

International House Dust Mite Workshop Program

All you need to know about House Dust Mite, 9th-12th February 2010

The Siriraj Dust Mite Center for Services and Research (SDMC)
Department of Parasitology, Faculty of Medicine Siriraj Hospital,
Mahidol University, Bangkok, Thailand

Date	Topics	Lecturer
9 February 2010		
12.00 - 14.00	Registration	
14.00 - 16.00	Visit Siriraj Museums and faculties Visit Attractive Thai Cultural Places	
18.00 - 20.30	Welcome Dinner	
10 February 2010		
09.00 - 09.30	Opening ceremony	Dean of Faculty of Medicine Siriraj Hospital
09.30 - 10.00	Significant Impact of Allergic Diseases	Prof. Pakit Vichyanond
10.00 - 10.30	Clinical significance of HDM : Allergic Rhinitis	Prof. Chaweewan Bunnag
10.30 - 10.50	Coffee break	
10.50 - 11.00	Introduction to SDMC	Assoc. Prof. Vanna Mahakittikun
11.00 - 11.30	Introduction to Acarology <ul style="list-style-type: none"> ● Biology & Classification of HDM 	Assoc. Prof. Vanna Mahakittikun
11.30 - 12.00	Common dust mites & Storage mites	Assist. Prof. Dr. Nat Malainual
12.00 - 13.00	Lunch	
13.00 - 13.30	Mite identification <ul style="list-style-type: none"> ● How to use pictorial keys for mite identification 	Assist. Prof. Dr. Nat Malainual
13.30 - 13.45	Slide preparation for mite identification	Assoc. Prof. Dr. Anchalee Tungtrongchitr
13.45 - 14.45	HDM cultivation <ul style="list-style-type: none"> ● Visit mite culture rooms 	Assoc. Prof. Vanna Mahakittikun
14.45 - 15.00	Coffee break	
14.45 - 17.00	- Demon. : Common HDMs : Storage mites - Practical session : <ul style="list-style-type: none"> ● Group microscopy for mite identification ● Self-study known slides ● Preparation of slides (take home) 	Assist. Prof. Dr. Nat Malainual Prapakorn Ninsanit Theerapong Wangapai

Date	Topics	Lecturer
11 February 2010		
09.00 - 09.30	Controlling of HDM I <ul style="list-style-type: none"> ● Heat & cold ● Vacuuming ● Air filter 	Assoc. Prof. Anchalee Tuntrongchitr
09.30 -10.30	Controlling HDM II <ul style="list-style-type: none"> ● Encasing 	Assoc. Prof. Vanna Mahakittikun
10.30 - 10.45	Coffee break	
10.45 - 11.15	Dust analysis <ul style="list-style-type: none"> ● Dust collection ● Preparation of dust for research analyses 	Assoc. Prof. Dr. Anchalee Tungtrongchitr
11.00 -11.30	LAB: Demo. : Dust collection	Assoc. Prof. Dr. Sirichit Wongkamchai
11.30 - 12.30	Environmental assessment of HDM: Field Trip: Techniques for the collection of dust from the home of mite allergic patients	Assoc. Prof. Supatra Tiewcharoen Dr. Nitat sookrung Prapakorn Ninsanit, Theerapong Wangapai
12.30 - 13.30	Lunch	
13.30 - 14.00	Mite allergens measurement	Assist. Prof. Dr. Nat Malainual
14.00 - 17.00	Laboratory practice and demonstration <ol style="list-style-type: none"> 1. Potential methods for evaluating mite-proof covers 2. Demonstration of dust extraction & 3. Mite count & mite identification from dust samples 4. Laboratory testing for mite allergen measurement <ul style="list-style-type: none"> ● Specific tests <ul style="list-style-type: none"> — ELISA — Lateral flow — Der p / f2 — Der p 3 ● Non-specific tests <ul style="list-style-type: none"> — Guanine test 	Assoc. Prof. Vanna Mahakittikun Assoc. Prof. Dr. Anchalee Tungtrongchitr Assoc. Prof. Dr. Sirichit Wongkamchai Assist. Prof. Dr. Nat Malainual Dr. Nitat sookrung Prapakorn Ninsanit Theerapong Wangapai
14.45 - 15.00	Coffee break	

Date	Topics	Lecturer
12 February 2010		
09.00 - 09.45	Mite allergens & Trends in mite allergen researches <ul style="list-style-type: none"> ● Molecular cloning of major allergens 	Assist. Prof. Dr. Nat Malainual
09.45 - 10.15	Trends in cockroach allergen research	Prof. Dr. Wanpen Chaicumpa
10.15 - 10.45	Coffee break	
11.00 - 12.00	Thai herbal medicine against HDM	Assoc. Prof. Noppamas Soonthornchreonnond
12.00 - 13.00	Lunch	
13.00 - 14.30	Laboratory assessment for anti-mite agents <ul style="list-style-type: none"> ● Chemical agents ● Natural Products 	Assoc. Prof. Vanna Mahakittikun Prapakorn Ninsanit Theerapong Wangapai
14.30 - 15.00	Discussion & Workshop evaluation	
15.00 - 15.15	Closing ceremony	
15.15 - 15.30	Coffee break	