

BIO-DATA

- 1. Name** : **Dr. Arju P. Somkuwar**
- 2. Date of Birth** : 1st July 1965.
- 3. Present post** : Professor and Head, Dept of Pharmacology and Toxicology,
Apollo College of Veterinary Medicine, Jaipur.
- 4. Qualification** : B. V. Sc. & A. H. : Second Class: PKV, Akola.
(Professional) : M. V. Sc. : First Class : KKV, Dapoli
: Ph. D. : First Class : JNKVV, Jabalpur
(Additional) : DMM : Second Class: Welingkar institute, Dadar, Mumbai
: MS-CIT : First Class
- 5. Employment Record**
- i) Research Fellow : 9 M : Sandoz India (Ltd.), Mumbai .
 - ii) VSO : 9 M : Vetcare, TCPL, Bangalore.
 - iii) Asstt. Professor : 9 Y 10 M : BVC, Mumbai (KKV&MAFSU)
 - iv) Assoc. Professor : 4 Y, 3 M : KNPCVS, Shirval (MAFSU)
 - v) Professor : 17Y, 4M : COVAS, Udgir (MAFSU) & Nagpur Veterinary College
- 6. Teaching** : Undergraduate & Post Graduate
: PG Guided -10 students
: Ph. D. 04 students
- 7. Research (Completed as PI)**
ICAR Ad-hoc scheme : No. 01
Agency (other) : Nos. 20
- 8. Theses submitted**
(M.V.Sc.) : Passage of gentamicin across uterus; Local vs parenteral administration.
(Ph.D.) : Studies on anticancer effects of *Ocimum sanctum* and *Withania somnifera* on experimentally induced cancer in mice.
- 9. Publications**
- : Research articles : 60
 - : Technical articles : 10
 - : Article in manual, etc. : 30
 - : Popular articles (Marathi) : 15
 - : Radio talks : 07
 - : Abstract in conferences : 52
- 10. Conferences organized** : **04** (in various capacities)
- Conferences attended : 12
 - Symposium attended : 02
 - Workshops attended : 02
 - Refresher courses : 05
- 11. Animal health camps attended** : 30
Lectures delivered in NSS camps : 25
Lectures in Farmers training programme : 50

12. New establishments

- : “Indigenous drug research unit for clinical application in farm animals” at BVC, Mumbai.
- : “Laboratory Animal House” at KNP College of Vety. Sci. Shirval & COVAS, Udgir
- : “Department Established for research activities”
- : Skill Development Centre
- : Krishi Vigyan Kendra

13. Other activities

- : I/C Animal House;
Chairman– IAEC; PG Result committee, Board of studies, Member - Examination committee ; Member secretary- BOS,: Head Dept of Pharma. & Toxicology: Chairman- Central Purchase committee, : Member & Chairman, viva –voce of internship
: **Hostel Warden** at KNPVC, Shirval : Hostel Warden at COVAS, Udgir.

Additional charges Handled:

- : Director of Research, MAFSU, Nagpur : 6 Months
: Director of Instructions, MAFSU, Nagpur : 2 Years
: Director of Extension Education, MAFSU, Nagpur: 2 Years
: Dean, Faculty of Veterinary Science, MAFSU, Nagpur: 2 Years
: Dean Faculty of Fishery Science, MAFSU, Nagpur : 1 Year
: Associate Dean, College of Fishery Science, Udgir : 2 Years
: Associate Dean, College of Fishery Science, Nagpur : 1 Year
: Associate Dean, Nagpur Veterinary College, Nagpur : 5 Years

Agency Schemes :

1. Toxicopathological studies of atrazine in mice.
2. Vaccine trial – H.S., B.Q., H.S.+B.Q. in cattle.
3. Clinical trial of antirabbies vaccine cattle and dogs.
4. Methochelated minerals (Zinc & Copper); Role in sub clinical mastitis.
5. “Bioavailability of Vitanim E and Selenium in buffalo calves after intramuscular administration”
6. “Effect of Buffer systems on ruminal acidosis”
7. Bio-availability of orally feed calcium supplement in buffalo calves with hypocalcaemia.
8. “Analysis of organic (Metho-chelated) and inorganic mineral supplements for their trace mineral bioavailability in cattle”
9. Clinico-pharmacological evaluation of “Biofit” herbal pet wash for its Ectoparasitocidal Activity.
10. Safety assessment of Tiamutin in farm animals.
11. To study a selective toxicity of Roban- a new rodenticide.
12. Assessment of ‘ex-conc mode’ for its safety in laboratory animals.
13. Laboratory and clinical trial of ‘Polygesic injection’ in laboratory and farm animals.
14. Clinical trial of ‘Liveferol’ in farm animals.
15. Appetite stimulant property of ‘Cyrum’ bolus in buffaloes.
16. Evaluation of hypolipidemic property of an herbal preparation – ‘Ton-H’ in rabbits.
17. Evaluation of ‘Caldee-forte’ for its galactagogue property in buffaloes.

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