbD*), transferrin-binding protein B precursor (*tbpB*), and transferrin-binding protein A precursor (*tbpA*) genes, complete cds.

**Bahrami, F.**, Ekins, A., Sijercic, A., and Niven, D.F. **2002**. GenBank submission (**AY184230**; 2684 bp). *Haemophilus somni* transferrin-binding protein A precursor (*tbpA*) gene, complete cds.

### **ORAL PRESENTATIONS:**

**Bahrami, F.** Whole blood samples analyzed by dcRT-MLPA revealed immune transcript signatures for people with different clinical stages of cutaneous leishmaniasis. WorldLeish7, August 05, 2022, Cartagena, Colombia.

**Bahrami, F.** Current knowledge of the immunology of leishmaniasis. 13<sup>th</sup> International Congress of Immunology and Allergy of Iran (ICIA), April 27, 2016, Tabriz, Iran.

**Bahrami, F.**, Darabi, H., Riazi-Rad, F., Khaze, V., Ajdary, S. and Alimohammadian, M.H. The role of regulatory T cells in symptomatic and asymptomatic human cutaneous leishmaniasis in an endemic area of Iran. 11<sup>th</sup> International Congress of Immunology and Allergy of Iran (ICIA), April 28, 2012, Tehran, Iran. Abstract published in Iranian Journal of Immunology (2012) 9 (Suppl 1): 151.

**Bahrami, F.**, Kukulski, F., Lecka, J., Pelletier, J. and Sévigny, J. Extracellular nucleotides and ectonucleotidases control IL-8 production in human colon HT-29 cells via P2Y<sub>11</sub> receptor. Presented at 9<sup>e</sup> Journée Scientifique CRRI, November 08, 2010, Québec, QC, Canada

### **POSTERS:**

Sévigny, J., **Bahrami, F.**, Ben Yebdri, F., Hajmirbaba, E., Lecka, J., Martín-Satué, M, Lévesque, S.A., Kukulski, F. The ectonucleotidase NTPDase1 controls IL-8 production by human neutrophils. (June 9-12 **2012**) International Symposium: The Neutrophil in Immunity, Québec, Québec, Canada. Program and abstracts, P74, p 60.

**Bahrami, F.**, Kukulski, F., Lecka, J., Pelletier, J. and Sévigny, J. Extracellular nucleotides and ectonucleotidases control IL-8 production in human colon HT-29 cells. Purines 2010. May 30 – June 2. **2010**, Tarragona, Spain. Abstract published in Purinergic Signalling (**2010**) 6 (Suppl 1): S77.

**Bahrami, F.**, Kukulski, F., Lecka, J. and Sévigny, J. Extracellular nucleotides and ectonucleotidases control IL-8 production by intestinal epithelial cells. Presented at 8<sup>e</sup> Journée Scientifique CRRI, November 9, **2009**, Québec, Québec, Canada.

### **DISTINCTIONS:**

Postdoctoral fellowship: Canadian Institute of Health Research (CIHR)-Wyeth Pharmaceuticals (CRRI, Université Laval, QC, Canada: June 01, 2008 - May 31, 2010)