

## **CURRICULUM VITAE**

**DR ANURADHA VENUGOPALAN**

Email : crdlab@hotmail.com



### **Education & Training**

Ph.D, Medical Microbiology, University of Pune	2010
M.Sc. Medical Microbiology, B.J.Medical College, University of Pune	1990
B.Sc., Microbiology, University of Pune	1987

### **Research Dissertations**

- Ph.D 2004-2010: Defining the Immunogenetic Markers in Patients with Inflammatory Arthritis in a Rural Population of Western Maharashtra.
- M.Sc 1987 – 1990: Study of cell-mediated immunity and humoral immunity in Diabetes mellitus.

### **AWARDS RECEIVED**

1. First Recipient of ASIA PACIFIC LEAGUE OF ASSOCIATIONS FOR RHEUMATOLOGY (APLAR) – LABORATORY FELLOWSHIP AWARD 1999.
2. 'Late Shri Amrut Modi Unichem - BJD India Research Fellowship awards – 2005

### **RESEARCH TRAINING**

#### ***International***

1. Study Grant/ Fellowship – 1997: TRAINING IN Advanced Laboratory Techniques in Immunorheumatology in The St. George Hospital, Sydney, Australia.
2. APLAR Laboratory Fellowship – 1999: Advanced Laboratory Techniques in Immunogenetics in The St. George Hospital, Sydney, Australia.
3. Observer at the Department of Rheumatology, Allergy and Immunology, Tan Tock Seng Hospital, Singapore December 2002.

#### ***National***

1. National Autoantibody Workshop – at Sanjay Gandhi Post Graduate Institute, Lucknow, INDIA – September 2007.
2. HLA typing techniques at Sanjay Gandhi Post Graduate Institute, Lucknow, INDIA - April 2008.

## PROFESSIONAL EXPERIENCE/APPOINTMENTS

### *Current Appointments*

- Deputy Director and R & D Lab In-Charge: Centre for Rheumatic Diseases, Pune.
- Microbiologist & Infection Control Officer - N.M.Wadia Institute of Cardiology, Pune, India
- Trustee – Arthritis Research & Care Foundation Center for Rheumatic Diseases.
- M Phil Research guide in Health Sciences – Savitribai Phule Pune University.

### *Previous Appointments*

1. Research Fellow – Laboratory: NMITLI Arthritis Project 2003-2006 (Under Auspices of CSIR. Govt of India).
2. Junior Microbiologist, Medinova Diagnostic Services, Pune. (1991-1996)

## RESEARCH PROJECTS UNDERTAKEN

1. **Project Leader** : Identification Of Genetic Risk Factors In A Cohort Of Inflammatory Arthritis From An Urban Population From A Three Year Follow-Up Study – A BJD INDIA NAN sponsored project - 2006.
2. **Co-investigator** : A Rural Population based study of Chikungunya infection with special reference to persistent 'rheumatic musculoskeletal disorders'. An Indian Council for Medical Research (ICMR) – Government of India sponsored project 2006.

### **Organizing Skills for Academic Meetings:**

1. Workshops Organized in the capacity of Member of Organizing Committee:
  - a) 5-6 September **2006** – National Symposium on Rheumatic Musculoskeletal Disorders conducted in Pune under the auspices of **Bone & Joint Decade India – National Action Network** where 150+ participants, mostly rheumatologists participated in a two day meeting.
  - b) 12-13 December **2009** – COPCORD Workshop conducted in Pune under the auspices of **Bone & Joint Decade India – National Action Network** where 50+ participants, mostly rheumatologists participated in a two day meeting.
  - c) 4-5 September **2010** - COPCORD Workshop conducted in Pune under the auspices of **Bone & Joint Decade India – National Action Network** where 50+ participants, mostly rheumatologists participated in a two day meeting.
2. 27<sup>th</sup> – 29<sup>th</sup> November **2008 - Annual Meeting of Indian Rheumatology Association** organized in the capacity of Assistant Organizing Secretary. 500+ delegates from across the country and several international invited speakers participated in the 3-day meeting including a one-day workshop.  
**Role:** To assist in planning the conference, scientific program and hospitality.
3. 29<sup>th</sup> November – 02<sup>nd</sup> December **2008 – Annual Meeting of Bone and Joint Decade International** in Pune organized in the capacity of Co-ordinator. 300+ delegates from all over India and from various countries across the world participated in the four-day meeting.  
**Role:** To assist in planning the conference, scientific program and hospitality.
4. 31<sup>st</sup> August – 1<sup>st</sup> September – 2<sup>nd</sup> **2018 -Annual National Congress in Osteoarthritis Research** under the initiative of Society of Osteoarthritis Research – India in the capacity of Organizing Secretary. 140 plus delegates including specialties from orthopedics, rheumatology, physiotherapy & basic sciences participated in the meeting.  
**Role:** Planning the scientific program under the guidance of the Chairman.
5. Regularly conduct Infection Prevention week activities every year **since 2012** in **N M Wadia Institute of Cardiology** in the capacity of Infection Control Officer.  
**Role:** Planning various activities and training programs for Health Care workers.

## PUBLICATIONS

1. Chopra A, Saluja M, Kianifard T, Chitre D, **Venugopalan A** et al. Long term effectiveness of RA-1, a standardized Ayurvedic medicine as a monotherapy and in combination with disease modifying anti-rheumatic drugs in the treatment of rheumatoid arthritis. **J Ayurveda Integr Med** (2017), [http:// dx.doi.org/10.1016/j.jaim.2017.07.009](http://dx.doi.org/10.1016/j.jaim.2017.07.009)
2. **Venugopalan A**, Ghorpade R, Chopra A. Cytokines in acute chikungunya. **PLoS ONE** 2014;9(10). doi:10.1371/journal.pone.0111305.
3. Chopra A, Saluja M, **Venugopalan A**. Effectiveness of Chloroquine and inflammatory cytokine response in patients with early persistent musculoskeletal pain and arthritis following Chikungunya virus infection. **Arthritis Rheum** 2014;66(2):319-326.
4. Chopra A, Saluja M, Tillu G, Sarmukkaddam S, **Venugopalan A**, Narsimulu G, Handa R, Sumantran V, Raut A, Bichile L, Joshi K, Patwardhan B. Ayurvedic medicine offers a good alternative to glucosamine and celecoxib in the treatment of symptomatic knee osteoarthritis: a randomized, double-blind, controlled equivalence drug trial. **Rheumatol** 2013;52(8):1408-17.
5. Chopra A, Saluja M, Tillu G, **Venugopalan A**, Narsimulu G, Sarmukkaddam S, Patwardhan B. Evaluating higher doses of *shunthi* - *guduchi* formulations for safety in treatment of osteoarthritis knees: A government of India NMITLI arthritis project. **J Ayurveda Integr Med** 2012;3:38-44.
6. Chopra A, **Anuradha V**, Ghorpade R, Saluja M. Acute chikungunya and persistent musculoskeletal pain following the 2006 Indian epidemic: a 2- year prospective rural community study. **Epidemiol Infect** 2012;140(5):842-50.
7. Chopra M, Jadhav S, **Venugopalan A**, Hegde V, Chopra A. Salivary immunoglobulin A in rheumatoid arthritis (RA) with focus on dental caries: a cross-sectional study. **Clin Rheumatol** 2012;31(2):247-50.
8. Chopra A, Saluja M, Tillu G, **Venugopalan A**, Narsimulu G, Handa R, Bichile L, Raut A, Sarmukkaddam S, Patwardhan B. Comparable efficacy of standardized Ayurveda formulation and hydroxychloroquine sulphate (HCQS) in treatment of rheumatoid arthritis (RA): a randomized investigator-blind controlled study. **Clin Rheumatol** 2012;31(2):259-69.
9. Chopra A, Saluja M, Tillu G, **Venugopalan A**, Sarmukkaddam S, Raut AK, Bichile L, Narsimulu G, Handa R, Patwardhan B. A randomized controlled exploratory evaluation of standardized ayurvedic formulations in symptomatic osteoarthritis knees: A government of India NMITLI project. **Evidence-Based Complementary and Alternative Medicine** (eCam) 2011;Doi:10.1155/2011/724291.
10. Chopra A, **Venugopalan A**. Persistent rheumatic musculoskeletal pain and disorders at one year post-chikungunya epidemic in south Maharashtra- a rural community based observational study with special focus on naïve persistent rheumatic musculoskeletal cases and selected cytokine expression. **Indian J Rheumatol** 2011;6:5-11.
11. Chopra A, Joshi VL, Joshi V, Rane R, **Anuradha V**. Old enemy on a difficult terrain: pattern of tuberculosis in rheumatology practice with focus on uncommon extrapulmonary affection. **Indian J Rheumatol** 2011;6: 44-54.
12. Kunjir V, **Venugopalan A**, Chopra A. Profile of Indian patients with juvenile onset chronic inflammatory joint disease using the ILAR classification criteria for JIA: a community based cohort study. **J Rheumatol**. 2010;37(8):1756-1762.
13. Chopra A, **Anuradha V**, Lagoo-Joshi V, Kunjir V, Salvi S, Saluja M. Chikungunya virus aches and pains: an emerging challenge. **Arthritis Rheum**. 2008;58(9):2921-22.
14. **Anuradha V**, Chopra A. In the era of nephelometry, latex agglutination is still good enough to detect rheumatoid factor. **J Rheumatol**. 2005;32:2343-4.
15. **Anuradha V**, Chopra A, Sturgess A, Edmonds J. Cost-effective screening method for antinuclear antibody detection. **APLAR J Rheumatol**. 2004;7:13-18.

16. Chopra A, **Anuradha V**, Edmonds J. Detection of anti-nuclear antibodies from filter paper blood clots using indirect immunoenzyme technique: preliminary experience and results. **J Assoc Phys India**. 2000;5:493-496.
17. Chopra A, **Anuradha V**, Neeta P, Patwardhan B, Damle AN. Community concepts and psycho social beliefs of arthritis and rheumatism patients: Basis for health education. Bulletin Of The Asia Pacific League Against Rheumatism (APLAR) Bulletin 1994;12:11-14
18. David M, **Anuradha V**, Bharadwaj RS, Nene SS. Mycetoma due to *Nocardia caviae* – A Case Report. **Indian J Pathol Microbiol** 1991; 34(1):62-63.