# BIOGRAPHICAL SKETCH

**NAME: Aimen K. Farraj** **POSITION TITLE: Research Biologist**

**EDUCATION/TRAINING**

| Institution | Degree | Year | Field of Study |
|---|---|---|---|
| City College of New York, City University NY | B.S. | 1997 | Biology |
| Michigan State University | Ph.D. | 2003 | Pharmacology and Toxicology |
| Post-doctoral Fellow, North Carolina State University | | 2004-05 | Airway Physiology and Toxicology |
| R-Authority Post-doctoral Fellow/Biologist, US EPA | | 2005-06 | Airway Physiology and Toxicology |

**PROFESSIONAL EXPERIENCE:**
Principal Investigator/Research Biologist November 2006 - present

**PROFESSIONAL SOCIETIES:**
Sigma Xi, Scientific and Engineering Honor Society, UNC Chapter
American Thoracic Society
Society of Toxicology & Society of Toxicology Inhalation Specialty Section

**SELECTED AWARDS AND HONORS:**
2006 4 "S" Awards - Special accomplishment recognition award - US Environmental Protection Agency
2005 Best Post-doctoral Fellow Presentation Award, Inhalation Specialty Section, Society of Toxicology
2000 NIH/NIEHS Predoctoral Fellowship, August 2000 – August 2003

**INVITED LECTURES/SYMPOSIA**:
May, 2006: "New insights in air pollution epidemiology and mechanisms," American Thoracic Society. San Diego, CA. May, 2006.

March, 2006: "Hypersensitivity," Society of Toxicology. San Diego, CA. March 2006.

May 2005 "Neurotrophic Factors: Neuroimmune Mechanisms and Clinical Implications," American Thoracic Society. San Diego, CA. May, 2005.

**ASSISTANCE/LEADERSHIP PROVIDED TO THE SCIENTIFIC COMMUNITY:**

2005 Vice-president of National Health and Environmental Effects Research Laboratory Trainee Organization

**ASSISTANCE/LEADERSHIP PROVIDED TO THE AGENCY**:

2006 *In vivo* committee lead on the Comparability of Particulate Matter Sources Team at the US Environmental Protection Agency

**PUBLICATIONS:**

Farraj AK, Coates N, Ledbetter A, Evansky,P and Gavett SH. (2006). Neurotrophin Mediation of Allergic Airways Responses to Inhaled Diesel Particles in Mice. *Toxicol. Sciences*. 94(1):183-92.

Chung YJ, Farraj AK, Haykal-Coates N, Gavett SH, and Ward MDW. (2006). Increased neurotrophin production in Penicillium chrysogenum-induced allergic asthma model in mice. *J Toxicology and Environmental Health*. In press.

Farraj AK, Coates N, Ledbetter A, Evansky,P and Gavett SH. (2006). Inhibition of Pan Neurotrophin Receptor p75 Attenuates Diesel Particulate Induced Enhancement of Allergic Airway Responses in C57/Bl6 Mice. *Inhalation Toxicology*. 18:1-8.

Selgrade MJK, Boykin EH, Haykal-Coates N, Woolhiser MR, Wiescinski C, Andrews DL, Farraj AK, Doerfler DL, and Gavett SH. (2006). Inconsistencies Between Cytokine Profiles, Antibody Responses, and Respiratory Hyperresponsiveness Following Dermal Exposure to Isocyanates. *Toxicological Sciences*. 94(1):108-17.

Farraj, AK, Harkema JR, and Kaminski NE (2006). Topical Application versus Intranasal Instillation: A Qualitative Comparison of the Effect of the Route of Sensitization on Trimellitic Anhydride-Induced Allergic Rhinitis in A/J Mice. *Toxicological Sciences.* Jul;92(1):321-8.

Farraj AK, Harkema JR, and Kaminski NE. (2004). Allergic Rhinitis Induced by Intranasal Sensitization and Challenge with Trimellitic Anhydride but not Dinitrochlorobenzene or Oxazolone in A/J Mice. *Toxicological Sciences*. 79:315-325.

Jan T-R, Farraj AK, Harkema JR, Kaminski NE. (2003). Attenuation of the Ovalbumin-Induced Allergic Airway Response by Cannabinoid Treatment in A/J Mice. *Toxicol Appl Pharmacol*. 188(1):24-35.

Farraj AK, Harkema JR, Jan T-R, Kaminski NE. (2003). Immune Responses in the Lung and Local Lymph Node of A/J Mice to Intranasal Sensitization and Challenge with Adjuvant-Free Ovalbumin. *Toxicologic Pathology*. 31:432-447.