

## Curriculum Vitae



**Title:** Lieutenant Colonel  
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### Address in Switzerland:

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### Work address:

- SIAF, Swiss Institute of Allergy and Asthma Research, Obere Strasse 22 CH-7270 Davos
- Division of Allergy and Clinical Immunology, Department of medicine, Pramongkutklao Hospital, Bangkok, Thailand
- Division of Allergy and Clinical Immunology, Faculty of medicine, King Chulalongkorn Memorial Hospital, Bangkok, Thailand

### Education:

- Master degree in medical science; minor in allergy and immunology - *Chulalongkorn University, Bangkok, Thailand* (2010)
- Bachelor degree in doctor of medicine - *Pramongkutklao Military College of Medicine, Mahidol University, Bangkok, Thailand* (2001)

### Certification:

- EAACI Knowledge Examination in Allergology and Clinical Immunology – European Academy of Allergy and Clinical Immunology (2016)
- Research fellow in allergy - SIAF, Swiss Institute of Allergy and Asthma Research, Switzerland (2013 – 2015)
- International acupuncture - *Tianjin University, Tianjin, China* (2011)
- Thai board of medicine allergy and clinical immunology - *King Chulalongkorn Memorial Hospital, Bangkok, Thailand* (2010)
- Thai board of internal medicine - *Pramongkutklao Hospital, Bangkok, Thailand* (2007)

### Work experience:

#### ***Pramongkutklao Hospital, Bangkok, Thailand***

- Allergist doctor in Division of Allergy and Clinical Immunology, Department of Medicine (2010 to 2013)
- Residency in internal medicine (2004 – 2007)

#### ***King Chulalongkorn Memorial Hospital, Bangkok, Thailand***

- Fellow in medicine allergy and clinical immunology (2008 – 2010)

#### ***Kai Navamin Hospital, Chonburi, Thailand***

- General practice doctor (2003 – 2004)

**Medical unit in 975 Royal Thai Engineer Task Forces, Operation Enduring Freedom, Bagram Airfield, Bagram, Afghanistan**

- Medical leader team (2003)

**Kai Jakapong Hospital, Pracheenburi, Thailand**

- General practice doctor (2001 – 2003)

**Poster presentation:**

1. World Immune Regulatory Meeting XI, 2017. Tadech Boonpiyathad et al. Frequency and regulation of allergen-specific T and B cells linked to mechanism of immune tolerance in allergen-specific immunotherapy
2. Annual Meeting of American Academy of Allergy, Asthma and Immunology at Atlanta, USA 2017. Wat Mitthamsiri, Panithan Pradubongsa, Atik Sangasapaviliya, Tadech Boonpiyathad. Drug Provocation Tests in Patients with NonSteroidal Anti-Inflammatory Drugs (NSAIDs) and Acetaminophen Hypersensitivity Reactions J Allergy Clin Immunol, vol 139 (2),Feb 2017, Page AB40
3. Graduate School Graubunden 2016, Davos, Switzerland. Boonpiyathad Tadech, Sangasapaviriya Atik, Pradubponsa Pranitan, Ruxrungham Kiat, Sokolowska Milena, van de Veen Willem, Akdis Mubeccel, Akdis Cezmi A. REGULATION OF ALLERGENSPECIFIC T AND B CELLS AND MECHANISM OF IMMUNE TOLERANCE IN ALLERGEN-SPECIFIC IMMUNOTHERAPY
4. Annual Meeting of American Academy of Allergy, Asthma and Immunology at San Diego, California, USA 2014. S. Boonpiyathad, P. Pradapongsa, A. Sangasapaviriya Decreased Serum Vitamin D Level In Patients With Chronic Spontaneous Urticaria. J Allergy Clin Immunol, vol 133 (2014), Issue2, Supplement, Page AB78
5. Food Allergy and Anaphylaxis Meeting 2013, France. S. Boonpiyathad, Chronic angioedema caused by navel orange but not citrus allergy: case report. Clin Transl Allergy. 2013; 3(Suppl 3): P159.
6. 4<sup>th</sup> International consensus meeting on urticaria 2012, Berlin, Germany. S. Boonpiyathad, A. Sangasapaviriya, Hydroxychloroquine add on treatment in patients with severe chronic urticarial
7. International Severe Asthma Forum 2012, Gothenburg, Sweden 2012. S. Boonpiyathad, A. Sangasapaviriya, Tracheobronchomalacia in the patients with treatment-resistant severe asthma: case reports; Clinical and Translational Allergy 2013, 3(Suppl 1):P23
8. 31<sup>st</sup> Congress of European Academy of Allergy and Clinical Immunology at Geneva, Switzerland 2012. S. Boonpiyathad, R. Fuengthong, A. Sangasapaviriya, Clinical Data of Rhinitis, Asthma and Eczema Patients at the Allergy Clinic of Phramongkutklao Hospital, Bangkok, Thailand; Allergy 67, Suppl. 96 (2012): 166–306
9. Annual Meeting of American Academy of Allergy, Asthma and Immunology at San Francisco, California, USA 2011. S. Boonpiyathad, J. Klaewsongkram, P. Pornsuriyasak, The comparison of cytokine levels in exhaled breath condensate between patients with allergic asthma and non-allergic asthma and the correlation with % FEV1 and asthma control test scores; J Allergy Clin Immunol, vol 127 (2011), Issue2, Supplement, Page AB6
10. 29<sup>th</sup> Congress of European Academy of Allergy and Clinical Immunology at London, England 2010. S. Boonpiyathad, J. Klaewsongkram, P. Pornsuriyasak, Comparison of cytokines level in exhaled breath condensate between allergic asthma patients and non-allergic asthma patients Allergy 65, Suppl. 92 (2010):

**Oral presentation:**

1. 32<sup>nd</sup> Congress of European Academy of Allergy and Clinical Immunology at Milan, Italy 2013. S. Boonpiyathad, R. Fuengthong, A. Sangasapaviriya, Effect of Hydroxychloroquine Treatment in Patients With Anti-Histamine Refractory Chronic Spontaneous Urticaria, Randomised Controlled Trial. *Allergy*, 2013 Sep, Vol.68 Suppl 97, pp.62-62
2. 35<sup>th</sup> Congress of European Academy of Allergy and Clinical Immunology at Vienna, Austria 2016. B. Tadech, S. Atik, P. M. Hide, Pranitan, R. Kiat, S. Milena, van de V. Willem, A. Mubeccel, A. Cezmi. IL-10 and IL-22 producing CLA+ Der p 1-specific T cells correlated with SCORAD score during allergen-specific immunotherapy in house dust mite atopic dermatitis patients. *Allergy*, 2016 Aug, Suppl 102, pp.114
3. 36<sup>th</sup> Congress of European Academy of Allergy and Clinical Immunology at Helsinki, Finland 2017. Der p 1-specific B cells in immune tolerance during 2 year house dust mite specific immunotherapy.

**Publication**

1. Głobińska A, Boonpiyathad T, Satitsuksanoa P, Kleuskens M, van de Veen W, Sokołowska M, Akdis M. Mechanisms of allergen-specific immunotherapy: diverse mechanisms of immune tolerance to allergens. *Ann Allergy Asthma Immunol*. 2018 Jun 29. pii: S1081-1206(18)30524-6
2. Boonpiyathad T, Mitthamasiri W, Pradubponsa P, Sangasapaviliya A. Urticaria Diagnosis. *EMJ*. 2018;3(1):98-105
3. Boonpiyathad T, Sangasapaviliya A. Hydroxychloroquine in the treatment of anti-histamine refractory chronic spontaneous urticaria, randomized single-blinded placebo-controlled trial and an open label comparison study. *Eur Ann Allergy Clin Immunol*. 2017 Sep;49(5):220-224
4. Li S, Morita H, Rückert B, Boonpiyathad T, Neumann A, Akdis C, Type 3 innate lymphoid cells induce proliferation of CD94+ NK cells, *J Allergy Clin Immunol*. Oct;140(4):1156-1159.e7.
5. Boonpiyathad T, Chantveerawong T, Pradubponsa P, Sangasapaviliya A. Serum Vitamin D Levels and Vitamin D Supplement in Adult Patients with Asthma Exacerbation. *J Allergy*. 2016, Article ID 4070635, 9 pages
6. Tadech Boonpiyathad, Atik Sangasapaviriya. Autologous serum and plasma skin test to predict 2-year outcome in chronic spontaneous urticaria. *Asia Pac Allergy*. 2016 Oct;6(4):226-235.
7. Boonpiyathad T, Meyer N, Moniuszko M, Sokolowska M, Eljaszewicz A, Wirz OF, Tomasiak-Lozowska MM, Bodzenta-Lukaszyk A, Ruxrungtham K, van de Veen W. High-dose bee venom exposure induces similar tolerogenic B-cell responses in allergic patients and healthy beekeepers. *Allergy*. 72(3):407-415, Mar 2017
8. P. Satitsuksanoa, M. Kennedy, D. Gilis, M. Le Mignon, N. Suratannon, W. T. Soh, J. Wongpiyabovorn, P. Chatchatee, M. Vangveravong, T. Rerkpattanapipat, A. Sangasapaviliya, S. Piboonpocanun, E. Nony, K. Ruxrungtham, A. Jacquet, the Mite Allergy Research Cohort (MARC) study Team (Thantiworasit P, Pulsawat P, Daengsuwan T, Laisuan W, Tongdee M, Dchapaphapeaktak N, Boonpiyathad T). The minor house dust mite allergen Der p 13 is a fatty acid-binding protein and an activator of a TLR2-mediated innate immune response. *Allergy*. 2016 Oct;71(10):1425-34

9. Soh W.T, Le Mignon M, Suratannon N, Satitsuksanoa P, Chatchatee P, Wongpiyaboron J, Vangveravong M, Rerkpattanapipat T, Sangasapaviliya A, Nony E, Piboonpocanun S, Ruxrungtham K, Jacquet A. Mite Allergy Research Cohort (MARC) Study Team (Thantiworasit P, Pulsawat P, Daengsuwan T, Laisuan W, Tongdee M, Dchapaphapeaktak N, Boonpiyathad T). The House Dust Mite Major Allergen Der p 23 Displays O-Glycan-Independent IgE Reactivities but No Chitin-Binding Activity. *Int Arch Allergy Immunol* 2015;168:150-160
10. Tadech Boonpiyathad, Sittipong Yimsawad, Atik Sangasapaviriya. The Cost of Asthma Treatment in Phramongkutklo Hospital: Population-Based Study in Adults. *J Med Assoc Thai*. 2016 Jan;99 (1): 51-57
11. Boonpiyathad T, Pradubpongsa P, Sangasapaviriya A. Vitamin d supplements improve urticaria symptoms and quality of life in chronic spontaneous urticaria patients: a prospective case-control study. *Dermatoendocrinol*. 2014 Jul 16;6:e29727
12. Sawad Boonpiyathad and Atik Sangasapaviliya, Refractory Asthma Treatment Is Complicated by Tracheobronchomalacia: Case Reports and Review of the Literature; Case Reports in Medicine, Volume 2013, Article ID 735058, 4 pages
13. Boonpiyathad S, Pornsuriyasak P, Buranapraditkun S, Klaewsongkram J., Interleukin-2 levels in exhaled breath condensates, asthma severity, and asthma control in nonallergic asthma. *Allergy Asthma Proc*. 2013 Sep;34(5):35-41

**International awards received:**

1. Travel grant award of Asia Pacific Association of Allergy, Asthma and Clinical Immunology, 2010
2. Travel grant award of International Severe Asthma Forum, EAACI, 2012
3. EAACI research fellowship award 2013

**International speaker:**

- Annual Meeting of American Academy of Allergy, Asthma and Immunology at San Diego, California, USA 2014. Vitamin D Supplementation Improve Urticaria Symptoms in Adult Chronic Urticaria

**Medicals interests:**

Asthma, immunotherapy, anaphylaxis, chronic urticaria, and atopic dermatitis

**Professional affiliations:**

- Member of Allergy and Immunology Society of Thailand
- Member of American Academy of Allergy, Asthma and Immunology
- Member of European Academy of Allergy and Clinical Immunology
- Associate editor of Asia Pacific Journal of Allergy and Clinical Immunology

