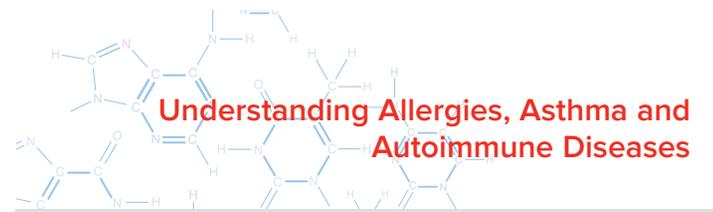


Inova Translational Medicine Institute
Inova Fairfax Medical Campus
3300 Gallows Road
Falls Church, VA 22042



What we are...

Inova Translational Medicine Institute and O&O Alpan are bringing cutting-edge science to the forefront of clinical care to help families struggling with inflammatory, allergic and autoimmune diseases. We are seeking new ways to better our community and enhance our understanding of these diseases.

We strive to identify how your genes contribute to the onset and progression of inflammatory and immune diseases in the search for better treatment options.

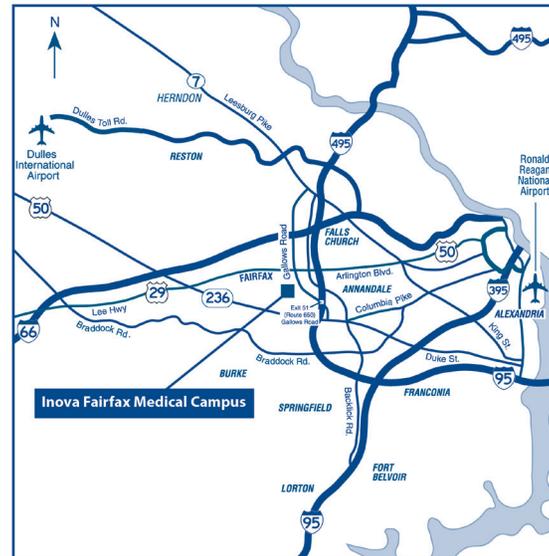
By looking at an individual's genetic makeup, we hope to develop personalized therapies that can help in the treatment, management and ultimately prevention of inflammatory and immune disorders.

Uncovering the role of genetics in immune responses may help to identify methods in which targeted therapies can treat future generations. At Inova Translational Medicine Institute and O&O Alpan, we strive to optimize personalized medicine and focus on disease prevention.

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Genomic Correlations of the Immune Response: Understanding Allergies, Asthma and Autoimmune Diseases

Sponsored by the Inova Translational Medicine Institute and O&O Alpan, LLC.

The incidence of allergies, asthma and autoimmune diseases have been increasing for several decades. These diseases are thought to be caused, in part, by genetic factors. Disease risk appears to be regulated by a person's genetic profile as well as certain environmental triggers. Asthma, allergies and autoimmune diseases have a substantially negative impact on the health, quality of life and life expectancy of those afflicted.

We invite you to join our research study Genomic Correlations of the Immune Response investigating the genomic causes of allergies, asthma and autoimmune diseases. We believe that a person's genetic composition has a significant linkage to their pre-disposition, development and progression of these diseases. In trying to find better ways to predict and treat these disorders, we hope that you will participate in our study.

Will you join to help us to learn how genetic, environmental, and immunological factors predict a person's response in allergic, inflammatory and autoimmune disorders?

Who can participate?

Any patients of O&O Alpan and Inova with a diagnosis of asthma, inflammatory or autoimmune diseases, and their family members, may enroll in our study.

Your family will become important participants as we look for genetic pre-disposition and better ways to provide healthcare in our community. Your safety and care is our first priority. If you are interested we will discuss the study in detail and answer all of your questions and concerns.

What will happen if I participate?

To participate in this study, you will be asked to donate a sample of blood for the research study. We will also collect a sample of saliva and possibly urine. If you or any of your family members are unable to come to the O&O Alpan office or Inova Fairfax Medical Campus for specimen collection, we will work with you to identify alternative methods, such as collecting these samples at your physician's office.

We will also collect information about you and your family for this study. You will be asked to complete a brief questionnaire about your medical and family history, diet, social environment and healthcare behaviors. The clinical research staff may ask you the questions during your visit or may contact you by telephone.

Why would I want to participate?

While this research may not immediately help you or your family, your participation may contribute to the identification of new ways to predict inflammatory and immune responses. These discoveries may lead to the development of new therapies or disease prevention methods that will ultimately result in a healthier community.

How long is this study?

As part of this study, we will ask for a brief one time collection of samples from you and your family. Additionally, we will ask you to complete a short survey (which will take less than 20 minutes) to gather information regarding your health and disease state. Your participation can go a long way in helping to understand the genetic and immunological contributions of this disease.

Cost to participate

There is no cost to participate in this study. The study is paid for by Inova and O&O Alpan. All participants, including family members, will be compensated with a \$25.00 gift card for their time and inconvenience.

For more information or to sign up for this study, please call 703.776.2450

Please join us in this study to learn how to learn how genetic, environmental, and immunological factors predict a person's response in allergic, inflammatory and autoimmune disorders.