

## CURRICULUM VITAE

### Syed Qadri S.Y.H.

M.V.Sc.(Path), DICVP, CLAS (The Netherlands) FELASA "C"

[ssyhq@yahoo.com](mailto:ssyhq@yahoo.com)

Tel: 040-27197201 (O), Mob. 9849518510

#### EMPLOYMENT:

- |                   |   |
|-------------------|---|
| 2020 – Continuing | Scientist 'F' (Senior Deputy Director and Head of the Department). ICMR-NIN Animal Facility<br>Dept. of Health Research,<br>Ministry of Health & Family Welfare, Govt. of India,<br>Hyderabad – 500 007   |
| 2019 – 2020       | Scientist 'F' (Senior Deputy Director)<br>ICMR-NARFBR<br>Dept. of Health Research,<br>Ministry of Health & Family Welfare, Govt. of India,<br>Hyderabad – 500 007   |
| 2015 – 2019       | Scientist 'E' (Deputy Director – Veterinary Pathologist)<br>National Centre for Laboratory Animal Sciences,<br>National Institute of Nutrition (ICMR)<br>Dept. of Health Research,<br>Ministry of Health & Family Welfare, Govt. of India,<br>Hyderabad – 500 007               |
| 2014 – 2015       | Scientist 'E' (Deputy Director – Veterinary Pathologist)<br>Pathology Division,<br>National Institute of Nutrition (ICMR)<br>Dept. of Health Research,<br>Ministry of Health & Family Welfare, Govt. of India,<br>Hyderabad – 500 007   |
| 2009 – 2014       | Scientist 'D' (Veterinary Pathologist)<br>Pathology Division & Center for Advanced Research in<br>Preclinical Toxicology,<br>National Institute of Nutrition (ICMR)<br>Dept. of Health Research,<br>Ministry of Health & Family Welfare, Govt. of India,<br>Hyderabad – 500 007 |
| 2004 - 2009       | Scientist 'C' (Veterinary Pathologist)<br>Pathology Division & Center for Advanced Research in<br>Preclinical Toxicology,<br>National Institute of Nutrition (ICMR)<br>Dept. of Health Research,  |

Ministry of Health & Family Welfare, Govt. of India,  
Hyderabad – 500 007

- 2003-2004      Research Officer  
Pathology Division  
National Institute of Nutrition (ICMR)  
Hyderabad – 500 007
- 2001-2003      Expert Consultant (On deputation)  
Committee for the Purpose of Control and Supervision of  
Experiments on Animals (CPCSEA), Ministry of  
Environment & Forests, Government of India, New Delhi.
- 1998-2000      Research Officer  
Pathology Division  
National Institute of Nutrition (ICMR)  
Hyderabad – 500 007
- 1991-1997      Research Officer (DBT Project)  
(Veterinary Pathologist)  
Pathology Unit  
National Center for Laboratory Animal Sciences  
National Institute of Nutrition (ICMR)  
Hyderabad -500 007.
- 1988-1991      Asst. Research Officer (Veterinarian & Veterinary  
Pathologist), Pathology Unit  
National Center for Laboratory Animal Sciences  
National Institute of Nutrition (ICMR),  
Hyderabad-500 007.

## **EDUCATION:**

- 1985-1987      Master of Veterinary Sciences (Pathology) M.V.Sc.  
**Gold Medal**  
A.P. Agricultural University  
Rajendranagar, Hyderabad.
- 1979-1985      Bachelor of Veterinary Sciences & Animal Husbandry  
B.V.Sc. & A.H.  
A.P. Agricultural University  
Rajendranagar, Hyderabad.
- 1977-1979      Intermediate  
Board of Intermediate Education  
Government of Andhra Pradesh, Hyderabad.

## **SPECIALITY BOARDS:**

November 2008	<b>Diplomate</b> , Indian College of Veterinary Pathologists, Indian Veterinary Research Institute, Izatnagar, Bareilly, U.P.
June 2002	CLAS (Certificate in Laboratory Animal Sciences) University of Utrecht, Utrecht, The Netherlands. Course meets requirements of Section 2 of the Experiments on Animals Decree 1985 European Union and the <b>FELASA Level 'C'</b> , (Federation of European Laboratory Animal Science Associations)

## **AWARDS AND RECOGNITION:**

- **“GOLD MEDAL”** for securing the highest marks in M.V.Sc. (Pathology), 1987, in the Andhra Pradesh Agricultural University, Hyderabad.
- **“YOUNG SCIENTIST AWARD IN VETERINARY PATHOLOGY”**, 1995 by the Indian Association of Veterinary Pathologists.
- Awarded the **“BHAGWAN MAHAVEER VISHWA SADHBHAVANA PURASKAR-1999”**, for Environment and Animal Protection by the Mahaveer Sangh Andhra Pradesh.
- Member of the Committee for International Guidelines on **“Threat of Extremism to Medical Research”** of the **FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY (FASEB)**, June 11-12, 2012, Bethesda, Maryland, USA.
- **Member of the Strategic Planning Committee of the Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC)**, April 2013, MD, USA.
- **Visiting Scientist – National Jewish Hospitals, Denver, USA.** 13<sup>th</sup> - 21<sup>st</sup> June 2012.
- **Visiting Scientist – Oklahoma Medical Research Foundation, Oklahoma, USA.** 13<sup>th</sup> – 25<sup>th</sup> April 2013.

## **SPECIAL TRAININGS/WORKSHOPS:**

- Training Program on **“Science and Technology for Rural Societies”**, Sponsored by the Department of Science and Technology, Government of India, November 7 – 11, 2016 at Indian Institute of Public Administration, New Delhi.

- Program on “Science Administration and Research management”, Sponsored by Department of Science & Technology, government of India, October 17-28, 2016, Administrative Staff College of India, Bella Vista, Hyderabad.
- 1<sup>st</sup> Annual Course in Toxicologic Pathology, organized by the Charles Louis Davis, D.V.M. Foundation USA and Society for Toxicologic pathology in India, 13-15 March, 2008, Pune.
- Descriptive Gross and Microscopic Veterinary Pathology in Necropsy and Biopsy, CL Davis Foundation, USA at IVRI, Izatnagar, Bareilly, 10-12 November 2008.
- WHO/TDR sponsored GCLP workshop, 27-30 May 2008 at RMRIMS (ICMR) Patna, Bihar.
- International Workshop on Toxicology towards Diplomate of American Board of Toxicology (DABT), 8-12 October, 2007, Veterinary College Hebbal and Advinus Therapeutics Pvt. Ltd. Bangalore.
- Good Laboratory Practices in Animal Toxicity and Pathology Studies, 19 Jan, 2007, IIBAT, Chennai.
- Current trends in Toxicologic Pathology in India & Continuing Professional Development (CPD) seminar of the British Society of Toxicological Pathologists, 25-27 August, 2006.
- ‘Principles of histological basis of gross pathology of CL Davis Foundation of USA’, and XXII Annual convention of Indian Association of Veterinary Pathologists, November 25-27, 2005 organized by Krantisinh Nana Patil College of Veterinary Science, Shirval, Maharashtra.
- GLP in Risk Assessment of Crop Protection Chemicals, Biotech Products and Drugs and Pharmaceuticals, 11 March, 2006, IIBAT, Chennai.
- Animal Welfare - Royal Society for Prevention of Cruelty to Animals, United Kingdom and the Animal Welfare Board of India, Ministry of Environment & Forests, Government of India, Chennai in 1992.

### **VETERINARY LICENCE:**

Veterinary Council of India - VCI Registration No. 000314

Telangana State Veterinary Council - TSVC Registration No. 01237/2017: Valid up to 2027

### **CURRENT APPOINTMENTS:**

- ❖ Member Strategic Planning Committee of American Associations for Accreditation of Laboratory Animal Care International, USA.
- ❖ Special Invited Guest to the American College of Laboratory Animal Medicine (ACLAM) Annual Convention, April 2013 at Williamsburg, Virginia, USA.
- ❖ Visiting Scientist, Oklahoma Medical Research Foundation, Oklahoma, USA, April 2013.
- ❖ Visiting Scientist, National Jewish Hospitals, Denver, USA, June 2012.
- ❖ Secretary General, Laboratory Animal Scientist's Association of India.
- ❖ Executive Member, Indian College of Veterinary Pathologists.
- ❖ Executive Member, National Institute of Nutrition Scientists Association.

- ❖ Archiving Officer, Center for Advanced Research in Preclinical Toxicology, NIN, Hyderabad.
- ❖ Executive Member, Asian Federation of Laboratory Animal Sciences, Japan.

#### **PREVIOUS APPOINTMENTS:**

- ❖ Founder and Secretary, Laboratory Animal Scientist's Association of India, 2004-
- ❖ Founding Father, Indian College of Veterinary Pathologists, IVRI, Izatnagar, Bareilly, - 2008
- ❖ Secretary, Large Animal Subcommittee, CPCSEA, Ministry of Environment & Forests, Government of India.
- ❖ Member, Subcommittee on Alternative to Animal Experiments, CPCSEA, Ministry of Environment & Forests, Government of India.
- ❖ Honorary Animal Welfare Officer of the Animal Welfare Board of India, Ministry of Environment & Forests, Government of India 1992 – 1998.
- ❖ Founder and Vice President, People for Animals, Hyderabad and Secunderabad - 1998
- ❖ Founder and Joint Secretary, Society for Prevention of Cruelty to Animals, Hyderabad and Secunderabad – 1994
- ❖ Member of Expert Group for preparation of Detailed Project Report (DPR) Document for establishing National Institutes for Research in Ayurveda, Department of Ayush, Ministry of Health & Family Welfare, Government of India.
- ❖ Joint Secretary of the Indian Association of Veterinary Pathologists.
- ❖ Executive Committee member of the Indian College of Veterinary Pathologists.
- ❖ Examination Committee member of the Indian College of Veterinary Pathologists.
- ❖ Member of the Board of Studies for Science (Zoology) in the Yogi Vemana University, Kadapa.
- ❖ CPCSEA Nominated member of Institutional Animal Ethics Committee's of over a dozen institutions.
- ❖ Member of IAEC of about 9 Institutions.

#### **SOCIETIES/MEMBERSHIPS:**

- Registered member of the Veterinary Council of India.
- Registered member of the A.P. Veterinary Council.
- Indian Veterinary Association.
- Founding Father and Chartered Member of the Indian College of Veterinary Pathologist, IVRI, Izatnagar.
- Indian Association of Veterinary Pathologists.
- Registered Life member of Society for Toxicologic Pathologists in India.
- Founder and Gen. Secretary – All India 'Laboratory Animal Scientist's Association'.
- Founder and General Secretary – All India "Laboratory Animal Veterinarians Association".

**TEACHING EXPERIENCE:** Faculty member of the following programs since last 36 years;

- Founder and Faculty of the FELASA Training program for Veterinarians at TANUVAS, Chennai.
- Founder and Faculty of the FELASA Training program for Non-Veterinarians at TANUVAS, Chennai.
- Laboratory Animal Technicians Training Program, ICMR-NIN, Hyd.
- Faculty for Training of Veterinarians for entrepreneurship development, MANAGE, National Institute of Agricultural Extension Management, Ministry of Agriculture and Farmers Welfare, Gol.,
- Laboratory Animal Supervisors Training Program, ICMR-NIN, Hyd.
- Endocrinological Techniques and their Application, ICMR-NIN, Hyd.
- Trainers Training Program, AWBI.
- Nominees Training program, CPCSEA.

#### **REVIEW OF EXTERNAL PROJECT REPORTS:**

1. “Recombinant Insulin-Glargine” (conducted at Advinus Therapeutics Pvt. Ltd. Bangalore). BIOCON Limited, Bangalore.
2. Biosafety studies with *B.t.* cotton carrying *cry1C* Gene, Event MLS9124 Metahelix Life Sciences Private Limited, Bangalore.
3. PEG-GCSF Toxicity Study – Dr. Reddy’s Laboratories Ltd. Hyderabad.
4. Nesiritide Pre-clinical Toxicity Study, IIT, Pune.

#### **PUBLICATIONS:**

1. **Qadri S.S.Y.H.** (1990) Pathology of Laboratory Animals. LAISC Newsletter. Vol. 23. pp. 1-8.
2. Vijayalaxmi R., **S.S.Y.H. Qadri** and Deosthale, Y., (1991). Effect of Eugenol on gastric functions in rats. Journal of Clinical Biochemistry and Nutrition. 10, 161-169.
3. **Qadri S.S.Y.H.**, Suresh P. (1992) Cervical lymphadenitis in Guinea pigs. Laboratory Animals India, April. Vol. 1, No. 3., p-35-37.
4. **Qadri S.S.Y.H.**, Sesikeran B., (1992). Spontaneous fibrous histiocytoma in Sprague Dawley rats. Laboratory Animals India. Vol. 1., No. 4., pp. 36-40.
5. Hemalatha P., Bhaskaram P., **S.S.Y.H. Qadri** and Ajeya Kumar P., (1993). Assessment of mild Zinc deficiency in children. Nutrition Research. 13 (20) 115-122.

6. D. Sreeramulu., **S.S.Y.H. Qadri.**, K. Madhavan Nair., and B. Siva Kumar., (1994). Original paper: Induction of dietary Iron deficiency in Rhesus monkeys: Sequential changes in serum ferritin and other biochemical indicators of Iron status. *Annals of Nutrition and Metabolism* 38: 322- 330.
7. Shiva prakash M., **Qadri S.S.Y.H.** and Suresh P., (1995). Incidence and management of *Taenia taeniformis* (liver cyst) infestation in Laboratory rats. *Laboratory Animals India*, July, Vol. 5., No.2.
8. D. Sreeramulu., K. Madhavan Nair., **S.S.Y.H. Qadri** and B. Siva Kumar., (1997). Changes in biochemical indicators of iron status during iron repletion and depletion in monkeys. *Annals of Nutrition and Metabolism* 41: 126-136.
9. S. Chennaiah., **S.S.Y.H. Qadri.**, S.V. Rama Rao., G. Shyamsunder and N. Raghuramulu (2004) *Cestrum diurnum* leaf as a source of 1,25(OH)<sub>2</sub> Vitamin D<sub>3</sub> improves egg shell thickness. *Journal of Steroid Biochemistry & Molecular Biology* (Elsevier, Belgium) 89-90, pp 589-594. (I.F. 2.715).
10. **S.S.Y.H. Qadri**, P. Uday Kumar and B. Sesikeran. (2005) Spontaneous pathological lesions of liver and lungs in Preclinical Toxicology Evaluation studies. *Indian Journal of Veterinary Pathology*. 29(2): 102-105.
11. Sesikeran B and **Syed S.Y.H. Qadri.** Establishing quality systems in nutrition research and nutrition programs – a critical component in capacity building. **Proceedings International Symposium on Building Leadership skills in Food and Nutrition, Essential for National Development. CFTRI, Mysore (India), June 23-25, 2006.**
12. S. Chennaiah, **S.S.Y.H. Qadri**, C.V.K. Reddy, S.V. Rama Rao, G. Shyamasunder, N. Raghuramulu (2007). Incorporation of *Cestrum diurnum* leaf improves intestinal Ca transport in broilers. *Journal of Steroid Biochemistry and Molecular Biology* (Elsevier, Belgium) 103, pp. 645-650. (I.F. 2.715).
13. R. Hemalatha, B.A. Ramalakshmi, **S.S.Y.H. Qadri**, N. Balakrishna, V.V. Annapurna and B. Sesikeran. Intrauterine Growth Restriction in Term Women with Histologic Chorioamnionitis. **Research Journal of Obstetrics and Gynaecology** 1 (1): 18-24, 2008.
14. Bhaskarachary Kandlakunta, Ramulu Punna, Udayasekhararao Paruchuri, Bapurao Sangras, Kamala Krishnaswamy, **Syed Qadri**, Uday Kumar Putcha and Sesikeran Boindala. Nutritional and toxicological evaluation of wheat grown on soils with or without fly ash treatment. **Journal of Food Science and Agriculture** 2009; 89: 384-389.
15. Sakamuri SS Vara Prasad, Sahn mugam S Jeya Kumar, Putcha Uday Kumar, **Syed SYH Qadri**, Ayyalasomayajula Vajreswari. Dietary fatty acid composition alters 11 $\beta$ -hydroxysteroid dehydrogenase type 1 gene expression in rat retroperitoneal white adipose tissue. **Lipids in health and disease** 2010, 9:111.

16. JJ Babu, **Qadri SSYH**, Sesikeran B. Maternal Nutrition in Early Pregnancy Effects Placental Development. **International Journal of Medicine and Public Health**, 2011, Vol.1, Issue 2.
17. Longvah T, **Qadri SSYH**, Manghtya K, Ramulu P. Compositional, Nutritional, and Toxicological Evaluation of Eri-silk worm (*Samia ricinii*) prepupae and pupae. **Journal of Agricultural Food Chem. Publication No. 10-1-LON-JAFC-27-6**, 2010
18. Thingnganing Longvah, Korra Manghtya and **Syed SYH Qadri**. Eri silkworm: a source of edible oil with a high content of  $\alpha$ -linolenic acid and of significant nutritional value. **Journal of Food Science Agriculture (2012)**, 92: (9): 1988-93.
19. Bhaskarachary Kandlakunta, Ramulu Punna, Udayasekhararao Paruchuri, Bapurao Sangras, Kamala Krishnaswamy, **Syed Qadri**, Uday Kumar Putcha and Sesikeran Boindala. Chemical composition, nutritional and toxicological evaluation of (*oryza sativa*) grown in Fly Ash amended soils. **Journal of the Science of Food and Agriculture (2012)**, 92: Issue 13, 2721-2726.
20. "Exploring Antiurolithic Effects of Gokshuradi Polyherbal Ayurvedic Formulation in Ethylene Glycol Induced Urolithic Rats." *Amol L Shirfule, Venkatesh Racharla, SSYH Qadri and Arjun L Khandare\**. **Evidence-Based Complementary and Alternative Medicine**. Volume 2013, Article ID 763720, 9 pages <http://dx.doi.org/10.1155/2013/763720> [Hindwi Publications, Impact factor- 4.778]
21. Use of Propofol and Xylazine combination for use in Small Animal Densitometry – B. Kala Kumar, **S.S.Y.H. Qadri**, B. Vikram Kumar and A. Gopala Reddy., **Indian Veterinary Journal**, June 2013, 90 (6): 106-107.
22. Vitamin D deficiency induced muscle wasting occurs through the ubiquitin proteasome pathway and is partially corrected by calcium in male rats", Ayesha Ismail, Mehraj, Kalamkoti, **Qadri SSYH**, Seshacharyulu, M. **Endocrinology**, 2013.154(11): 4018-4029.
23. Bhaskarachary, K., Ramulu, P., Udayasekhararao, P., Bapurao, S., Kamala Krishnaswamy., **Qadri, S.S.Y.H.**, Udaykumar, P. and Sesikeran, B. Chemical composition, nutritional and toxicological evaluation of peanut (*Arachis hypogea*) grown in fly ash amended soils. **Indian Journal of Nutrition and Dietetics**, Vol. 51, 2014, 11-23.
24. Vitamin D deficiency decreases adiposity in rats and causes altered expression of uncoupling proteins and steroid receptor coactivator3. Mehrajuddin Bhat, Bindu Noolu, **Qadri SSYH** and Ayesha Ismail, **Journal of Steroid Biochemistry & Molecular Biology** 144(2014) 304-312.

25. Prakash Tiwari, Satya Sahay, Manuraj Pandey, **Syed S.Y.H. Qadri** and Krishna P. Gupta. Combinatorial chemopreventive effect of butyric acid, nicotinamide and calcium glucarate against the 7,12-dimethylbenz(a) anthracene induced mouse skin tumorigenesis attained by enhancing the induction of intrinsic apoptotic events. **Chemico-Biological Interactions** 2015, Vol 26, pp 1-11.
26. Prakash Tiwari, Satya Sahay, Manuraj Pandey, **Syed S.Y.H. Qadri** and Krishna Gupta. Preventive effects of butyric acid, nicotinamide, calcium glucarate alone or in combination during the 7, 12-dimethylbenz (a) anthracene induced mouse skin tumorigenesis via modulation of K-Ras-PI3K-AKT pathway and associated micro RNAs. **Biochimie**, 121 (2016) 112-122.
27. B. Kalakumar, A. Gopal Reddy, A. Vamsi Krishna, **S.S.Y.H. Qadri** and P. Siva Kumar. Developmental neurotoxicity of monocrotophos and lead is linked to thyroid disruption. **Veterinary World**, EISSN: 2231-0916.
28. Noolu B, Gogulothu R, Bhat M, **Qadri SS**, Sudhakar Reddy V, Bhanuprakash Reddy G, Ismail A. In Vivo Inhibition of Proteasome Activity and Tumour Growth by *Murraya koenigii* Leaf Extract in Breast Cancer Xenografts and by its active flavonoids in breast cancer cells. **Anti-Cancer Agents in Medicinal Chemistry**, 2016, 16, 1605-1614
29. **Syed SYH Qadri** and Subbaraya G. Ramachandra. 2018 *Laws, Regulations, and Guidelines Governing Research Animal Care and Use in India –*, Laboratory Animals – Regulations and Recommendations for the Care and Use of Animals in Research, Editor: Javier Guillen. Second Edition, Academic Press (Elsevier) UK. pp. 237 – 259.
30. Najeeb Khan M, Touheed Ahmed S, Waheed M.A., Viqar Uzma, Yousuf Ali Mir, Tariq S, **S.S.Y.H. Qadri**, Shaffin Azra, Naseeb Fouzia, Zehra Amtu, Rasheed N.M.A and Parveen N. *In vitro evaluation of antioxidant potential and in vivo studies for preclinical toxicity with hepatoprotective activity of safoof –e-akseer-e-jigar*. 2017 : in World Journal of Pharmacy and Pharmaceutical Sciences. Vol.6, Issue 8, pp 2203 -2219.
31. N. Harishankar, Kallamadi Prathap Reddy, **Qadri S.S.Y.H.**, Satyavania M. Satyavania, Satyanarayana K, Gangaraju m, Dinesh Kumar Bharatraj, Uday Kumar Putcha, Pothani Suresh *Restoration of reproductive potential by Ficus racemosa bark extraction in WNIN/GR-Ob rats -Role of hesperidin and chlorogenic phenolic compounds*. Accepted for publication In Journal of Ethnopharmacology , 2018.
32. Hridayesh Prakash, Vinod nadella; Rajiv ranjan; Senthilkumaran Balasubramanian ; **SSYH QADRI**; Suresh Pothani; Ajay K Singh; Manju Gupta; Podophyllotoxin and Rutin polarize M1 (iNOS+) macrophages and mitigate Lethal Radiation induced inflammatory responses in mice. Accepted for Publication International Immunopharmacology, 2018

33. Mohd, Shujauddin R, Hemalatha **SSYH, Qadri, V.V.**, Annapurna  
Semi synthetic diet versus diet using natural ingredients - Comparative study in female Golden Syrian hamsters. *Journal of Animal Physiology and Animal Nutrition*. 08-Nov-2018 Under Print.
34. Kid as an animal model for neurolathyrism. Arjun Khandare, PhD; Kalakumar B; **SSYH Qadri**; Surya S. Singh; Vakdevi Validandi; Venkaiah Kodali.  
*Experimental Brain Research*. 2018
35. Obesity-alleviating capabilities of *Acalypha indica*, *Pergularia indica* and *Tinospora cordifolia* leaves methanolic extracts in WNIN/GR-Ob rats: Ravindar Naik Ramavat., Sailaja Pothana, Nemani Harishankar, Suresh Pothani, Satyavani Motha, Srinivas Myadara, Brahmanaidu Parim, **Qadri SSYH**.  
*Journal of Nutrition & Intermediary Metabolism* 2018
36. An innovative method of nonclinical efficacy and toxicological evaluation of recombinant *Salmonella typhi* Ty21a expressing HPV16 and 18 L1 proteins Yathapu Srinivasa Reddy, K. Narendra Babu, S.S.Y.H. Qadri, M.V. Surekha, B. Dinesh Kumar 2021, pp 1-13. *Method X*. Elsevier Press.  
Journal homepage: [www.elsevier.com/locate/mex](http://www.elsevier.com/locate/mex)  
(<https://doi.org/10.1016/j.mex.2021.101219> 2215-0161/© 2021 The Author(s). Published by Elsevier B.V. This is an open access article under the CC BY license (<http://creativecommons.org/licenses/by/4.0/>))
37. Toxicological data of rats and rabbits Sub-chronic testing of recombinant HPV vaccine through oral and intranasal routes. Y. Srinivas Reddy, K. Narendra Babu, P. Uday Kumar, SSYH Qadri, M.V. Surekha, B. Dinesh Kumar. 2021. Pp 1-48. *Data Article, Data in Brief*. Elsevier Press. journal homepage: [www.elsevier.com/locate/dib](http://www.elsevier.com/locate/dib) (<https://doi.org/10.1016/j.dib.2021.107100> 2352-3409/© 2021 The Authors. Published by Elsevier Inc. This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>))
38. Pharmacological properties of *durva swaras* (*Cynodon dactylon* L. Pers.) in an ovariectomised rat model mimicking chronic menopausal syndrome Vandana Singh, Anita Singh, Syed Shah Yousuf Hussain Quadri, MV Surekha, Jerald Mahesh, Bhaskar Rao, Nemani Harishankar, Bharatraj Dinesh Kumar 2021. Pp 1-13. *Biomedicine & Pharmacotherapy*. Elsevier Press. Journal homepage: [www.elsevier.com/locate/biopha](http://www.elsevier.com/locate/biopha)  
(<https://doi.org/10.1016/j.biopha.2021.111976> Received 1 May 2021; Received in revised form 22 July 2021; Accepted 26 July 2021 Available online 2 August 2021 0753-3322/© 2021 The Authors. Published by Elsevier Masson SAS. This is an open access article under the CC BY license).
39. Fructooligosaccharide ameliorates high-fat induced intrauterine inflammation and improves lipid profile in the hamster offspring Shujauddin Mohammed, Syed Shah Yousuf Qadri, Irfan Ahmad Mir, Narendra Babu Kondapalli, Sanjay Basak, Hemalatha Rajkumar. 2022. *Journal of Nutritional Biochemistry* 101 (2022) 108925. Pp 1-10. Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

40. Gestational low dietary protein induces intrauterine inflammation and alters the programming of adiposity & insulin sensitivity in the adult offspring Shujaiddin Mohammed, Syed Shah Yousuf Hussain Qadri , Archana Molangiri , Sanjay Basak\* , Hemalatha Rajkumar\*. The Journal of Nutritional Biochemistry. The Journal of Nutritional Biochemistry, Volume 116, , June 2023, 109330 <https://doi.org/10.1016/j.jnutbio.2023.109330>
  
41. EVALUATION OF SUPEROXIDE DISMUTASE LEVELS IN RODENT VISCERAL ORGANS AND TISSUES AFTER FEEDING A DIET FORTIFIED WITH CHILLI FOR THREE MONTHS Korra Mangthya\*, Pradeep B. Patil1\* , R. Ananthan# , K. Subash# , T Longvah# , SSYH Qadri\*; ISSN (Online): 2455-3662 EPRA International Journal of Multidisciplinary Research (IJMR) - Peer Reviewed Journal Volume: 8| Issue: 8| August 2022|| Journal DOI: 10.36713/epra2013 || SJIF Impact Factor 2022: 8.205 || ISI Value: 1.188
  
42. EFFECT OF 3 MONTHS-FEEDING OF A POWDER DIET FORTIFIED WITH CHILLI (GUNTUR, BIRD'S EYE, AND NAGA KING) ON SUPEROXIDE DISMUTASE LEVELS IN SD RAT Korra Mangthya\* , Pradeep B. Patil1\* , R. Ananthan# , K. Subash# , T Longvah# , SSYH Qadri\*; ISSN (Online): 2455-3662 EPRA International Journal of Multidisciplinary Research (IJMR) - Peer Reviewed Journal Volume: 8| Issue: 7| July 2022|| Journal DOI: 10.36713/epra2013 || SJIF Impact Factor 2022: 8.205 || ISI Value: 1.188
  
43. Effect of ethyl gallate and propyl gallate on dextran sulfate sodium (DSS)-induced ulcerative colitis in C57BL/6 J mice: preventive and protective. Priyanka Raju Chougule , Rajendra Sangaraju , Pradeep B Patil , S S Y H Qadri , Virendra V Panpatil , Sudip Ghosh , Sathish Kumar Mungamuri , Manjula Bhanoori , Sukesh Narayan Sinha; Inflammopharmacology; 2023 Aug;31(4):2103-2120. doi: 10.1007/s10787-023-01254-5. Epub 2023 Jun 2. PMID: 37266812 DOI: 10.1007/s10787-023-01254-5
  
44. Gut microbe characterization of mutant substrains of wistar/NIN rat: Srinivas M, Pradeep Patil, SSYH Qadri, Satya Vani, Anitha Chauhan, NS Kumar Reddy, Korra Mangthy and Rajender Rao K. The Pharma Innovation Journal 2023; 12(4): 1209-1213
  
45. The interplay of twin nutrients (vitamin D and boron) in an allegedly understated anthropometric status (stunting, anemia, malnutrition) that refuses to improve- missing links, missed opportunities and actionale lessons from the field of veterinary medicine. Manuscript submitted to **The Lancet Regional Health - /south East Asia**, S-23-00305 Review article under

**ACCEPTED FOR PRESENTATION**

1. **Innovative approaches in Non-clinical safety evaluation of Oral recombinant Anti Human Papilloma Virus Vaccine (Hpv 16 And 18) in Mice, Rats.** , Poster presentation during the 17th World Congress of Basic and Clinical Pharmacology (WCP2014) to be held from 13-18 July 2014 at the CTICC in Cape Town, South Africa.
2. Role of type of dietary fat in the etiopathogenesis of Carcinogen-induced Breast Neoplasm in female Fischer rats. **Annals of Nutrition & Metabolism. 20<sup>th</sup> International Congress of Nutrition, Granada, Spain . Sept 15-20, 2013.**
3. **Syed SYH Qadri and SG Ramachandra.** Laws, Regulations and Guidelines governing Research Animal Care and Use in India, Laboratory Animals, **Editor, Javier Guillén, Elsevier, Academic Press.**

**CHAPTERS IN BOOKS/INTERNATIONAL GUIDELINES:**

1. **Syed SYH Qadri**, International Historical Perspectives - **CONFERENCE REPORT OF THE FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY (FASEB)**, The threat of Extremism to Medical Research : An International Summit, June 11-12, 2012, Bethesda, Maryland, USA.
2. **Syed SYH Qadri** and Christian E. Newcomer: **Chapter:** Laws, Regulations, and Guidelines Shaping Research Animal Care and Use in India, Chapter 8, pp 219 – 242 in **“LABORATORY ANIMALS – Regulations and Recommendations for Global Collaborative Research”**, **Editor, Javier Guillén, Elsevier, Academic Press, 2014.**
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8. **S.S.Y.H. Qadri**, "Ethics on the use of animals for experimentation", in the Seminar on August 20<sup>th</sup> 2003 at The University of Hyderabad.
9. **S.S.Y.H. Qadri**, "CPCSEA, Good Laboratory Practices", October 11<sup>th</sup> 2004 at, the College of Veterinary Sciences, Acharya N.G. Ranga Agricultural University, Rajendranagar, Hyderabad.
10. **S.S.Y.H. Qadri**, "Ethical aspects and related procedures during the conduct of animal experimentation", 11<sup>th</sup> December 2004 at Vimta Labs Ltd. Cherlapally, Hyderabad.
11. **S.S.Y.H. Qadri**, 'Toxicological evaluation of Biological Products on lab animals – ethical issues and CPCSEA regulations', during the Refresher Course on Biotechnology sponsored by the APNL Biotechnology Program

during 21<sup>st</sup> February 2005 to 11<sup>th</sup> March 2005 at Center for Plant Molecular Biology, Osmania University, Hyderabad.

12. **S.S.Y.H. Qadri**, “Animal House Facilities – CPCSEA guidelines, Veterinary services, duties and responsibilities of AHF inspectors”, on February 19, 2005 at International Institute for Biotechnology & Toxicology (IIBAT), Padappai, Kancheepuram District, Tamil Nadu.
13. **S.S.Y.H. Qadri**, Paper presented – ‘Background Pathological lesions encountered during preclinical toxicological evaluation studies and their biological significance’, National Symposium and XXI Annual Conference of Indian Association of Veterinary Pathologists (IAVP) 23-25 November, 2004 at the Department of Veterinary Pathology, West Bengal University of Animal and Fishery Sciences, Kolkata.
14. **S.S.Y.H. Qadri**, Plenary Lecture on “Ethics and Animal Experimentation”, during the 22<sup>nd</sup> Conference of the Indian Society for Comparative Animal Physiology and Stress Physiology, November 14-16, 2005, organized by the Department of Zoology, Osmania University, Hyderabad .
15. **S.S.Y.H. Qadri**, “Biotechnology products: Testing Procedures”, on 8<sup>th</sup> October, 2005 during the One Day Seminar on “New Trends in Scientific Research”, at the Academic Staff College, JNTU, organized by the Royal Society of Chemistry (London), Deccan Section, Hyderabad.
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#### **PERSONAL INFORMATION:**

Father's name: Late Dr. Syed S.H. Qadri

Date of birth/Age: 13<sup>th</sup> July 1962/62 Years

Place of birth: Hyderabad city.

Address – Residential: 12-13-483/A/1, I Floor, Lane Opp. Mahalaxmi Super market, St. No. 14, Nagarjunanagar, Tarnaka, Secunderabad -17. A.P., INDIA  
Tel: 040-65280225, Mobile: 09849518510  
Email: [ssyhg@yahoo.com](mailto:ssyhg@yahoo.com),

Address – Office: HOD, Animal Facility  
National Institute of Nutrition (ICMR),  
Department of Health Research,  
Ministry of Health & Family Welfare,  
Government of India,  
Jamai Osmania PO,  
Hyderabad – 500 604. A.P. INDIA  
Tel: 040 27197201

#### **PROFESSIONAL EXPERIENCE:**

I started my career with the poultry industry working as a Veterinary Pathologist with M/s Venkateshwara Group at their Poultry Diagnostic and Research Center, Pune. I later joined the National Institute of Nutrition, Indian Council of Medical Research at the Laboratory Animal Science Center in the division of Pathology. My work related to designing of animal facilities, running the laboratory animal breeding and health monitoring program. We bred laboratory animals such as mice, rats, guinea pigs, rabbits, dogs, sheep, monkeys of several strains for research purposes. Helped design and set up and help in obtaining AAALAC accreditation in more than a dozen CRO's with animal facilities. Was a part of the team to develop the National Animal

Resource Facility for Biomedical Research (NARFBR) ICMR at Turkapally, Hyderabad. I have 36 years of experience in animal breeding, supply, health monitoring, animal experimentation, animal welfare and ethics. Established and set up facilities to breed transgenic animals such as db/db mice, ApoE, RR rats, Fabry mice. The Institute has been supplying laboratory animals and feed to over 350 research institutions both in government and private. During the Covid-19 pandemic we had the privilege to supply over 2500 Golden Syrian Hamsters to various organizations such as Bharat Biotech, Hyderabad; THISTI, Faridabad; NIV, Pune and Indian Immunologicals, Hyderabad for Corona Vaccine testing. I have served in more than two dozen institutions as nominee of the CPCSEA in implementing the animal welfare rules.

I have 36 years of experience in the following areas;

1. Design of animal facilities – including cost effective designing meeting regulatory requirements.
2. Maintenance of animal facilities.
3. Care, handling and welfare of different species of animals.
4. Feeding of animals.
5. Feed formulations and rations for animals.
6. Architect, Founder and faculty of the FELASA Training at TANUVAS.
7. Quality aspects of animal feeds including toxins, heavy metals and pesticide and insecticide contaminants and international stipulations and requirements.
8. Health monitoring of animals, including diagnosis of diseases.
9. Genetics and breeding of animals.
10. Establishment of animal facilities, Toxicology and Pathology facilities.
11. Experimental Toxicology, Toxicopathology. Indian Board certified Veterinary Pathologist (specialization in Laboratory Animal Pathology and Toxicopathology).
12. Experience in MSD dossier preparation for REACH.
13. I have experience in International Accreditations such as AAALAC for animal facilities and GLP and GCLP for laboratories.
14. I have exposure and working knowledge of International guidelines such as USFDA, EPA, USDA, and OECD for both drugs and agro-chemicals.
15. Animal experimentation and ethics.

Syed S.Y.H. Qadri  
Date: 18.07.2024