



## Yew Yik Weng

Consultant, NSC

Assistant Professor, Lee Kong Chian School of Medicine, NTU

Research Interests:

- Atopic Dermatitis & Skin Microbiome
- Molecular & Genetic Epidemiology
- Disease Burden & Outcomes Research

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## Biography

Yik Weng is a Consultant Dermatologist at the National Skin Centre (NSC) with strong clinical and research interests in atopic dermatitis (AD), psoriasis dermato-epidemiology and, disease outcomes research, with close to 60 peer reviewed scientific publications. He is currently the deputy head of the NSC Research Division and head of Eczema clinic, NSC. He obtained his MBBS from the Yong Loo Lin School of Medicine, NUS in 2006 and completed his dermatology residency in 2014 at NSC. After his dermatology training, he obtained a Masters of Public Health to further his training in epidemiology research from the Harvard School of Public Health, USA in 2015 as part of his Health Manpower Development Plan award. He was awarded the National Healthcare Group Clinician Scientist Career Scheme award in 2016 and started his PhD studies at Lee Kong Chian School of Medicine, NTU, Singapore to study disease prevalence and associations of atopic dermatitis in a general adult population cohort. He is active in various types of research in AD and collaborates with various local and overseas institutes on population-based cohort studies, clinical trials, basic and translational AD research on omics, skin microbiome and skin bioimaging.

## Selected Publications

- Kok WL, Yew YW, Thng STG. Comorbidities Associated with Severity of Atopic Dermatitis in Young Adult Males: A National Cohort Study. *Acta Derm Venereol*. 2019; 99(7):652-656.
- Yew YW, Thyssen JP, Silverberg JI. A systematic review and meta-analysis of the regional and age-related differences in atopic dermatitis clinical characteristics. *J Am Acad Dermatol*. 2019; 80(2):390-401.
- Abuabara K, Ye M, McCulloch CE, Sullivan A, Margolis DJ, Strachan DP, Paternoster L, Yew YW, Williams HC, Langan SM. Clinical onset of atopic eczema: Results from 2 nationally representative British birth cohorts followed through midlife. *J Allergy Clin Immunol*. 2019; 144(3):710-719.
- Yew YW, Loh M, Thng STG, Chambers JC. Investigating causal relationships between Body Mass Index and risk of atopic dermatitis: a Mendelian randomization analysis. *Sci Rep*. 2020; 10(1):15279.
- Yew YW, Dinish US, Kuan AH, Li X, Dev K, Attia ABE, et al. Raster-scanning optoacoustic mesoscopy (RSOM) imaging as an objective disease severity tool in atopic dermatitis patients. *J Am Acad Dermatol*. 2020; S0190-9622(20):31142-7.

- Xu X, Galen LS, Bajpai R, Koh MJ, Thng S, Yew YW, et al. Factors Influencing Family Burden of Paediatric Patients with Atopic Dermatitis: A Cross-sectional Study. *Acta Derm Venereol.* 2020; 100(14).
- Yew YW, Zhao X, Apfelbacher CJ. The Patient-Oriented Eczema Measure: estimating the minimal important change in an outpatient clinic cohort. *J Eur Acad Dermatol Venereol.* 2020; 34(6):1273-1279.
- Olsson M, Bajpai R, Wee LWY, Yew YW, Koh MJA, Thng STG, et al. The cost of childhood atopic dermatitis in a multi-ethnic Asian population: a cost-of-illness study. *Br J Dermatol.* 2020; 182(5):1245-1252.

### Notable Research Awards & Grants From Past 5 Years

Name of Awards & Grants	Year Obtained
NHC Clinician-Scientist Career Scheme (CSCS)	2017
National Medical Research Council (NMRC) Clinician Scientist Individual Research Grant – New Investigator Grant (CSIRG-NIG)	2018
National Medical Research Council (NMRC) Transition Award (TA)	2020