

Biman Saikia received his MBBS from Assam Medical College Dibrugarh in 1992 and MD in Pathology from the Postgraduate Institute of Medical Education and Research, Chandigarh in 1997. Dr. Saikia was appointed as a faculty member at the Postgraduate Institute of Medical Education and Research, Chandigarh in 2002, and is currently Professor and Head, Department of Immunopathology and Head of Department of Telemedicine. Dr. Saikia's main research interests include: Inborn Errors of Immunity, particularly Hyper-IgE Syndrome and immune mechanisms of transplant rejection.

He was instrumental in setting up the Centre for Advanced Research in Primary Immunodeficiency Diseases at PGIMER, Chandigarh. He has been the Chief guide of 7 PhD and 8 MD thesis. He has more than 100 publications and 9 book chapters to his credit.

He is a Founder member and past President of the Indian Society for Primary Immune Deficiency (ISPID). He is also the Joint Secretary of Indian Society for Histocompatibility and Immunogenetics (ISHI), Vice President of Society for Laboratory Immunology and Immunopathology (SLI) and Secretary, Telemedicine Society of India, Chandigarh Chapter. Dr. Saikia is also an avid painter, singer and YouTuber.



Relevant Publications:

1. Karim A, Garg R, **Saikia B**, Tiwari A, Sahu S, Malhotra M, Minz RW, Rawat A, Singh S, Suri D. [Unraveling the unphosphorylated STAT3-unphosphorylated NF-κB pathway in loss of function STAT3 Hyper IgE syndrome](#). Front Immunol. 2024 Aug 20;15:1332817. doi: 10.3389/fimmu.2024.1332817. (corresponding author).
2. **Biman Saikia***, Amit Rawat, Ranjana W Minz, Deepti Suri, et al. (first and corresponding author). Clinical profile of Hyper-IgE Syndrome in India. Front Immunol 2021 Feb 26;12:626593. doi: 10.3389/fimmu.2021.626593.
3. [Shubham Goel](#), [Smrity Sahu](#), Ranjana W. Minz, [Surjit Singh](#), [Deepti Suri](#), Young M. Oh, [Amit Rawat](#), Shobha Sehgal and **Biman Saikia** (Corresponding). STAT3-Mediated Transcriptional Regulation of Osteopontin in STAT3 Loss-of-Function Related Hyper IgE Syndrome. Front. Immunol., 17 May 2018<https://doi.org/10.3389/fimmu.2018.01080>
4. **Saikia B**, Suri D, Goel S, et al. *Hyper-IgE Syndrome with a novel STAT3 mutation- A single center study from India*. Asian Pac J Allergy Immunol 2014;32:321-27.
5. **Saikia B**, [Gupta S](#). Common Variable Immunodeficiency. Indian J Pediatr. 2016 Apr;83(4):338-44. doi: 10.1007/s12098-016-2038-x
6. Sharma S, **Saikia B**, Goel S, Rawat A, Minz RW, Suri D, Chhabra S, Singh S. [TH17 Cells in STAT3 Related Hyper-IgE Syndrome](#). Indian J Pediatr. 2016 Oct;83(10):1104-8. doi: 10.1007/s12098-016-2150-y.

7. **Biman Saikia**, Shubham Goel, Deepti Suri, Ranjana W. Minz, Amit Rawat, Surjit Singh. *Novel Mutation in SH2 domain of STAT3 (p.M660T) in Hyper-IgE Syndrome with sterno-clavicular and paravertebral abscesses*. Indian J Pediatr. 2017 Mar 18. doi: 10.1007/s12098-017-2336-y.