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Pediatrics & Therapeutics

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Editor *Pediatrics & Therapeutics*

Tsung-Chieh Yao

Associate Professor

Division of Allergy, Asthma, and Rheumatology

Department of Pediatrics

Chang Gung University

Taiwan





Biography:

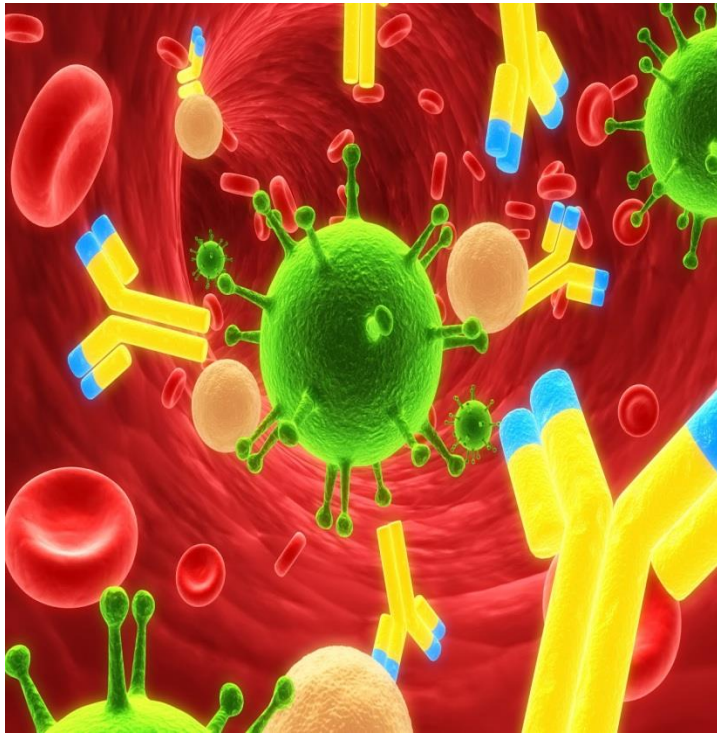
Tsung-Chieh Yao, MD, PhD is an Associate Professor of Pediatrics at the Chang Gung Memorial Hospital and Chang Gung University, Taiwan. Dr. Yao completed his residency and fellowship training at Chang Gung Memorial Hospital and earned his PhD. in clinical medical science from Chang Gung University. He provides clinical care in pediatric allergy, immunology, and rheumatology. He received more than 10 awards recognizing his work including the Award for Outstanding Contributions to Pediatric Medicine, the Outstanding Social Youth Award of the Year 2004, the Taiwan Society of Pediatric Allergy, Asthma and Immunology Top Research Award of the Year 2006 & 2009, the Top Schering-Plough Research Award, the Top Nestle Research Award, and the Annual Teaching Excellence Award for Attending Physicians. He has published many peer-reviewed articles and has been an ad hoc reviewer of several scientific journals.



Research Interest:

1. Genetic, epidemiologic, and clinical studies of asthma.
2. Rheumatologic diseases.

Pediatric Immunology:



Pediatric Immunology is a branch of pediatrics which deals with immunological or allergic disorders of children.



Pediatric Immunology plays major role in understanding the cellular and molecular mechanisms underlying the immune system and it has seriously involved in the development of new diagnostic tests and treatment.



There are many types of organs in our body which plays vital role in immunological functions.



Some of the organs include,

- Thymus
- Bone marrow
- Spleen
- Tonsils



- Lymph vessels
- lymph nodes
- Adenoids
- Skin and
- Liver



*Some times
malfunctions of the
immune system will
lead to immunological
disorders.*

Some of these disorders include,

- *Autoimmune diseases*
- *Hypersensitivities*
- *Immune deficiency and*
- *Transplant rejection.*



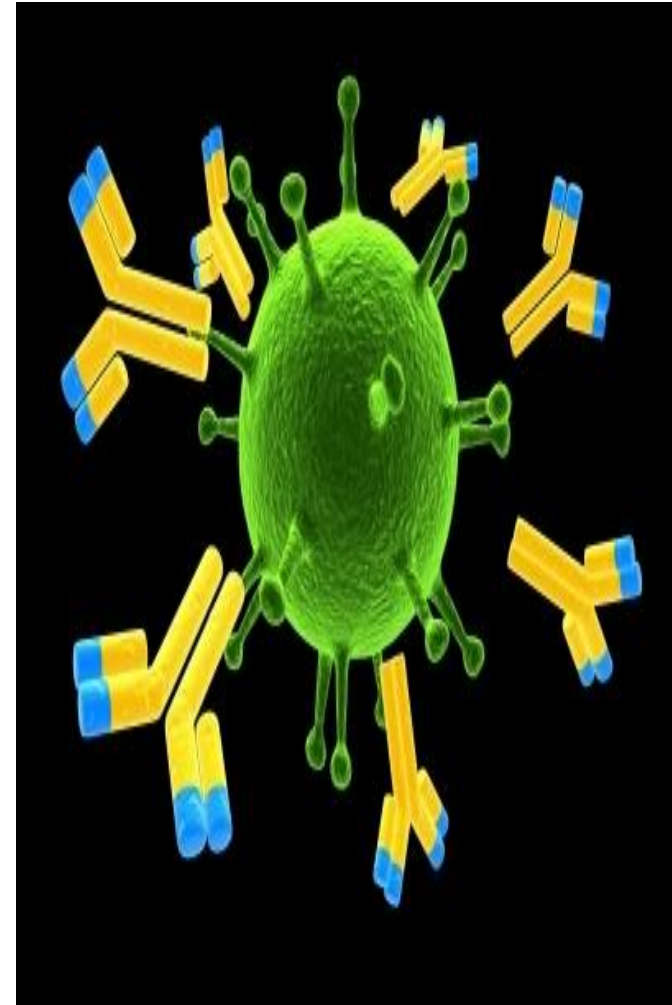
Autoimmunity is a type of immunity in which the immune system attacks its own host's body as it is unable to recognize its own.



Some of the auto immune disorders in children include,

- *Rheumatoid arthritis*
- *systemic lupus erythematosus*
- *myasthenia gravis and*
- *Hashimoto's disease*

Immunology has become an excellent tool in the detection and diagnosis of many infectious diseases, as there are specific bonds between antibody and antigen.





The branch of immunology playing vital role in treating many diseases. The use of immune system components to treat a disease or disorder is known as immunotherapy.



*International
immunology day will
be celebrated every
year on April 29.*

Pediatrics & Therapeutics Related Journals

- Insights in Pediatric Cardiology
- Pediatric Oncology: Open Access
- Clinical Pediatrics: Open Access
- Pediatric Care
- Neonatal and Pediatric Medicine
- Child and Adolescent Behavior
- Psychological Abnormalities in Children
- Neonatal Biology
- Interventional Pediatrics & Research



Pediatrics & Therapeutics Related Conferences

- 4th International Conference on Pediatrics
- 5th World Pediatric Congress
- 2nd International Conference and Exhibition on Pediatric Cardiology



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