

**Name: Dr. Abarna Thangaraj Date of Birth:** 11 May 1993

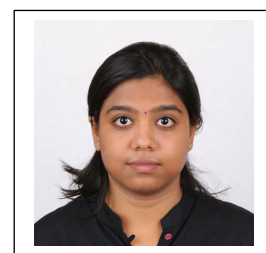
**Age/Sex:** 31 years/ Female **Marital Status:** Unmarried

**Linguistics:** English, Tamil, Hindi, Malayalam

**Phone no:** +91-9443880637 **Email:** [dr.abarna.t@gmail.com](mailto:dr.abarna.t@gmail.com)

**Address (home):** 2743, sector 38C, Chandigarh, India- 160036

**Address (work):** Allergy Immunology Unit, Department of Pediatrics, Advanced Pediatrics Centre, Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, India- 160012.



Course	Institution	Year
DM (fellow) in Pediatric Clinical Immunology and Rheumatology	PGIMER, Chandigarh, India	January 2022- December 2024
Senior residency	Jawaharlal Institute of Postgraduate Medical Education Research (JIPMER), Pondicherry, India	May 2021 – September 2021
MD Pediatrics	Jawaharlal Institute of Postgraduate Medical Education Research (JIPMER), Pondicherry, India	Jan 2018 - March 2021
MBBS (Bachelor of medicine, Bachelor of surgery)	Madras Medical College (MMC) Chennai, India	Jan 2018 - March 2021

**Job description:** I am pursuing my post-doctoral 3 years **DM** degree in **Pediatric Clinical Immunology and Rheumatology** at the **Advanced Pediatrics Centre, PGIMER, Chandigarh, India.**

This is the first, and till date the only such, training course in Pediatric Immunology and Rheumatology in India. DM-Pediatric clinical immunology and rheumatology is the only such

training programme in India.

In addition to the clinical work, I have gained plenty of experience in the laboratory work as well. I had the opportunity to work on flow cytometer that was installed in the Allergy Immunology lab in the department of pediatrics. I can independently work on flow cytometer, nephelometer, ELISA reader, PCR techniques and immunofluorescent microscope.

### **Details of Prizes, Medals, Scholarships & National/ International Awards etc.**

1. Recipient of European society of Immunodeficiency disorder (ESID) short term fellowship April 2024
2. Recipient of travel grant 1000 US to attend Korean College of Rheumatology (KCR) Annual Scientific Meeting May 2024
3. Recipient of Indian Rheumatology Association (IRA) Research grant award 2023 for Thesis dissertation
4. 1st prize in Inborn errors of Immunity Quiz conducted in the Scientific Programme for the 6th National Conference of Indian Society of Primary Immune Deficiency (ISPID)
5. Travel grant award in Pediatric Rheumatology European Society (PReS) 2022
6. Travel grant award in Asia Pacific Society of Immunodeficiency 2023
7. Co-author for “Kawasaki disease, and not acute rheumatic fever, is now the commonest cause of acquired heart disease in children in India – lessons learnt from the Chandigarh registry 1994-2022”- received **Dr. James Flett Endowment Award at the PEDICON 2024** of Indian Academy of Pediatrics held from 24th January – 28th January 2024 at Kochi, Kerala.

### **Presentations at conferences**

1. Oral presentation in 21<sup>st</sup> Malaysian society for Allergy and Immunology Conference and Annual general meeting held in conjunction with 4<sup>th</sup> Asia Pacific Society for Immunodeficiencies Congress (APSID)- Diagnosis of inborn error of immunity by whole exome sequencing in an Indian child with unusual fungal infection
2. Oral presentation in 2<sup>nd</sup> National Conference of HAE Society of India (HAESICON)

3. Oral presentation in International Society of Systemic AutoInflammatory Disease (ISSAID) winter school 2022- Varied clinical phenotype of an autoinflammatory disorder- A tale of 2 children with recurrent fever from North India
4. Oral presentation in 6<sup>th</sup> International conference of Indian Society of Primary Immunodeficiency (ISPID) 2023- Clinical profile of Mendelian susceptibility to mycobacterial diseases due to IFNGR1 and IFNGR2 defects– Our experience from North India
5. Oral presentation in 21<sup>st</sup> National Conference of Pediatric Rheumatology (NCPR) 2023- Antiphospholipid antibody syndrome in pediatric lupus-clinico-laboratory manifestations and long-term follow-up at tertiary care centre from North-West India
6. Oral presentation in 6<sup>th</sup> Indian society of Kawasaki disease 2023- CT coronary angiography is the preferred imaging modality for left circumflex coronary artery in children with Kawasaki disease: 9 years of experience from a tertiary centre in North India
7. Oral presentation in Korean College of Rheumatology (KCR) 2024- Antiphospholipid antibody syndrome in pediatric lupus --clinico-laboratry manifestations and long term follow-up at tertiary care centre from North-West India
8. Poster presentation in the Scientific Programme for the 6th National Conference of Indian Society of Primary Immune Deficiency (ISPID)- A tale of 2 children with necrotizing skin lesions and neurological complications – Two facets of a genetic disorder
9. Poster presentation in Pediatric Rheumatology European Society (PReS) 2022- pan coronary artery involvement in Kawasaki disease: a unique radiological entity on computed tomography coronary angiography
10. Poster presentation in 20<sup>th</sup> National Conference of Pediatric Rheumatology Society (NCPR) 2022- Neonatal lupus erythematosus – A lesson learnt over 11 years
11. Poster presentation in 37<sup>th</sup> annual conference for Indian Rheumatology Association (IRA)2022- Pan Coronary Artery Involvement in Kawasaki Disease: A Unique Radiological Entity on Computed Tomography Coronary Angiography
12. Poster presentation in Asia Pacific Society of Immunodeficiency school (APSID), Hong Kong, 2023- A tale of 2 children with necrotizing skin lesions and neurological complications – Two facets of a genetic disorder

13. Poster presentation in 7<sup>th</sup> International conference of Indian Society of Primary Immunodeficiency (ISPID) 2024- Clinical spectrum of inflammasomopathies – Our experience from Northern India

### **Details of publications**

#### **Journal Publications**

1. **Thangaraj, A.**; Tyagi, R.; Suri, D.; Gupta, S. Infections in Disorders of Immune Regulation. *Pathogens* **2024**, *13*, 259. <https://doi.org/10.3390/pathogens13030259>
2. **Thangaraj A**, Basu S, Mahajan S, Rawat A, Jindal A, Suri D. All lytic bone lesions are not osteomyelitis- Think of DIRA! *Rheumatology (Oxford)*. 2024 May 22;keae298. doi: 10.1093/rheumatology/keae298.
3. **Thangaraj A**, Arora M, Das S, Pilia RK. Onychomadesis in an adolescent male: an important clinical sign in Kawasaki disease. *Rheumatology (Oxford)*. 2023 Aug 1;62(8):e257. doi: 10.1093/rheumatology/kead041. PMID: 36688710.
4. Sil A, **Thangaraj A**, Patro D, Bathia JN, Rao AP, Pal P, Vignesh P, Rawat A. Early Onset Polyarthritis: An Unusual Presentation of MHC Class II Deficiency. *Rheumatology (Oxford)*. 2024 Feb 9;keae102. doi: 10.1093/rheumatology/keae102.
5. **Thangaraj A**, Anbazhagan J, Chandrasekaran V, Philomenadin FS, Dhodapkar R. Clinical profile of influenza virus-related hospitalizations in children aged 1-59 months: A five-year retrospective study from south India. *Pediatr Pulmonol*. 2023 Jun 6. doi: 10.1002/ppul.26539. Epub ahead of print. PMID: 37278543.
6. Dogra S, Jindal AK, Bishnoi A, Sil A, **Thangaraj A**, Educational booklet of Hereditary angioedema
7. Karunakar P, Krishnamurthy S, Narayanasamy T, Bobbity D, **Thangaraj A**, Chidambaram AC. (2021). A child with tetany, convulsions, and nephrocalcinosis: Questions. *Pediatric Nephrology*. 36. 10.1007/s00467-021-05230-5.
8. Karunakar P, Krishnamurthy S, Narayanasamy T, Bobbity D, **Thangaraj A**, Chidambaram AC. (2021). A child with tetany, convulsions, and nephrocalcinosis: Answers. *Pediatric Nephrology*. 36. 10.1007/s00467-021-05238-x.
9. Kar S, Krishnamurthy S, Karunakar P, Maya M, **Thangaraj A**, Agarwal Y (2021). A rare cause of recurrent acute kidney injury in a 3-year-old girl: Questions. *Pediatric Nephrology*. 36. 10.1007/s00467-020-04881-0.

10. Kar S, Krishnamurthy S, Karunakar P, Maya M, **Thangaraj A**, Agarwal Y (2021). A rare cause of recurrent acute kidney injury in a 3-year-old girl: Answers. Pediatric Nephrology. 36. 10.1007/s00467-020-04885-w

**Additional qualification such as membership of scientific society**

1. Junior Member of 'European Society for Immunodeficiency Diseases (**ESID**)
2. Junior member of Asia Pacific Society for Immunodeficiencies (**APSID**)
3. Pediatric rheumatology European society (**PRoS**)
4. Indian Society of Primary Immunodeficiency Diseases (**ISPID**)
5. Indian Rheumatology Association (**IRA**)
6. Member of AYR (Applied)
7. Member of Indian Academy of pediatrics (**IAP**)

**Mentor:** Prof. Surjit Singh,

Professor and Head,

Department of Pediatrics

Allergy Immunology Unit,

Advanced Pediatrics Centre,

Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh, India-160012

World Health Organization Collaborating Centre for Education, Research and Training in Pediatric Immunology (2022-2026)

Indian Council of Medical Research Collaborating Centre of Excellence in Pediatric Immunology (2023-2028)

President, Asia Pacific Society for Immunodeficiencies (2020-2024)

Centre of Excellence, Asia Pacific Society for Immunodeficiencies (CoE, APSID, 2023-2026)

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