

# CURRICULUM VITAE

Name : **R. Rajendran**

Age & Date of Birth : 50 years, 15.11.1954

Marital Status : Married

Academic Affiliation : Professor & Head  
Dept. of Oral Pathology & Microbiology  
Dental Wing, Medical College,  
Trivandrum – 695011, India  
Tel : 0471 –2444092

Passport Number : A 4637180

Nationality : Indian

Present Address : Dept. of Oral Pathology & Microbiology  
Dental Wing, Medical College,  
Trivandrum – 695011, India  
Tel : 0471 –2444092

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Chellamangalam, Powdikonam P.O.,  
Trivandrum – 695587  
Phone : 0471 – 2591965  
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Email: [rajendranarya2001@rediffmail.com](mailto:rajendranarya2001@rediffmail.com)  
[rrajendran\\_r@yahoo.co.in](mailto:rrajendran_r@yahoo.co.in)  
Website: [www.teleoralpathology.com](http://www.teleoralpathology.com)

Examinations Passed :a. BSc. (Zoology, Botany, Chemistry)  
Div. secured – First Class  
Year of passing – April 1975  
University of Kerala

b. B.D.S. (Dentistry)  
June 1976 – February 1981

Rank – First Rank  
Gold Medalist  
University of Kerala

- c. MDS (Oral Pathology & Microbiology)  
February 1984- February 1986  
Unclassified  
University of Kerala
- d. Ph.D  
Field- Cancer Research – Faculty of Dentistry  
University of Kerala  
17.07.1993 (Date of Award)

Topic of Research Work : Epidemiological, Biochemical, Immunological and Ultrastructural studies of the changes in mucosa associated with **oral submucous fibrosis (OSMF)**”

Supervising Teacher : Dr. P.I. John, MDS, FICD  
Dean (Retd) Faculty of Dentistry  
University of Kerala

### **Topic of Ph.D thesis work**

#### **Relevance**

**Oral submucous fibrosis** is a potent oral precancerous condition of South East Asia, where an overall high incidence of oral cancer is reported. A high prevalence figure, much above national average, of the disease is reported among Kerala population. Considering its precancerous potency and the general lack of awareness regarding its causation an attempt was made to undertake this investigation, which ends in the award of a Ph.D degree. During the investigation the pathogenesis of the disease became more apparent and could formulate an alternative pathogenetic pathway for oral submucous fibrosis, which was well appreciated by the scientific community. (Ref. Med. Hypothesis 30:35-42; 1989).

### **Faculty positions held**

Employer : Department of Health & Family Welfare  
Government of Kerala

Service : Medical College Service

- a. Professor and Head  
Dept. of Oral Pathology & Microbiology

Dental Wing, Medical College,  
Trivandrum – 695011, India  
29.07.1999- onwards

(Responsibilities include administration and teaching assignments)

Undergraduate and post graduate teaching in Oral Pathology and Microbiology

Research : Independent and Ph.D. guide –Number of registered candidates – Two  
(University of Kerala)

Topics :1. Endemic fluorosis and oral health status

2. Cranio–facial development and anthropological correlations

Examiner : P.G. Examination in Oral Pathology

b. Associate Professor

Dept. of Oral Pathology & Microbiology

5.1.1998- 28.07.1999

Responsibilities : Teaching & Clinical care

Post graduate teaching assignments

No. of candidates / year = 2

Principal Investigator (PI)

Independent Research Projects

Examiner: P.G. Examination in Oral Pathology

c. Assistant Professor

Dept. of Oral Pathology & Microbiology

1.4.1990 – 4.1.1998

Responsibilities : Teaching & Clinical care

Post graduate and UG teaching assignments

Principal Investigator (PI)

Independent Research Projects

d. Lecturer

Dept. of Oral Pathology & Microbiology

5.1.1984-31.3.1990

Responsibilities – include U.G. teaching assignments

Research Independent Projects

## AWARD

- Recipient of : The Best Young Scientist Award- 1989  
Govt. of Kerala, India  
Field- Health and Sanitation  
First Kerala Science Congress  
Cochin
- Indian Society for Dental Research (ISDR)  
Best scientific paper published-2002  
Citation and cash award  
15<sup>th</sup> ISDR Annual Conference  
5<sup>th</sup> & 6<sup>th</sup> April 2003  
Coimbatore.
- The State Award for the BEST DOCTOR-2002**  
Among Dental Specialities.  
Awarded by the Govt. of Kerala  
Doctors Day Celebrations-July 1<sup>st</sup> 2003  
Trivandrum –Kerala.
- Examiner and Chairman : Board of Examiners  
BDS Degree Examination  
University of Kerala  
University of Mangalore  
University of Madras  
University of Bangalore
- Faculty Member : Post graduate Programme  
(Oral Pathology & Microbiology)  
University of Kerala
- Executive committee member: Indian Society for Dental Research (ISDR)  
Subsidiary of International Association for Dental  
Research (IADR – Washington DC)

### Research Guide – PH.D PROGRAM

- Faculty of Dental Medicine,  
University of Kerala
- Examiner : Post Graduate degree examination in Oral Pathology  
and Microbiology (MDS), University of Kerala.

Member	:	Board of Studies- Faculty of Dentistry University of Kerala.
Nominee	:	Marquis who's who in the world. 14 <sup>th</sup> Edition 1997- A Reed reference – Publishing company 121 Chanlon Road, New Providence, NJ 07974, U.S.A.
Reviewer	:	'Cancer' (Official publication of the American Cancer Society, Atlanta, U.S.A.
Editorial member:		1. Journal of Indian Dental Association (JIDA) 2. Journal of the Indian Academy of Oral Pathologists (IAOP) 3. Reviewer & Referee Indian Journal of Dental Research (IJDR) (India Section of IJDR – Washington, DC)
Expert	:	National Board of Examinations Ministry of Health Family Welfare, New Delhi

**COMMISSIONED PROJECT EDITOR**  
**SHAFER'S TEXTBOOK OF ORAL PATHOLOGY**  
**INTERNATIONAL EDITION V,**  
**ELSEVIERS INTERNATIONAL PUBLISHERS**  
**NEW DELHI.**

## **EXPERIENCE IN RESEARCH AND ADMINISTRATION**

### **1. Co- investigator**

Project on **oral submucous fibrosis (OSMF)**: Sanctioned and financed by the State Committee on Science, Technology and Environment (STEC)- Government of Kerala.

1984-85- Completed Project

### **2. Principal Investigator**

**Project on OSMF**- Sanctioned and financed by STEC- 1987-88 – Completed. G.O. No. 185/87/ PIG. Dt. 17.02.1987

### **3. Principal Investigator**

Project on oral pre cancer and cancer : Sanctioned and financed by STEC- 1988-89 completed.

G.O. M.S. No. 21/88 STEC dated. 06.04.1988

### **4. Principal Investigator**

**Project on OSMF** : Sanctioned and financed by the Department of Science and Technology, Govt. of India, New Delhi.

G.O. No. REF/ SP/ YS/ L72/ 87 dated. May 31<sup>st</sup> 1988- Completed Project

### **5. Head of the Department : Oral Pathology & Microbiology, Medical College, Trivandrum 01.01.1998.**

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

1. Member of the Indian Dental Association (IDA)
2. Member of the Indian Immunological Society (IIS)
3. Member of the Indian Association of Biomedical Scientists (IABS)
4. Member of the International Association of Oral Pathologists (IAOP)  
Membership No. 297
5. Member of the Indian Academy of Oral Pathologists
6. Active Member – New York Academy of Sciences, New York, U.S.A.
7. Fellow of UICC (WHO)
8. Member – Indian Society for Dental Research (Subsidiary of the International Association for Dental Research- IADR)

9. Fellow of the International Medical Sciences Academy (MSA). (Associate Member for the Council for International Organisations of Medical Sciences (CIOMS- Geneva, Switzerland)
10. Member- American Association for the Advancement of Science (AAAS)- USA
11. Active Membership – International Association for Dental Research (IADR, Alexandria, VA, USA. ID Number: P4682415)

## FELLOWSHIPS AWARDED

1. **RECIPIENT OF THE COMMONWEALTH MEDICAL FELLOWSHIP – 1990-1991 AT THE HUNTERIAN INSTITUTE OF THE ROYAL COLLEGE OF SURGEONS OF ENGLAND, LONDON.**

Field : Cancer Research awarded by the Commonwealth Medical Fellowship Commission, U.K

Ref. Ind. / 2006 / 557- The British Council dated. 31<sup>st</sup> Jan 1990

Ref.No. L-20020/3/90-F Ministry of Health and Family Welfare, Govt. of India dated. 16.02.1990

2. **RECIPIENT OF THE INTERNATIONAL CANCER TECHNOLOGY TRANSFER (ICRETT) AWARD OF THE INTERNATIONAL UNION AGAINST CANCER (UICC) – GENEVA, SWITZERLAND**

- ICRETT No. 556 dated. 07.01.1997

Field : Cancer Research

Host Institute : Oral & Dental Research Institute  
University of Stellenbosch  
Cape Town  
South Africa

Project Chairman: Prof. C.W. Van Wyk  
Director  
March – April 1997

Project Work : Cytokeratin Profile of Normal and Diseased Oral Mucosa with particular reference to **Oral Submucous Fibrosis** using Panels of Monospecific Antibodies.

3. Visiting Fellowship – National Institute for Dental and Craniofacial Research,  
National Institutes of Health, Bethesda, USA.

Oct. 5<sup>th</sup> to 17<sup>th</sup>, 2003 under the auspices of:

a. Division of Functional Genomics  
NIDCR, NIH

**Sponsor- Dr. Ashok Kulkarni, Ph.D**

b. Division of Oral and Head & Neck Cancer Research  
NIDCR, NIH

**Sponsor – Dr. Silvio Gutkind, PhD**

(Both Invitations are accepted)

## I. PAPERS PRESENTED IN CONFERENCES

1. Second biennial conference of the Indian Society of Oncology, Bombay 1986, Abst. pp. 395.
2. First Indo – US workshop on viruses and human cancers- Trichur, India Dec. 1986. Proceedings of the Indi- US workshop – p 58-61.
3. First International Congress on oral cancer and jaw tumours – Singapore 9-14 Nov. 1987. Abst. p. 24, 143.
4. 13<sup>th</sup> Asian Pacific Dental Congress and 42<sup>nd</sup> IDA conference at New Delhi- 28<sup>th</sup> 2<sup>nd</sup> Feb. 1988. Abst. p. 91.
5. First Decennial celebrations of Amala Cancer Hospital and Research Centre, Trichur, India. 23<sup>rd</sup> – 25<sup>th</sup> April 1988- Invited lecture on the role of complement activity in oral precancers and cancer. Scientific Seminar Reports (3) 1988.
6. Proceedings of the International conference on primary health care (Health India 88) Sep. 9-12, New Delhi. pp. 88-96, 118-21.
7. Abstract of the Second International Conference of Anti-Cancer Research, Oct. 11-15, Saronis, Greece, Vol. 428, pp. 1149-50, 1988.
8. 15<sup>th</sup> Annual Conference of The Indian Immunological Society Centre for Life Sciences, University of North Bengal, Siliguri 28-30 November 1988. Abst. (4) Tumour Immunology.
9. 9<sup>th</sup> Congress of the International Association of Dentistry for the Handicapped. Philadelphia. USA 7-10<sup>th</sup> Aug. 1988.
10. Abstract – 1<sup>st</sup> International Congress on Oral Cancer (Head and Neck) 13-17<sup>th</sup> Nov. 1989, New Delhi. Immunology and Biochemistry of Oral Pre-malignant and Malignant lesions. Pp.73.

11. Abstract – Annual Meeting of The British Society for Oral Pathology(BSOP) 13<sup>th</sup> –14<sup>th</sup> Sep. 1990, London.
12. 162<sup>nd</sup> meeting – The Pathological Society of Great Britain and Ireland, 3-5<sup>th</sup> Jan. 1991, University of Cambridge, Cambridge, UK.
13. Abstract – IInd International Congress on Oral Cancer- 2-5<sup>th</sup> Dec. 1991- New Delhi. Silver Binding Nucleolar organizer regions (AgNORs) as possible prognostic indicator in **OSMF**, pp. 41.
14. Abstract -  
International Symposium on ‘Low Level Radiation and Living State’. 13-15<sup>th</sup> March 1992  
Bombay, India
15. Abstract -  
VIth Biennial Congress of the International Association of Oral Pathologists, Hamburg, Germany.  
July 27-30, 1992
16. Abstract -  
International Symposium, on Environmental mutagens and Human health. (A Satallite Symposium to the VIth International Conference on Environmental Mutagens, Melbourne, Australia. February 21-26, 1993  
  
February 10-12, 1993, Madras, India. Pp.38 (alone)
17. Abstract -  
3<sup>rd</sup> International Congress on Oral Cancer  
Jan 22-25, 1994, Madras. India
18. Abstract -  
XVI International Cancer Congress (UICC), New Delhi October 30<sup>th</sup> November 5<sup>th</sup>, New Delhi.
19. IIIrd Annual Meeting of the Indian Academy of Oral Pathologist”  
- 16-18<sup>th</sup> December, 1994, Madras  
- Guest speaker
20. Abstract -  
4<sup>th</sup> International Congress on Oral Cancer. Sep. 1995  
Ogaki City, Japan.

21. Member Faculty  
National Workshop on Molecular Oncology  
Cancer Institute, Adyar, Madras  
  
27<sup>th</sup> –28<sup>th</sup> May, 1996 (Under the auspices of The Indian Academy of Oral Pathologists)
22. Chairman  
Scientific Committee –9<sup>th</sup> Annual Conference of The Indian Society for Dental Research (ISDR)  
  
2<sup>nd</sup> & 3<sup>rd</sup> November 1996, Trivandrum
23. **DR. JACOB ZACHARIAH MEMORIAL ORATION.**  
“Current Trends in Cancer Research”. 29<sup>th</sup> State Conference of The Indian Dental Association
24. Talk on **Oral Submucous fibrosis** – An Overview  
  
**University of Western Cape, South Africa** – 16.04.1997  
At the Academic Forum of the Faculty and Post Graduates  
**INVITED TALK**
25. Talk on Blood Group Antigens: Relevance as a Possible Prognostic Predictor in  
  
**Submucous Fibrosis**  
Under the Auspices of the Oral Medicine Dept.  
  
**University of Stellenbosch, Cape Town, South Africa**  
17.04.1997  
**INVITED TALK**
26. International Federation of Head and Neck Oncologic Societies-  
  
Asia – Pacific Congress, Bombay  
- December 11.14.1997  
- Cytokeratins and their Distribution in the Epithelium in **Oral Submucous Fibrosis** – Abstract pp.20 (Research)
27. **Invited Speaker**  
  
**17<sup>th</sup> International Cancer Congress – UICC (WHO)**  
**23-28 August 1998- RIO DE JANEIRO, BRAZIL**  
**Session : Head and Neck cancer – Oral Cavity**

28. **Faculty Member** – Pre Conference Instructional Course 15.19, 1998, Indian Association of Pathologists and Microbiologists – Annual Conference 15-19 Dec., 1998, Kanyakumari, India.
29. **Invited Speaker** – Golden Jubilee Celebrations – Dental Council of India University of Pondicherry, India, 20<sup>th</sup> March 1999.
30. **Invited Speaker** : Regional Workshop – National Oral Health Care Programme, Govt. of India.  
Dec. 20<sup>th</sup> & 21<sup>st</sup>, Trivandrum, Kerala, 1999.

**Topic :** Oral Cancer prevention : Strategies and Action Plan to the State of Kerala:  
Policy document formation

31. **Invited Speaker** : National workshop on Oral Health, Policy making workshop- Ministry of Health and Family Welfare, Govt. of India, New Delhi.
32. **Abstract** : 5<sup>th</sup> International Conference on Head and Neck Cancer, July 29-August 2<sup>nd</sup>, 2000, San Fransisco, USA.

Re: “Loss of expression of blood group antigen ‘H’ is in concordance with epithelial dysplasia of **OSF**: A lectin histochemical study.

33. **Abstract** : (Accepted Reg. No. 30261)  
XXIII International Congress of the International Academy of Pathology

14<sup>th</sup> World and Congress of Academic and Environmental Pathology  
October 15-20, 2000. NAGOYA, Japan  
Re : **Oral Submucous fibrosis** : An Asiatic Enigma

34. Abstract : (Serial No. 88)  
3<sup>rd</sup> Global Conference for Cancer Organisations  
24-27 June, Brighton, UK

Re : “Oral Cancer Control in India- A pilot study: Aegis of the National Oral Health Program.

35. **Abstract** : 3<sup>rd</sup> International Conference on AIDS- Chennai, India  
Dec. 1<sup>st</sup> –5<sup>th</sup>, 2001, p. 309

36. Oral epithelial dysplasia is infrequent in Indian cases of HIV seropositives – a cytological study  
a. 6<sup>th</sup> International Conference on Malignancies in AIDS – April 2002-  
Bethesda, USA

37. 'Demographic and Clinical profile of 328 HIV seropositives of Kerala, South India.  
- 14<sup>th</sup> International AIDS Conference: July 2002, Barcelona, Spain

**LECTURE TOUR TO NIDCR, NIH, BETHESDA, USA.**

**5<sup>th</sup> to 17<sup>th</sup> October 2003**

**Invitation from NIH, Bethesda, USA**

38. **"Oral submucous fibrosis revisited"**  
**7<sup>th</sup> October 2003.**  
**FUNCTIONAL GENOMICS UNIT SEMINAR**  
**(NIH CALENDER – 13<sup>th</sup> October 2003 – Scheduled Talk of NIH for**  
**Faculty and Researchers)**  
**NIDCR, NIH, USA.**
39. **"Oral submucous fibrosis – Research Priorities"**  
**10<sup>th</sup> October 2003**  
**FUNCTIONAL GENOMICS UNIT SEMINAR**  
**NIDCR, NIH, USA.**
40. **INVITED TALK**  
**"Oral submucous fibrosis"**  
**13<sup>th</sup> October 2003**  
**DIVISION OF ORAL AND PHARYNGEAL CANCER**  
**NIDCR, NIH, BETHESDA, USA.**
41. **GUEST LECTURE**  
**"Oral submucous fibrosis"**  
**20<sup>th</sup> October 2003**  
**FACULTY SEMINAR**  
**DEPT. OF ORAL PATHOLOGY**  
**DENTAL SCHOOL**  
**UNIVERSITY OF PITTSBURGH**  
**PITTSBURGH, PA, USA.**
42. 'Advancing tumour fronts in malignancies associated with **oral submucous fibrosis** – **Kuwait** Association for Dental Research: Annual Conference for **Mediterranean – African Region (IADR)**. 3<sup>rd</sup> and 4<sup>th</sup> December 2003.'

43. 16<sup>th</sup> Annual Conference of Indian Society for Dental Research, 7<sup>th</sup> & 8<sup>th</sup> February, 2004.  
**Invited talk: Oral submucous fibrosis**  
R.V. Dental College, Bangalore.
44. **Organizing Committee Chairman:**  
“National symposium on **oral submucous fibrosis**”  
5<sup>th</sup> June, 2004, Trivandrum.  
Auspices of India Section: **International Association for Dental Research (IADR)**.
45. **Chairman – Scientific Committee**  
**13<sup>th</sup> National Conference of Indian Academy of Oral Pathologists (IAOP)**  
19<sup>th</sup> to 21<sup>st</sup> November, 2004, Calicut, Kerala, India.
46. Invited lecture on Oral precancerous lesions for Dental surgeons and allied workers  
Under the auspices of the Director, Health Services Dept.  
Govt. of Kerala.  
17<sup>th</sup> March, 2005, Trivandrum.

## I. SCIENTIFIC PAPERS PUBLISHED IN INTERNATIONAL AND NATIONAL JOURNALS

1. "Cell mediated and humoral immune responses in **oral submucous fibrosis (OSMF)**"., **Cancer** 58: 2628-31, 1986.
2. "Candidal infection in routine dental practice". **KDJ**. Vol. 8, No.4, p.119-123; 1986.
3. "Dental Management of the Diagnosed, Medically compromised patients- Part I". **KDJ**. Vol. 9, No.2, p.31-37; 1986.
4. "Dental Management of the Diagnosed, Medically compromised patients – Part III", **KDJ**. Vol. 9, No.3, p.75-76; 1986.
5. "Dental Management of the Diagnosed, Medically compromised patients- Part III, **KDJ**. Vol. 9, No.4, p.99-102; 1986.
6. "Prevalence of **OSMF** among the cashew workers of Kerala, South India". **Ind. J. Cancer** 23: 101-4; 1986.
7. "Tissue binding patterns of lectins in premalignant and malignant lesions of oral cavity" **Am J. Exp. Path.** 3: 295-304, 1987.
8. "Teacher – Collins Syndrome – Report of two cases". **J. Oral Med.** 42:291-4, 1987
9. "Dental Management of the Diagnosed, Medically compromised patients- Part IV". **KDJ**. Vol. 10, No.1, p.9-12; 1987.
10. "Dental Management of the Diagnosed, Medically compromised patients – Part V, **KDJ**. Vol. 10, No.2, p. 39-42; 1987.
11. "Central haemangioma of the maxilla- A case report". **KDJ**. Vol. 10, No.1, p. 19-23; 1987.
12. Multiple neurofibromatosis involving the palate – Report of a case". **KDJ**. Vol. 10, No. 3, p.71-75; 1987.
13. "Dental Office emergencies and statim medial complications- Part I". **KDJ**. Vol.10, No.3, p.63-65; 1987.
14. "Cranio-facial dysostosis (Crouson's disease) – A case report". **J. Ind Dent. Assoc.** 59; 65-9, 1987.
15. 'Dental Office Emergencies and Statim Medical complications – Part II'. **KDJ**. Vol. 11, No.1, 12-17; 1988.
16. "Dental Office Emergencies and Statim Medical Complications – Part III". **KDJ**. Vol. (11), No. (1) 23-27; 1988.
17. "Dental Office Emergencies and Statim Medical Complications – Part IV". **KDJ**. Vol. (11) No. (2) 59-62; 1988.

18. 'Ackerman's tumour (Verrucous carcinoma) of the oral cavity- a clinico-epidemiologic study of 426 cases". **Aust Dent. J.** 33: 295-98, 1988.
19. 'A rare human model for oncogenesis – Report of a case". **Sing Dent. J.** 13: 49-52, 1988.
20. "Circulating immune complexes as a immunological marker in premalignant and malignant lesions of oral cavity". **Cancer Lett.** 40: 185-91; 1988.
21. "Oral leishmaniasis – Report of a case". **KDJ.** Vol. (11) No. (3) p.111-114; 1988.
22. "Dental Office Emergencies and Statim Medical Complications – Part V". **KDJ.** Vol. (11) No. (4) p. 135-157; 1989.
23. "Ackerman's tumour (Verrucous carcinoma) of the oral cavity- A histopathological study of 426 cases". **Sing Dent. J.** 14: 48-53; 1989.
24. "An alternative pathogenic pathway for **oral submucous fibrosis (OSMF)**". **Med Hypo** 30: 35-42, 1989.
25. "Risk of **OSMF** among the factory workers of Kerala, South India exposed to cashew shell oil"- Proceedings of the International Conference on Primary Health Care (Health India 88) Sept.9-12, New Delhi. pp. 88-96, pp. 119-121.
26. "Total haemolytic complement (CH50) and its factors (C3 and C4) in the sera of the patients with premalignant and malignant lesions of oral cavity". **Ann Dent.** 48: 36-8, 1990.
27. "Serum levels of Iron and Proteins in **OSMF**". **Ann Dent** 49: 23-5; 1990.
28. "Serum levels of some trace and bulk elements in **Oral submucous fibrosis (OSMF)**". **J. Ind. Dent. Assoc.** 63: 151-5, 1992.
29. Prevalence of Oral precancerous lesions among 23040 urban population of the city of Trivandrum, South India". **Ind. J. Surg.** 54(10-11): 498-511; 1992.
30. "Light and electron microscope study of OSMF". **J. Ind. Dent. Ass.** 64: 157-61, 1993.
31. Silver-binding nucleolar organizer region proteins (AgNORs) as possible prognostic indicator in **Oral submucous fibrosis (OSMF)**. **Oral Surg. Oral Med Oral Pathol.** 74: 481-86, 1992.
32. Prevalence of **oral submucous fibrosis** among the inhabitants of the high natural radioactivity belt of Kerala, South India. **Bulletin World Health Org** 70(6): 783-89, 1992.
33. S-100 Immunostaining of mucosal Langerhans cells (dendritic) in **oral submucous fibrosis (OSMF)**. **J. Ind. Dent Assoc.** 1992, 63: 501-7.
34. Altered 'H' antigen reactivity associated with disordered proliferation and differentiation of oral Keratinocytes: a lectin histochemical study in **oral**

- submucous fibrosis.** Proceedings of the 3<sup>rd</sup> International Congress on Oral Cancer. Jan 22-25, 1993, Madras, India (Macmillan Co. India). Ed. A.K. Varma.
35. **Oral submucous fibrosis** : current understanding of its aetiology and pathogenesis, with suggestions for further research- Review article. **Bull World Health Org** 72 (6); 985-996; 1994.
  36. **Oral submucous fibrosis** : Challenges ahead. Proceedings of the 4<sup>th</sup> International Congress on Oral Cancer Vol. IVA- Applied. Sep. 1995, Ogaki City, Japan, p. 206-208. Macmillan India Ltd. N. Delhi. Ed. A.K. Varma.
  37. View Point – Potentially malignant oral mucosal states :  
Relevance of chemoprevention with Vitamin ‘A’ and its natural and synthetic derivatives (Retinoids)  
**J. Ind Dent Asso:** 69: 212-216, 1998
  38. **Oral submucous fibrosis** : A new treatment approach  
**J. Ind. Dent. Assoc.**69: 226-230, 1998
  39. Malignant transformation of odontogenic keratocyst:  
A case report  
**Ind. J. Oral Max Fac. Surg.** Vol.14(4) 24-28; 1999
  40. Visceral organ involvement is infrequent in **oral submucous fibrosis.**  
**Ind. J. Dent. Res.**2000; 12: (1) 7-20
  41. A Lump in the mouth  
**Lancet** 2001; 357: 852
  42. Further on the causation of **oral submucous fibrosis**  
**Ind. J Dent Res** 2002;13: 74-81.
  43. Desmoplastic ameloblastoma – A case report  
**J. Oral. Max Facial Surg.** 2002;60:1186-88
  44. Intestinal parasites and anaemic status in **oral submucous fibrosis**  
( In Press )
  45. Malignant melanoma of the oral cavity: Report of two cases with a brief review of literature. ( In Press )
  46. Liver ultrasound and faecal copper estimation in **oral submucous fibrosis.**  
**Ind J Dent Res** 2003;14:13-21.

47. Angiolymphoid hyperplasia with eosinophilia(ALHE): A case report(In Press)
48. Morphohistometric analysis of advancing tumor fronts in malignancies associated with **oral submucous fibrosis**.  
**Indian Journal of Dental Research 2003**; 14 (4): 194 – 205.
49. Microarrays: An advance in laboratory practice.  
Proceedings of the XIII<sup>th</sup> National Conference of Indian Association of Oral & Maxillofacial Pathologists – 19<sup>th</sup> – 21<sup>st</sup> November 2004 – Calicut, India.  
pp. 26 – 39.
50. Oral Lichen planus.  
**Journal of Indian Dental Association** (Central Kerala Br)  
2004; 13(5): 6 – 15.
51. Oral Leukoplakia (leukokeratosis): compilation of facts and figures.  
**J Oral Max Fac Path** 2004; 8 (2): 58 – 68.
52. Cell death does not herald epithelial involution (“atrophy”) in oral submucous fibrosis : a TEM study.  
**Ind J Dent Res** 2004; 15 (1): 13 – 19.
53. Familial occurrence of oral submucous fibrosis: report of 8 families from Northern Kerala, South India. (In press)
54. Characterization and quantification of mucosal vasculature in oral submucous fibrosis. (In Press)
55. Plexiform neurofibroma of the gingiva: report of a case (In press)
56. Undifferentiated carcinoma of the submandibular salivary gland with fulminant clinical behavior: report of a case. (In Press)

**COURSES ATTENDED:**

1. Course on Laboratory Animals for licensees and research workers. 9<sup>th</sup> May 1990, Royal College of Surgeons of England, London.
2. Course on the Molecular Genetics of Cancer, 26<sup>th</sup> September 1990, Royal College of Pathologists, London.
3. Course on In-Situ Hybridisation. 22<sup>nd</sup> –24<sup>th</sup> October 1990, Royal Postgraduate Medical School, Hammersmith Hospital, London.
4. Course on application of DNA technology to diagnostic pathology. 8<sup>th</sup> November 1990, Barbican Centre, London.
5. Loma Linda University: School of Medicine, Continuing Medical Education-Activity for 30.0hrs in category of the Physicians – recognition Award of the Award of the American Medical Association, December 2-5, 1991. Oral Cancer Research.
6. ICMR/ WHO workshop on Biomedical Communication, Pondicherry- 1<sup>st</sup> –5<sup>th</sup> June 1992.
7. Continuing Medical Education Programme on Molecular Oncology- Cancer Institute, Madras, India. 27<sup>th</sup> and 28<sup>th</sup> May, 1996.

**REFEREES:**

- 1. Dr. Ashok B. Kulkarni**  
Head – Functional Genomics Unit  
NIDCR, NIH, Bldg. 30, Rm 529  
30 Convent Dr,  
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