

As on 01.01.2018

## ***RESUME***



**Name:** **SANJOY KUMAR PAL**

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Sanskriti Co-operative Housing Soc. Ltd.  
Thakur Complex  
Kandivali East  
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Mumbai – 400101

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**Date of Birth:** July 7<sup>th</sup> 1965

### **Educational qualification:**

Qualification	University / Board	Subjects	Year	Class
Ph.D.	I.V.R.I.*	Major : Animal Genetics Minor : Biochemistry , Livestock Production & Management.	1993	3.29/4
M.Sc.	Barkatullah Univ., Bhopal	Genetics	1987	I
B.Sc.	Barkatullah University	Chemistry, Zoology, Aquaculture & Environment, English	1985	I

\* Indian Veterinary Research Institute, Izatnagar

### **Post-doctoral Training:**

- 2000 – 2006 Post doctoral research fellow, Department of Gastroenterology, Sanjay Gandhi Post-Graduate Institute of Medical Research, Lucknow 226014 (U. P.) India.
- 2000 – 2000 Post doctoral research fellow, Division of Embryotoxicology, Indian Institute For Toxicology Research (ITRC), Lucknow 226001 (U.P.) India.
- 1993 – 1994 Post doctoral research fellow, Department of Medical Genetics, Sanjay Gandhi Post Graduate Institute of Medical Research, Lucknow 226014 (U. P.) India.

### **Other Qualifications:**

- 2017 Diploma in Naturopathy from School of Ayurveda, Department of Yoga, D Y Patil University, Navi Mumbai
- 2010 Post-Graduate Program in Clinical Research from Protonix Research Services (P) Ltd., Hissar, Haryana, India.

<b>Professional Experience</b>		
<b>Position</b>	<b>Duration</b>	<b>Organization / Place</b>
Professor & Head	Aug 2017 – Dec 2017	School of Natural Sciences, CT University, Ludhiana, Punjab
Professor & Head	Jun 2016 - Jul 2017	Biotechnology, RNB Global University, Bikaner, Rajasthan
Professor - Visiting	Dec 2015 - Dec 2016	Dept. of Biotechnology, Arni University, Kathgarh, HP
Senior Scientist	Oct 2014 - Jun 2016	CACM, STEP, Indian Institute of Technology, Kharagpur
Assistant Professor	Oct 2010 - Jul 2014	School of Animal Sciences, Haramaya University, Ethiopia
Sr. Scientific Manager	Aug 2008 - Oct 2010	Ipca Traditional Remedies Private Limited, Mumbai
Lecturer	Aug 2006 - Jul 2008	SBS (PG) Institute of Biomedical Sciences & Research, Dehradun
Research Associate	Aug 2000 - Jul 2006	Sanjay Gandhi PG Institute of Medical Sciences, Lucknow
Research Associate	Mar 2000 - Aug 2000	Indian Institute of Toxicology Research (ITRC), Lucknow
Researcher	Jan 1998 - Feb 2000	Dr. Chatterjee's Clinic, Lake Town, Kolkata
Self Employed	Jan 1995 - Dec 1997	Indrapuri, Bhopal
Research Associate	Nov 1993 - May 1994	Sanjay Gandhi PG Institute of Medical Sciences, Lucknow
Research Associate	Jul 1992 - Oct 1992	Central Avian Research Institute, Izatnagar, Bareilly
Sr. Research Fellow	Sep 1987 - Jul 1992	Indian Veterinary Research Institute, Izatnagar, Bareilly

## **Work Details**

<b>Position</b>	<b>Professor &amp; Head of School (SNS &amp; SPAMS)</b>	
<b>Organization</b>	CT University, Ludhiana, Punjab	Web: <a href="http://ctuniversity.in/">http://ctuniversity.in/</a>
<b>Period</b>	From to August 2017 to December 2017	
<b>Responsibility</b>	I was the Head of School of Natural Sciences and School of Pharmacy and Allied Medical Sciences. I was also the Coordinator for the PhD program of the University.	
<b>Course taught</b>	Biotechnology, Project Writing	

<b>Position</b>	<b>Professor &amp; Head Biotechnology Department</b>	
<b>Organization</b>	RNB Global University, Bikaner, Rajasthan	Web: <a href="https://www.rnbglobal.edu.in/">https://www.rnbglobal.edu.in/</a>
<b>Period</b>	From June 2016 to July 2017	
<b>Responsibility</b>	Teaching of undergraduate students of Biotechnology and Botany department	
<b>Course taught</b>	Biotechnology, Environmental Sciences, Botany	

<b>Position</b>	<b>Senior Scientist</b>	
<b>Organization</b>	Centre for Advanced Communication & Management, STEP, IIT, Kharagpur	
<b>Period</b>	From October 2014 to June 2016	Web: <a href="http://www.skilljunction.in/">http://www.skilljunction.in/</a>
<b>Responsibility</b>	To make and update ISIL trainers training manual; To arrange in-house & onsite ISIL demonstration classes; Follow-up, both prospective & existing clients; To meet prospective buyers to sell the idea; To make creative write-up ready for CACM ISIL brochure, newsletter, advertisement; To make, maintain & update the video-bank of the demo classes; To assist on other duties assigned by CACM	

<b>Position</b>	<b>Assistant Professor, School of Animal Sciences</b>	
<b>Organization</b>	Haramaya University, Ethiopia	Web: <a href="http://www.haramaya.edu.et">www.haramaya.edu.et</a>
<b>Period</b>	From October 2010 to July 2014	
<b>Responsibility</b>	Teaching & research guidance of under and post graduate students of the School of Animal and Range Sciences, College of Agriculture & Environmental Sciences. Establishing of Molecular Biology Lab.	
<b>Course taught</b>	Genetics, Molecular Biology & Biotechnology, Bioinformatics	

<b>Position</b>	<b>Senior Scientific Manager</b>	
<b>Organization</b>	Ipca Traditional Remedies (P) Ltd., 142 AB, Kandivali Industrial Estate, Kandivali (West), Mumbai – 400067 Maharashtra, India	
<b>Period</b>	August 2008 to October 2010	Web: <a href="http://www.ipcalabs.com">www.ipcalabs.com</a>
<b>Responsibility</b>	Establishment and validation of protocols, monitoring of clinical trials, project writing, analysis interpretation and presentation of data, and coordinating between different functional groups. Reorientation teaching program for Ayurvedic doctors	

<b>Position</b>	<b>Lecturer, Department of Biotechnology</b>	
<b>Organization</b>	Sardar Bhagwan Singh Postgraduate Institute of Biomedical Sciences and Research, Balawala, Dehradun, Uttarakhand – 248 161.	
<b>Period</b>	August 2006 to July 2008	Web: <a href="http://www.sbspgi.edu.in">www.sbspgi.edu.in</a>
<b>Responsibility</b>	Teaching and research guidance to under and post-graduate students of Biotechnology and Medical Microbiology divisions.	
<b>Course taught</b>	Genetics, Cell & Molecular Biology and Biotechnology	

<b>Position</b>	<b>Research Associate</b>	
<b>Organization</b>	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	
<b>Place of Work</b>	Department of Gastroenterology	Web: <a href="http://www.sgpgi.ac.in">www.sgpgi.ac.in</a>
<b>From</b>	December 2005 – July 2006	
<b>Responsibility</b>	I received a project entitled: A pilot study to assess the popularity, effectiveness and adverse effects of various complementary and alternative medicines (CAM) tried by patients with advanced gastrointestinal tract malignancy in north India, sponsored by Indian Council of Medical Research (ICMR), New Delhi. Idea was to identify various CAM modalities. Lab analysis of the herbal / alternative medicines.	
<b>Mentor</b>	Prof. G Choudhuri	

<b>Position</b>	<b>Research Associate</b>	
<b>Organization</b>	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	
<b>Place of Work</b>	Department of Gastroenterology	Web: <a href="http://www.sgpgi.ac.in">www.sgpgi.ac.in</a>
<b>From</b>	September 2001 to November 2005	
<b>Responsibility</b>	I was post-doctoral fellow in the project: Multi-centric ICMR sponsored project, A double blinded randomised control trial of interferon with ribavirin and combination of interferon with glycyrrhizin in management of chronic hepatitis C, sponsored by I.C.M.R., New Delhi. My duty was clinical management of patients.	
<b>Mentor</b>	Prof. G Choudhuri	

<b>Position</b>	<b>Research Associate</b>	
<b>Organization</b>	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	
<b>Place of Work</b>	Department of Gastroenterology	Web: <a href="http://www.sgpgi.ac.in">www.sgpgi.ac.in</a>
<b>Period</b>	August 2000 to September 2001	
<b>Responsibility</b>	Post-doctoral fellow in project entitled: Study of the molecular events associated with carcinogenesis of gall bladder, sponsored by Lady Tata Memorial Trust, Mumbai. Studied on molecular genetic analysis of gall bladder cancer tissue.	
<b>Mentor</b>	Prof. G Choudhuri	

<b>Position</b>	<b>Research Associate</b>	
<b>Organization</b>	Indian Institute of Toxicology Research, Lucknow	Web: <a href="http://iitrindia.org/">http://iitrindia.org/</a>
<b>Place of Work</b>	Division of Embryotoxicology	
<b>Period</b>	March 2000 to August 2000	
<b>Responsibility</b>	Post-doctoral fellow in project entitled: Toxicity evaluation and application of standard genotoxicity test in the assessment of environmental pollution, sponsored by Department of Biotechnology, New Delhi.	
<b>Mentor</b>	Dr. D. Kar Chowdhuri	

<b>Position</b>	<b>Research Associate</b>	
<b>Organization</b>	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	
<b>Place of Work</b>	Department of Medical Genetics	Web: <a href="http://www.sbspgi.edu.in">www.sbspgi.edu.in</a>
<b>Period</b>	November 1993 to May 1994	
<b>Responsibility</b>	Post-doctoral fellow in project entitled: Feasibility of introducing genetic services among national family welfare programme, sponsored by I.C.M.R., New Delhi	
<b>Mentor</b>	Prof. S. S. Agarwal	

### Awards:

**Second Best Poster** award for the presentation entitled 'Bio-diesel: a promising eco-friendly alternative fuel.' Authors: G Singh Bedi, P Singh, D Ghosh, B Singh, **S K Pal** (Corresponding author). Presented in the National Conference on Microbial Diversity: Avenues and Applications, held at Sardar Bhagwan Singh Postgraduate Institute of Biomedical Sciences and Research (SBSPGI), Balawala, Dehradun from March 17 – 18, 2007.

**Best poster award** for the presentation entitled 'Long term outcome of chronic hepatitis C patients with sustained virological response after combination therapy.' Authors: G Bhatt, **S K Pal**, C S Baba, T S Negi, A Sharma, C Banerjee, G Choudhuri. Presented in the 46<sup>th</sup> Annual Conf. of Indian Society of Gastroenterology. Held at Visakhapatnam from November 11 – 15, 2005.

**Best poster award** for the presentation 'Study of mutation in K-ras oncogene in cytological smears obtained by the fine needle aspiration from gallbladder cancer.' By M K Singh, B Mittal, K Chetri, **S K Pal**, T S Negi, U B Pandey, V K Kapoor, S S Sikora and G Choudhuri. Presented in the 42<sup>nd</sup> Annual Conf. of Indian Society of Gastroenterology, Held at Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS), Lucknow from November 23 – 29, 2001.

### Projects Awarded:

**Post doctoral project** entitled, 'A pilot study to assess the popularity, effectiveness and adverse effects of various complementary and alternative medicines (CAM) tried by patients with advanced gastrointestinal tract malignancy in north India,' awarded by ICMR, New Delhi. 2005.

**Post doctoral project** entitled "Study of the molecular events associated with carcinogenesis of gall bladder," awarded by the 'Lady Tata Memorial Trust,' Mumbai. 2000.

### Professional Training :

- Participated in **International Workshop on 'DNA DIAGNOSTIC,'** at Department of Medical Genetics, SGPGIMS, Lucknow from January 15<sup>th</sup> to 22<sup>nd</sup> 1994.
- Attended workshop on **Flow Cytometry: Applications in drug development**, held in Central Drug Research Institute, Lucknow from January 8 – 10, 2004.
- **University course on 'Introduction to data processing and FORTRAN programming,'** at Indian Veterinary Research Institute ( I.V.R.I. ), Izatnagar.
- Undergone **training on 'Edible Mushroom Cultivation & Processing (MCP)'**, from Rural Development Centre, Indian Institute of Technology (IIT) Kharagpur, under MEGSAT program.
- Participated in Entrepreneurship Development Programme under PMRY training. Held in Maulana Azad College of Technology, Bhopal. From 23/12/95 to 15/01/96.

### Proficiency in Games & Sports :

- University (IVRI) champion in badminton singles and doubles from 1989 – 1991.
- Captain of the University (IVRI) badminton team in 1990.
- Represented the University team ( IVRI ) in the 'All India Veterinary College Badminton Tournament,' held at College of Veterinary Sciences, Pantnagar 1987.
- Runner's in boys singles in open badminton tournament organised by the S. E. Railway Sports Association, Kharagpur
- Represented C.A.R.I. Student Badminton team.
- Represented I.V.R.I. Students Kabaddi & Cricket team.

## Courses Handled

<b>CT University, Ludhiana</b>	
<b>PhD</b>	Workshop on Project Writing
<b>MSc</b>	Advanced Cell Biology, Molecular Biology & Biotechnology
<b>BSc</b>	Fundamentals of Cell Biology
<b>RNB Global University, Bikaner</b>	
<b>BSc</b>	Biotechnology & Family Welfare; Ecology & Biodiversity; Environmental Sciences
<b>Haramaya University, Dire Dawa, Ethiopia</b>	
<b>PhD</b>	Animal Genetic Resource Conservation & Management; Molecular Genetics; Bioinformatics; Seminar
<b>MSc</b>	Animal Genetic Resource & Conservation Animal Genetics; Biotechnology in Animal Breeding; Population Genetics; Current Topics in Animal Genetics & Breeding; Seminar
<b>BSc Courses</b>	Introduction to Animal Genetics; Animal Biotechnology
<b>SBS (PG) Institute of Biomedical Sciences &amp; Research, Dehradun, India</b>	
<b>MSc Courses</b>	Genetics & Molecular Biology; Recombinant DNA Technology
<b>BSc Courses</b>	Cell Biology; Molecular Biology; Biotechnology; Basic Immunology & Bioinformatics

## Details of Research Guidance

PhD. - 1 (Co-guide)  
 MSc. - 7 (As co-guide 1)  
 BSc. - 3

## PUBLICATIONS

Total Publications	70
In Peer Reviewed Journals	57
Abstract in Conferences & Symposium	93
Popular Articles in Magazine / News Papers	12

B Asmelash, S Diriba, **SK Pal**. Molecular markers based characterization and conservation of wild animals. *International Journal of Recent Sciences* 2017; 6(7): 53-62.

G Choudhuri, R Ojha, T S Negi, V Gupta, S Saxena, A Choudhuri, **SK Pal**, J Choudhuri, A Sangam. A school-based intervention of screening a movie to increase hepatitis B vaccination levels among students in Uttar Pradesh, India: impact on knowledge, awareness, attitudes and vaccination levels. *Hepatology, Medicine and Policy* 2017; 2:10.

**SK Pal**, SH Fatima. Prolongation of survival time of incurable terminal cancer patients with herbal medicines. *International Archives of Integrated Medicine* 2017; 4(6): 149-156.

H Nigussie, **SK Pal**, S Biriba, Y Mekasha, K Kebede, S Abegaz. Phenotypic variation and protein polymorphism of indigenous sheep breeds in eastern Ethiopia. *Livestock Research for Rural Development* 2016; 28 (8): <http://www.lrrd.org/lrrd28/8/nigu28139.html>

**SK Pal.** The Ayurvedic *Bhasma*: The ancient science of nanomedicine. *Recent Patents on Nanomedicine* 2015; 5(1): 12-18.

A Kalandar, SM Abdulie, **SK Pal**, K Arebo, GG Kassa. Breast Cancer Awareness and Practice of Breast Self-Examination among Female Medical Students in Haramaya University, Harar, Ethiopia. *International Journal of Interdisciplinary and Multidisciplinary Studies*; 2014; 2(2): 109-119. [Corresponding author]

**SK Pal**, YY Mummed. Investigation of haemoglobin polymorphism in Ogaden cattle. *Veterinary World* 2014; 7(4): 229-233.

VB Gunasekaran, T Vijay, A Kalandar, **SK Pal**. Teratogenic heroes – a review. *World Journal of Pharmacy and Pharmaceutical Sciences* 2014; 3(3): 72 – 83.

H Abraham, **SK Pal**. Animal biotechnology options in improving livestock production in the horn of Africa. *International Journal of Interdisciplinary and Multidisciplinary Studies* 2014; 1(3):1-8.

**SK Pal**, SH Fatima. Cancer treatment with the alternative herbal medicine HUMA: Two case reports. *Middle East Journal of Cancer* 2014; 5(1): 41-46.

**SK Pal**. Homeopathic approach for cancer treatment: My experience. *Journal of Alternative and Complementary Medicine* 2013; 19 (5): 478 - 479.

B Prakash, PM Parikh, **SK Pal**. Herbo-mineral ayurvedic treatment in a high risk acute promyelocytic leukemia patient with second relapse: 12 years follow up. *Journal of Ayurveda & Integrative Medicine* 2010; 1 (3): 215 – 218.

B Prakash, S Prakash, R Sharma, **SK Pal**. Sustainable effect of ayurvedic formulations in the treatment of nutritional anemia in adolescence students. *Journal of Alternative and Complementary Medicine* 2010; 16 (2): 205 - 211.

**SK Pal**. The role of herbal medicine in fight against HIV /AIDS and cancer. In proceedings of 2<sup>nd</sup> National Seminar on Evidence based & Integrative Medicine for Lymphatic Filariasis, other Chronic Dermatoses and HIV/AIDS 2007: 75 -76.

**SK Pal**. Cancer treatment with traditional herbal medicines. *Drug and Pharmaceuticals: Current R & D Highlights* 2006; 29 (2): 26 – 31.

**SK Pal**, G Choudhuri. Hepatitis C: The Indian Scenario. *Physician's Digest* 2005; 14 (2): 46- 53.

A Chatterjee. S Ganguly, **SK Pal**, A Chatterjee, G Mukhopadhyay, R S Bhakta. Attitudes of patients to alternative medicine for cancer treatment. *Asian Pacific Journal of Cancer Prevention* 2005; 6: 125-129. [Corresponding author]

Y Shukla, **SK Pal**. Dietary cancer chemoprevention: An overview. *International Journal of Human Genetics*. 2004; 4: 265-276.

**SK Pal**, B Mittal. Fight against cancer in countries with limited resources: the post genomic era scenario. *Asian Pacific Journal of Cancer Prevention* 2004; 5: 328 - 333.

**SK Pal**, B Mittal. Improving cancer care in India: prospects and challenges. *Asian Pacific Journal of Cancer Prevention* 2004; 5: 224 - 226.

Y Shukla, **SK Pal**. Complementary and alternative cancer therapies: past, present and the future scenario. *Asian Pacific Journal of Cancer Prevention* 2004; 5: 3 - 14.

**SK Pal**, Y Shukla. Herbal Medicine: Past present and the future. *Asian Pacific Journal of Cancer Prevention* 2003; 4: 281 – 288.

**SK Pal**, B Mittal. Importance of complementary and alternative therapies in palliative oncology in India. *Journal of Alternative and Complementary Medicine* 2003; 9: 811 - 812.

MK Singh, **SK Pal**, G Choudhuri. Importance of palliative care services for patients with gall bladder cancer. *Current Science* 2003; 85: 427 – 428.

**SK Pal**, GS Pandey, A Kesari, G Choudhuri, B Mittal. Fighting cancer in the information age: The role of Internet. *Indian Journal of Experimental Biology* 2003; 41: 189 – 200.

**SK Pal**, BS Chalamalasetty, G Choudhuri. Hepatitis C: A major health problem of India *Current Science* 2002; 83: 1058 - 1059.

**SK Pal**. Use of alternative cancer medicines in India. *Lancet Oncology* 2002; 3 (7): 394 – 395.

**SK Pal**, A Gomes, S C Dasgupta and A Gomes. Snake venom as therapeutic agent: From toxin to drug development. *Indian Journal of Experimental Biology* 2002; 40: 1353 - 1358.

**SK Pal**. Use of new cancer drugs in India. *Lancet Oncology* 2001; 2 (12): 716.

### **Book Chapters / Thesis / Compilations:**

2014 **SK Pal**. Food-based intervention for cancer management: An Ayurvedic perspective. In Rastogi S (Ed), *Ayurvedic Science of Food and Nutrition*, pp 81-106, Springer.  
<http://www.springer.com/food+science/book/978-1-4614-9627-4>

2009 Balendu Prakash and **SK Pal**. Cancer patients treated with ayurvedic therapy: 13 case reports. Compilation submitted for the Best Case Series Presentation to the Office of the Cancer Complementary and Alternative Medicine (OCCAM) / National Cancer Institute, Bethesda, MD, USA.

2005 **SK Pal** and S Hina Fatima. Evidence based herbal treatment for malignancy: The HUMA therapy. Published by the Huma Cancer Society, Lucknow.

2005 **SK Pal** and S Hina Fatima. Cancer patients treated with an alternative therapy HUMA: 20 case reports. Compilation submitted for the Best Case Series Presentation to the Office of the Cancer Complementary and Alternative Medicine (OCCAM) / National Cancer Institute, Bethesda, MD, USA.

2002 **SK Pal**. Reports of 15 patients treated with alternative cancer therapy Psorinum. Compilation submitted for the Best Case Series Presentation to the Office of the cancer Complementary and Alternative Medicine (OCCAM) / National Cancer Institute, Bethesda, MD, USA.

1999 AK Chatterjee, S K Dutta , RS Bhakta , A Mazumdar, G Mukherjee, S Ganguli S, PK Kundu, SP Dey Sarkar, BP Mukhapadhyia and **SK Pal**. Use of Psorinum in the treatment

of cancer. In Oral Cancer VI. Major General AK Verma (Ed), pp 297 - 300. Macmillan India Ltd.

1993 **SK Pal**. Genetic Characterization of indigenous guinea fowl (*Numida meleagris*) germplasm. Ph.D. Thesis approved by Indian Veterinary Research Institute, Izatnagar – 243 122 (U.P.), India.

## Abstracts:

**SK Pal**, SH Fatima. A study to evaluate the anti-cancer potential of an alternative poly herbal therapy HUMA in patients suffering from advance stage gastro-intestinal (GI) tract carcinoma. UICC World Cancer Congress August 27 – 31, 2008, Geneva, Switzerland.. UICC World Cancer Congress August 27 – 31, 2008, Geneva, Switzerland. PUB 208.

R Sharma, S Rastogi, L Kumar, D Ghosh, **SK Pal**, PS Bedi, B Singh. Investigation on the hepato-protective potential of Bhringraj in CCl<sub>4</sub> challenged Wister albino rats. In the abstract book of the Satellite Meeting conducted by the Society for Free Radical Research - India; February 11-12; Department of Biochemistry, AIIMS, New Delhi, India. 2008.

N Verma, SH Fatima, AB Pant, **SK Pal**. Preliminary in vitro cytotoxicity evaluation of an alternative herbal cancer medicine HUMA. In the proceedings of the 27<sup>th</sup> Annual convention of Indian Association for Cancer Research, held at Gujarat Cancer & Research Institute, Ahmedabad from February 7 – 9, 2008. PP- 30.

H Sankar, M Pandey, L Kumar, B Singh, RN Singh, PS Bedi, **SK Pal**, D Ghosh. *Ganoderma lucidum*: a mushroom with antioxidant and protective effect against carbon tetrachloride induced toxicity. In the proceedings of the 27<sup>th</sup> Annual convention of Indian Association for Cancer Research, held at Gujarat Cancer & Research Institute, Ahmedabad from February 7 – 9, 2008. PP - 33.

S Johri, B Singh, D Ghosh, **SK Pal**. Study of the antimicrobial properties of an alternative herbal cancer medicine HUMA. In the proceedings of the 27<sup>th</sup> Annual convention of Indian Association for Cancer Research, held at Gujarat Cancer & Research Institute, Ahmedabad from February 7 – 9, 2008. PP- 62.

S Rastogi, I Siddiquie, P Karanwal, D Ghosh, **SK Pal**, B Singh. Antioxidant and hepatoprotective effect of *Bauhinia purpurea* against carbon tetrachloride induced liver damage in rats. In Book of Abstract & Souvenir of the 2<sup>nd</sup> Uttarakhand State Science Congress, held at Kumaun University, Nainital from November 15 – 17, 2007.

**SK Pal**, SH Fatima. Effectiveness of Alternative Herbal Therapy in Treatment of Cancer: Our Experience with HUMA. In the proceedings of the Cancer Researcher and CAM Practitioners: Fostering Collaborations; Advancing the Science conference held at National Cancer Institute - National Institute of Health, Bethesda, Maryland, USA from October 22 – 23, 2007.

**SK Pal**, SH Fatima, D Khetan, M Chowdhury. Follow-up of 20 patients with Gastro-intestinal tract (GI) malignancy trying an alternative herbal therapy 'HUMA'. In proceedings of the 7<sup>th</sup> INCTR Annual Meeting held at Sao Paulo, Brazil, from March 2 - 4, 2007. Abstract No. 46

**SK Pal**. Problem faced by patients with advanced malignant disease trying an alternative cancer therapy. In proceedings of the 7<sup>th</sup> INCTR Annual Meeting held at Brazil from March 2 - 4, 2007. Abstract No. 47

**SK Pal** and SH Fatima. Oral Cancer treatment with poly herbal therapy HUMA. In abstract book of UICC World Cancer Congress 2006, held at Washington D.C. USA. 84: 69.

**SK Pal**, S Hina Fatima. HUMA a popular alternative cancer therapy in northern India. *Journal of Cancer Research and Therapeutics* 2006; 2: S23 (PP23).

SH Fatima, **SK Pal**. Palliative care with poly-herbal therapy 'HUMA': Report of 20 patients. Scientific Proceedings of XIII International Conference of Indian Association of Palliative Care. Held at Chennai from, February 10 – 12, 2006.



SH Fatima, **SK Pal**. Oral malignancy treatment with a popular alternative cancer therapy 'HUMA'. In the proceedings of the Oral Cancer Conference 2006 held at Regional Cancer Centre Trivundrum from January 27 –29, 2006.

**SK Pal**, SH Fatima. A survey of patients electing a popular alternative therapy 'HUMA' for cancer treatment. In proceedings of the 6<sup>th</sup> INCTR Annual Meeting held at Chennai from December 10 – 13, 2005.

### **Administrative & Organizing Activity**

- 2006 I was in-charge of the patient counseling centre in the Health Camp organized by SBSPGI at Balawala on December 03.
- 2007 Coordinator Hospitality Committee in the National Conference on Microbial Diversity: Avenues and Applications, held at SBSPGI, Balawala, Dehradun from March 17 – 18.
- 2007 Coordinated seminar by Dr. Harpreet Singh (Retd. Principal Scientist, Central Avian Research Institute, Izatnagar) at SBSPGI, Dehradun on October 09. Topic: Biotechnological and conventional genetic approaches for improvement of animal and poultry species.
- 2007 Gave lectures to the students of the division of Life Sciences, Physiotherapy, Pharmacy and Medical Lab Technology, SBSPGI on the importance of Hepatitis B vaccination and motivated them for the vaccination during the 2007 – 08 academic sessions.
- 2007 In-charge of the inter-house debate competition held on November 9, at the Seminar Hall of SBSPGI, Balawala, Dehradun.
- 2007 Event in-charge World AIDS Day program held on December 1, at SBSPGI, Balawala.
- 2007 Coordinated a seminar by Prof. Sumit Kar (Head, Department of Dermatology and Sexually Transmitted Diseases, Mahatma Gandhi Institute of Medical Sciences, Sevagram), at the Seminar Hall of SBSPGI on December 1. Topic: World AIDS 2007: You, Me, Us.
- 2008 In-charge venue arrangement committee of the 1<sup>st</sup> Sardar Gurcharan Singh Memorial All India Debate Competition, held at Sardar Bhagwan Singh PG Institute of Biomedical Sciences and Research, Balawala, Dehradun on February 26 -27.
- 2008 Biotechnology departmental seminar in-charge for the semester session January – June.
- 2008 Organising committee of the Public Seminar 'New Dimension in the Treatment of Migraine,' held at Indian Merchants' Chamber, Churchgate, Mumbai on November 20. Event sponsored by: Ipca Laboratories Limited, Mumbai.
- 2009 Coordinator of the Re-Orientation Training Program for Medical Professional, held at Ipca Laboratories Limited, Mumbai from March 26– 29.
- 2010 Chairperson [5] and internal reviewer [5] of M.Sc. thesis examination board of the School of Graduate Studies, Haramaya University, Dire Dawa.
- 2013 Internal reviewer for reviewing Animal Genetics & Breeding curriculum [Ph.D. course] for Haramaya University in Curricula Review National Workshop, held at Haramaya University, Dire Dawa on March 23-24.
- 2017 Coordinator of PhD program in CT University from August to December 2017.

**Review Assignments:**

Ad hoc reviewer for the following journals since 2000. Number in parenthesis indicates the number of times manuscript was reviewed for respective journals:

- CNS & Neurological Disorder – Drug Target (1)
- National Medicine Journal of India (1)
- International Journal of Medicine and Medical Sciences (2)
- Indian Journal of Experimental Biology (3)
- African Journal of Agricultural Research (4)
- Annals of Ayurvedic Medicine (3)
- International Journal of Medical Sciences and Biotechnology (2)

**References:**

<b>Prof. Balraj Mittal</b> <i>PhD.</i> Department of Biotechnology Babasaheb Bhimrao Ambedkar University Lucknow 226 025 (UP) India Email: bml_pgi@yahoo.com Cell:+91 9838114180	<b>Prof. Gour Choudhuri</b> <i>MD., DM.</i> Director & Head Dept. of Gastroenterology & Hepato-biliary Sciences Fortis Memorial Research Institute Opposite HUDA City Centre Metro Station, Sector 44, Gurgaon, Harayana 122002, India Email: choudhuri.gour@gmail.com Tel: +91 9650643222
<b>Prof. Sunil Saini</b> <i>MS ( Surgery), FUICC</i> Director Cancer Research Institute Swami Rama Himalayan University PO: Doiwala, Dehradun Uttarakhand 248140 India  M - 09412318966, off-0135-2471190	<b>Dr. Akanchha Kesari</b> , <i>PhD.</i> Director–Molecular Genetic Laboratory Miami Genetics Laboratory, Miami Children's Hospital 3196 SW 62 <sup>nd</sup> Ave, 2nd Floor, Room No: 244 Miami, Florida. 33155 USA  Tel Office: 305-662-8326 Email: Akanchha.Kesari@mch.com
<b>Dr. Yesihak Yusuf Mammed</b> Academic and Research Vice President Oda Bultum University Ethiopia Email: yesihakyus@gmail.com Cell: +251 930313006 Fax: +251 255510040	<b>Prof. Syed Akhtar Husain</b> <i>PhD.</i> Professor and Head Department of Biotechnology Jamia Millia Islamia New Delhi-110025 Email: akhtarhusain2000@yahoo.com Cell: +91 9818298707


**Personal Information**

I am married and have a daughter. My wife Sanghita is a school teacher in Ryan International School, Kandivali, Mumbai. I have one brother (Sandip) and a sister (Samita), both younger to me. My father Dr. D. N. Pal is a dermatologist. He retired as D.M.O. from South Eastern Railway Hospital, Kharagpur. My father-in-law Mr. Brojen Das was a legendary sports personality. He was the first Asian to cross the 'English Channel.' He was awarded the title 'King of Channel' in 1968 for crossing the channel 6 times with 2 world records (www.brojendas.com). One of my brothers-in-law, Dr. Sumit Kar is Professor and head, Department of Dermatology, Mahatma Gandhi Institute of Medical Sciences, Sewagram.

**Category :** General

**Height :** 1.65 meters **Weight :** 70 Kg. **Eye colour :** Brown **Blood Group :** B+ **Non Smoker**

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