

Youssef Errami, M.S., PhD

Post-doctoral researcher

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Education:

Medical School: Aix-Marseille University, school of Medicine
2012 – 2015

Graduate School: PhD in Pharmacology and Experimental Therapeutics
2007 - 2011 LSUHSC, Department of Pharmacology
Mentor Dr Boulares A. Hamid
Title of dissertation: Apoptotic DNA fragmentation in tissue
Homeostasis and colon carcinogenesis.

Undergraduate school: Aix-Marseille University, France
2005 - 2006 M.S. in Biotechnologies

Academic Appointments:

06/2015 - 10/2015: post-doctoral researcher at Cambridge University in Prof. Tony Green lab.

06/2014 – 10/2015: post-doctoral researcher in the Hamamatsu university school of medicine

02/2012 – 06/2012: post-doctoral researcher in the Stanley Scott Cancer Center of LSUHSC

2007–2011: LSU Health Sciences Center, Graduate Fellow, Department of Pharmacology

Memberships:

Member of ASPET, since 2007

Member of EACR, since 2010

Member of AACR, since 2011

Conference presentation:

1. AACR 2012 Chicago, Illinois: Abstract #3096 “ICAD deficiency in human colon cancer and predisposition to colon tumorigenesis in mice: Linkage to resistance to apoptosis and susceptibility to genomic instability”
2. LCRC retreat 2012 New Orleans, Louisiana: “ICAD deficiency in human colon cancer and predisposition to colon tumorigenesis in mice”
3. LCRC retreat 2011 New Orleans, Louisiana: “Poly (ADP-ribose) polymerase (PARP)-1 zygosity is a critical determinant in Apc^{Min}-induced intestinal tumorigenesis”
4. PARP meeting 2010 Zurich, Switzerland: “Poly(ADP-ribose) polymerase-1 is a determining factor in Crm1-mediated nuclear export and retention of p65 NF-κB upon TLR4 stimulation”
5. Research day 2009 New Orleans, Louisiana: “Internucleosomal DNA fragmentation in apoptosis is a cooperative activity between DNA fragmentation factor and DNAS1L3”

Fellowship and awards:

1. Travel award for the **2010** PARP meeting in Zurich, Switzerland.
2. JSPS post-doc short program in **2014**

Invited seminar and talks:

1. LSUHSC seminar 2011: “Poly(ADP-Ribose) Polymerase, Intestinal Tissue Homeostasis, and Carcinogenesis”
2. LSUHSC seminar 2010: “The role of the Poly(ADP-Ribose) Polymerase in Colon Carcinogenesis”
3. LSUHSC seminar 2008: “Internucleosomal DNA fragmentation in apoptosis is a cooperative activity between DNA fragmentation factor and DNAS1L3”

Publications:

1. **Errami Y**, Brim H, Oumouna-Benachour K, Oumouna M, Naura AS, Kim H, Ju J., Davis CJ, Kim JG, Ashktorab H, Fallon K, Xu M, Zhang J, Valle LD, Boulares H. ICAD Deficiency in Human Colon Cancer and Predisposition to Colon Tumorigenesis: Linkage to Apoptosis Resistance and Genomic Instability. 22 Feb 2013. **PLOS ONE**
2. **Errami Y**, Naura AS, Kim H, Ju J, Suzuki Y, El-Bahrawy AH, Ghonim MA, Hemeida RA, Mansy MS, Zhang J, Xu M, Smulson ME, Brim H, Boulares AH. Apoptotic DNA Fragmentation May Be a Cooperative Activity between Caspase-activated Deoxyribonuclease and the Poly(ADPribose) Polymerase-regulated DNAS1L3, an Endoplasmic Reticulum-localized Endonuclease That Translocates to the Nucleus during Apoptosis. **J Biol Chem.** **2013**;288(5):3460-8.
3. Naura AS, Kim H, Ju J, Rodriguez PC, Jordan J, Catling AD, Rezk BM, Elmageed ZY, Pyakurel K, Tarhuni AF, Abughazleh MQ, **Errami Y**, Zerfaoui M, Ochoa AC, Boulares

- AH. Minocycline Blocks Asthma-associated Inflammation in Part by Interfering with the T Cell Receptor Nuclear Factor κ B-GATA-3-IL-4 Axis without a Prominent Effect on Poly(ADP-ribose) Polymerase. *J Biol Chem*. 2013; 288(3):1458-68
4. Kim H, Naura AS, **Errami** Y, Ju J, Boulares AH. Cordycepin blocks lung injury-associated inflammation and promotes BRCA1-deficient breast cancer cell killing by effectively inhibiting PARP. *Mol Med*. 2011.
 5. Datta R, Naura AS, Zerfaoui M, **Errami** Y, Oumouna M, Kim H, et al. PARP-1 deficiency blocks IL-5 expression through calpain-dependent degradation of STAT-6 in a murine asthma model. *Allergy*. 2011;66(7):853-61.
 6. Zerfaoui M, **Errami** Y, Naura AS, Suzuki Y, Kim H, Ju J, et al. Poly(ADP-ribose) polymerase-1 is a determining factor in Crm1-mediated nuclear export and retention of p65 NFkappa B upon TLR4 stimulation. *J Immunol*. 2010;185(3):1894-902.
 7. Ju J, Naura AS, **Errami** Y, Zerfaoui M, Kim H, Kim JG, et al. Phosphorylation of p50 NFkappaB at a single serine residue by DNA-dependent protein kinase is critical for VCAM-1 expression upon TNF treatment. *J Biol Chem*. 2010;285(52):41152-60.
 8. Naura AS, Zerfaoui M, Kim H, Abd Elmageed ZY, Rodriguez PC, Hans CP, Ju J, Errami Y, Park J, Ochoa AC, Boulares AH. Requirement for inducible nitric oxide synthase in chronic allergen exposure-induced pulmonary fibrosis but not inflammation. *J Immunol*. 2010;185(5):3076-85.
 9. Naura AS, Datta R, Hans CP, Zerfaoui M, Rezk BM, **Errami** Y, et al. Reciprocal regulation of iNOS and PARP-1 during allergen-induced eosinophilia. *Eur Respir J*. 2009;33(2):252-62.
 10. Naura AS, Hans CP, Zerfaoui M, **Errami** Y, Ju J, Kim H, et al. High-fat diet induces lung remodeling in ApoE-deficient mice: an association with an increase in circulatory and lung inflammatory factors. *Lab Invest*. 2009;89(11):1243-51.
 11. Zerfaoui M, Naura AS, **Errami** Y, Hans CP, Rezk BM, Park J, et al. Effects of PARP-1 deficiency on airway inflammatory cell recruitment in response to LPS or TNF: differential effects on CXCR2 ligands and Duffy Antigen Receptor for Chemokines. *J Leukoc Biol*. 2009;86(6):1385-92.
 12. Naura AS, Datta R, Hans CP, Zerfaoui M, Rezk BM, **Errami** Y, Oumouna M, Matrougui K, Boulares AH. Reciprocal regulation of iNOS and PARP-1 during allergen-induced eosinophilia. *Eur Respir J*. 2009 ;33(2):252-62

Referees:

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2. Professor Sugimura Haruhiko, M.D., Ph.D.

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3. Professor Tony Green

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