

CURRICULUM VITAE

1. Name : Dr. LANGOLJAM INAOTOMBI DEVI
2. Father's Name : Dr. Langoljam Manihar Singh
3. Mother's Name : Moirangthem Kumudini Devi
4. Date of Birth : 1st March, 1971
5. Gender & Marital Status : Female, Married
6. Nationality : Indian
7. Languages Known : Manipuri, English, Hindi, Mizo
8. Permanent Address : Chirai, Mayang Imphal, Manipur – 795132
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College of Veterinary Sciences & AH
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10. Mobile No. : 9436354274/ 7005186365
11. Email : linaotombi@gmail.com/ linaotombidevi@ripans.ac.in
12. Educational Qualification : Ph.D. (Biochemistry)
13. Membership of Professional Societies : Society of Biological Chemist, India
14. Research :
 - i) Principal Co-Investigator of DBT funded research project on “Hemoglobin variants and hemoglobinopathies screening in Mizoram population” with budget outlay of Rs. 60.45 lakhs
 - ii) Guided one Ph.D. scholar and awarded Ph.D. Degree on the topic “Prevalence of Myopia among the school going students of Aizawl district in Mizoram”.
 - iii) Guided four MSc MLT students in their research works:
 - a) Ms. Ramtharzuali as Guide on “*Study on Blood Biochemical Parameters of Cancer Patients and Relationship with Food Habit*”.
 - b) Ms. Gunlu Gangmei as Guide on “*Evaluation of In Vivo Antioxidant Status Among Cancer Patients*”.
 - c) Ms. Zomawii as Co-Guide on “*status of serum Alkaline Phosphatase. Phosphate and Magnesium in Pre and Post-Menopausal women in Aizawl District, Mizoram- A Comparative study*”.
 - d) Mr. Sai Gopal Chhetri as Co-Guide on “*Thyroid profile, kidney function, serum levels of cholesterol, sodium and fasting glucose in Pre and Post-Menopausal women- a comparative study*”.

- iv) Presently Guiding two M.Sc. scholars for their research works.
- v) Conferences & Seminars attended: 13
- vi) Publications (List enclosed as Annexure-I):
 - i) Research Paper: 44
 - ii) Full research papers in conference proceeding: 06
 - iii) Research Abstract: 25
 - iv) Book : 01
 - v) Book Chapters : 04
 - v) Patent filed: 01

15. Remarkable Achievement:

- i) Member of Board of Studies of Under Graduate (B.Sc. MLT) of Mizoram University since 2008.
- ii) Member of Board of Studies of MLS of Mizoram University since April, 2024.
- iii) Participated and presented research papers in 3 International conferences.
- iv) Participated and presented research papers in 4 National conferences
- v) Participated in more than 10 refresher courses, trainings and workshops

Signature:
Dr. L. Inaotombi Devi

A. Full length papers in referred Journals: 44

1. Md. Ayub Ali, **L. Inaotombi Devi**, Kananbala Sarangthem and Th. Nabakumar Singh. Biochemical Changes in Germinating Seeds of Gram (*Cicer arietinum*). *J. Phytol. Res.* 2003; **16(2)**: 235-238.
ISSN- 0970-5767
2. M. Ayub Ali, W. Joykumar Singh, **L. Inaotombi Devi** and L. Rupachandra Singh (Change in the Enzymatic Activity of NADP⁺-Dependent Isocitrate Dehydrogenase in Germinating Seeds of Blackgram. *Indian J. of Hill Frmg.* 2003; **16(1&2)**: 17-19.
ISSN- 0970-6429
3. M. Ayub Ali, W. Joykumar Singh, **L. Inaotombi Devi**, S. Kunjeshwori Devi and L. Rupachandra Singh. Effect of Metal Ions on the Cytosolic NADP⁺ Dependent Isocitrate Dehydrogenase from Germinating Blackgram, *Vigna mungo* (L.) Hepper. *Indian J. of Agric. Res.* 2006; **40(4)**: 267-271.
ISSN 0367- 8245.
4. M. Ayub Ali, W. Joykumar Singh, **L. Inaotombi Devi**, S. Kunjeshwori Devi and L. Rupachandra Singh. Isozymic forms of NADP⁺ Dependent Isocitrate Dehydrogenase in Germinating Seeds of Blackgram, *Vigna mungo* (L.) Hepper. *Indian J. of Agric. Res.* 2007; **41(1)**: 34-38.
ISSN 0367- 8245
5. Sanjenbam Kunjeshwori Devi, Langoljam Inaotombi Devi and Laishram Rupachandra Singh. Purification and Characterization of a new Dimeric Mannose/Glucose-Binding Isolectin from *Vicia tetrasperma* (L.) Schreber. *Preparative Biochemistry and Biotechnology.* 2009; **1**: 57-71.
6. Gautam Patra, M. Ayub Ali, Kh. Victoria Chanu, L. Jonathan, L.K. Joy, M. Prava, R. Ravindran, G. Das and **L. Inaotombi Devi**. PCR Based Diagnosis of *Eimeria tenella* Infection in Broiler Chicken. *Int. J. Poultry Science.* 2010; **9(8)**: 813-818.
ISSN 1682-8356
7. M. Ayub Ali, **L. Inaotombi Devi**, Varij Nayan, Kh. Victoria Chanu and Lalsanglura Ralte. Antioxidant Activity of Fruits Available in Aizawl Market of Mizoram, India. *Int. J. of Biological and Pharmaceutical Research.* 2010; **1(2)**: 76-81.
ISSN 0976-3651
8. Gautam Patra, W.M. Lyngdoh, M. Ayub Ali, M. Prava, Kh. Victoria Chanu, T.C. Tolengkomba, Gunjan Das, H. Prasad, **L. Inaotombi Devi** and Irungbam Karuna Devi. Comparative Anthelmintic Efficacy of Pineapple and Neem Leaves. *Int. J. Poultry Science.* 2010; **9 (12)**: 1120-1124.
ISSN 1682-8356
9. Gautam Patra, M. Ayub Ali, Kh. Victoria Chanu, Jonathan Laisianthara, J.L. Kataria, Singdha Hazarika, David Malsawmkima, R. Ravindran and **L. Inaotombi Devi**. Molecular Diagnosis of Naturally Infection with *Eimeria nieschulzi* in Laboratory Rats. *Res. J. Parasitology.* 2010; **5**:1-10
ISSN 1816-4943

10. M. Ayub Ali, Kh. Victoria Chanu and **L. Inaotombi Devi**. Antioxidant Capacities of Vegetables Consumed in North East India Assessed by Three Different *in vitro* Assays. *Int. J. Res. Pharm. Sci.* 2011; **2(2)**: 118—123.
ISSN: 0975-7538
11. M. Ayub Ali, **L. Inaotombi Devi**, W.M. Lyngdoh, Gunjan Das, H. Prasad, Kh. Victoria Chanu, M. Prava, T.C. Tolenkhomba, Y. Damodar Singh and M.C. Lallianchhunga. Comparative Biochemical Profile of *Ascaridia galli* infected Broiler chickens on administration of Pineapple and Neem leaves and Piperazine. *Int. J. Poultry Science*. 2011; **10 (7)**: 542-546.
ISSN 1682-8356
12. M. Ayub Ali, Lalnuntluangi Hmar, H. Lalliankimi, Kh. Victoria Chanu, Gautam Patra and **L. Inaotombi Devi**. Effect Of Zinc Supplementation On Serum Biochemical Profile Of Japanese Quails (*Coturnix coturnix japonica*). *Indian J. Vet. Res.* 2011; **20(2)**: 24-28.
ISSN 0971-4251
13. M. Ayub Ali, L. Hmar, **L. Inaotombi Devi**, Prava M., M. C. Lallianchhunga and T. C. Tolenkhomba. Effect of age on the haematological and biochemical profile of Japanese quails (*Coturnix coturnix japonica*). *Int. Multidisciplinary Research Journal*. 2012; **2(8)**:32-35.
ISSN: 2231-6302
14. M. Ayub Ali, W. Ramdas Singh and **L. Inaotombi Devi**. Antioxidant Activity of the Fodder Grasses, Shrubs and Tree Leaves. *J. Interacad.* 2012; **16(2a)**: 509-514.
ISSN: 0971-9016
15. M. Ayub Ali, H. Prasad, W.M. Lyngdoh, Gunjan Das, Prava, M., Kh. Victoria Chanu, T.C. Tolenkhomba, Y. Damodar Singh, Lalsanglura Ralte and **L. Inaotombi Devi**. Biochemical profile of Broiler chickens experimentally infected with *Ascaridia galli*. *Indian J. Anim. Res.* 2013; **47(1)**:17-22
ISSN-0367-6722
16. M. Ayub Ali, Kh. Victoria Chanu and **L. Inaotombi Devi**. *Scurrula parasitica* L.: A Medicinal Plant with High Antioxidant Activity. *Int. J Pharm Pharm Sci*, 2013; **5(1)**: 34-37.
ISSN-0975-1491
17. **L. Inaotombi Devi**, Lalsanglura Ralte and M. Ayub Ali. Serum Biochemical Profile of Breast Cancer Patients. *European J. of Pharmaceutical and Medical Research*. 2015; **2(6)**: 210-214.
ISSN 3294-3211
18. M. Ayub Ali, C. Lalmuanthanga, C. Lalchhandama and **L. Inaotombi Devi**. In-Vitro antioxidant activity of methanolic extract of *Clerodendrum colebrookianum* Walp. Leaves. *World J. Pharmacy and Pharmaceutical Sciences*. 2015; **4(10)**: 1482-1488.
ISSN 2278-4357
19. **L. Inaotombi Devi**, P. Kirthika and M. Ayub Ali. Plasma diagnostic enzyme profile of Assam hilly goats reared in Mizoram, India. *World J. of Pharmaceutical Research*. 2015; **4(10)**: 2034-2038.
ISSN 2277-7105

20. M. Ayub Ali, **L. Inaotombi Devi**, C. Lalchhandama and C. Lalmuanthanga. Antioxidant activity of Leaves of *Alstonia scholaris* R.Br. *World J. Pharmaceutical Research*. 2015; 4(11): 1871-1878.
ISSN 2277-7105
21. C. Lalmuanthanga, C. Lalchhandama, M.C. Lallianchhunga, M. Ayub Ali and **L. Inaotombi Devi**. Antioxidant capacity of the methanolic extract of *Solanum torvum* leaves. *World J. Pharmaceutical Research*. 2015; 4(12):1752-1759.
ISSN 2277-7105
22. Lalsangpuii, M. Ayub Ali, **L. Inaotombi Devi**, Parthasarathi Behera and Lalsanglura Ralte. Effect of age and season on the thyroid hormone activity of Mizoram strain female mithun (*Bos frontalis*). *Veterinary World*, 2015; 8(12): 1375-1378.
EISSN: 2231-0916
23. M. Ayub Ali, **L. Inaotombi Devi**, C. Lalmuanthanga, C. Lalchhandama and M.C. Lallianchhunga. *In-vitro* antioxidant activity of methanolic extract of *Chromolaena odorata* leaves. *World J. Pharmaceutical Research*, 2016; 5(1):769-776.
ISSN 2277-7105
24. **L. Inaotombi Devi**, Kirthika P. and M. Ayub Ali. Plasma electrolyte profile of Assam hilly goats under Mizoram Agro-climatic conditions. *International Journal of Current Advanced Research*, 2016; 5(3): 657-658.
ISSN: 2319 – 6475
25. M.C. Lallianchhunga, M. Ayub Ali, C. Lalchhandama, C. Lalmuanthanga and **L. Inaotombi Devi**. Antioxidant activity of methanolic extract of *mikania micrantha* leaves. *World J. Pharmaceutical Research*. 2016; 5(4):879-886.
ISSN 2277-7105
26. M. C. Lallianchhunga, **L. Inaotombi Devi**, C. Lalmuanthanga, C. Lalchhandama, P.K. Subudhi and M. Ayub Ali. *In vitro* antioxidant activity of methanolic extract of *callicarpa arborea* leaves. *World J. Pharmaceutical Research*. 2016; 5(4): 2097-2102.
ISSN 2277-7105
27. **L. Inaotombi Devi**, Lalsanglura Ralte and M. Ayub Ali. Serum Biochemical Profile of Gastric Cancer Patients. *European J. of Pharmaceutical and Medical Research*, 2016; 3(5), 431-434.
ISSN 3294-3211
28. M. Ayub Ali, Hemen Das, **L. Inaotombi Devi**, P. Kirthika, Jagan Mohanarao Gali and Parthasarathi Behera. Studies on Blood Metabolic Profile of Assam Local Non-Descript Sheep (*Ovis aries*). *Life Sciences Leaflets*, 2016; **80**, 20-25.
ISSN 2277-4297(print) 0976–1098(online)
29. Hemen Das, M. Ayub Ali, **L. Inaotombi Devi**, P. Kirthika, Jagan Mohanarao Gali and Parthasarathi Behera. Concentration of some Diagnostic Enzymes of Indigenous Sheep (*Ovis aries*) of Assam. *Life Science Leaflets*. 2017; 85: 28-32.
ISSN 2277-4297

30. M. Ayub Ali, Hemen Das, **L. Inaotombi Devi**, P. Kirthika, Prava Mayengbam, M.C. Lallianchhunga and Lalnuntluangi Hmar. Macro-mineral profile of Assam non-descript sheep (*Ovis aries*). *Journal of Animal Feed Science and Technology*. 2017; 5: 05-07
ISSN 2321-1628
31. M. Ayub Ali, **L. Inaotombi Devi**, Hemen Das, N. Shyamsana Singh and Lalnuntluangi Hmar. Blood Biochemical Profile of Assam Hilly Goats (*Capra hircus*) under Agro-Climatic conditions of Mizoram, India. *Int. J. Livestock Res.* 2017; **7(10)**: 122-127.
eISSN : 2277-1964
32. Lal Sangpuii, M. Ayub Ali and **L. Inaotombi Devi**. Serum biochemical profile of Mizoram strain female Mithun (*Bos frontalis*) at different age and season. *Biological Rhythm Research*. 2018. <https://doi.org/10.1080/09291016.2018.1474989>
ISSN: 0929-1016
33. Mohammad Ayub Ali, Lalnuntluangi Hmar, **Langoljam Inaotombi Devi** and Hemen Das. Plasma Biochemical Profile of Adult Male Turkey Domesticated in Mizoram, India. *Int. J. of Agri. Sc.* 2018; **10(10)**: 6135-6136.
ISSN: 0975—3710 & E-ISSN 0975-9107.
34. Lalnuntluangi Hmar, **L. Inaotombi Devi**, Hemen Das, P.K. Subudhi, Malsawmdawngkimi Colney and M Ayub Ali. Electrolyte and major Diagnostic Enzyme profile of adult male turkey domesticated in Mizoram, India. *Int. J. of Agri. Sc.*, 2018; **10(11)**: 6272-6273.
ISSN: 0975-3710 & E-ISSN: 0975-9107.
35. **L Inaotombi Devi**, Lalnuntluangi Hmar, Hemen Das, Saidur Rahman, Prava Mayengbam and M Ayub Ali. Serum mineral and diagnostic enzyme profile of Japanese quails (*Coturnix coturnix japonica*) under agro climatic conditions of Mizoram. *International Journal of Chemical Studies*, 2018; **6(5)**: 3275-3277.
eISSN: 2321-4902
36. **L Inaotombi Devi**, Lalnuntluangi Hmar, M Ayub Ali, Saidur Rahman, Prava Mayengbam and Hemen Das. Serum biochemical profile of Japanese quails (*Coturnix coturnix japonica*) under agro climatic conditions of Mizoram. *International Journal of Chemical Studies*, 2018; **6(6)**: 82-84.
eISSN: 2321-4902
37. **L. Inaotombi Devi**, Lalsanglura Ralte, Lalnuntluangi Hmar and M. Ayub Ali. Serum Biochemical profile of patients suffering from cervical cancer in Mizoram. *International Journal of Chemical Studies*, 2018; **6(6)**: 883-886.
eISSN: 2321-4902
38. M. Ayub Ali, Lalnuntluangi Hmar, Hemen Das, P.K. Subudhi, Malsawmdawngkimi Coley and **L. Inaotombi Devi**. Haemato-Biochemical Profile of Adult Female Turkey under Agro-Climatic Conditions of Mizoram (India). *International Journal of Livestock Research*. 2019; **9(1)**: 74-79
eISSN : 2277-1964
39. **L. Inaotombi Devi**, Lalsanglura Ralte, Lalnuntluangi Hmar and M. Ayub Ali. Plasma biochemical profile of hepatocellular carcinoma patients. *International Journal of Chemical Studies*, 2019; **6(6)**: 2774-2776.
eISSN: 2321-4902

40. C. Lalmuanthanga, DC Roy, RK Roy, Yadav Sarma, P Borah, S. Tamuli, Hmarthansanga, Longjam Shantabi, **L. Inaotombi Devi** and M. Ayub Ali. Antioxidant activity of *Blumea lanceolaria*. *International Journal of Chemical Studies*, 2019; **6(6)**: 3546-3548.
eISSN: 2321-4902
41. Chaithu Sarakham Aimol, **L. Inaotombi Devi**, Enghmingliani, Renee Lalrinzuali and Lalsanglura Ralte. Myopia prevalence in school children of Aizawl district of Mizoram and relationship with environmental factors. *International Journal of Chemical Studies*, 2019; **7(6)**: 1346-1352.
eISSN: 2321-4902
42. Chaithu Sarakham Aimol, **L. Inaotombi Devi**, Enghmingliani, Renee Lalrinzuali and Lalsanglura Ralte. Prevalence of myopia in urban school children in the age group of 13-19 years in Aizawl district of Mizoram India. *International Journal of Chemical Studies*, 2019; **7(6)**: 1868-1871.
eISSN: 2321-4902
43. Ashmita Debnath, **L. Inaotombi Devi**, L. Reena Devi, Parthasarathi Behera, Jagan Mohanarao Gali, Hemen Das, Prava Mayengbam, Lalnuntluangi Hmar and M. Ayub Ali. *In vitro* Antioxidant activity and effect of ethanolic extract of *Curcuma leucorrhiza* Roxb. on *in vivo* antioxidant status of diabetic rats. Accepted for publication in International Journal of Pharmacology.
44. R. Zapaw Azyu, M. Ayub Ali, Parthasarathi Behera, Jagan Mohanarao Gali, Hemen Das, Prava Mayengbam, Lalnuntluangi Hmar and **L. Inaotombi Devi**. Effect of ethanolic extract of *Scurrula parasitica* L. on *in vivo* antioxidant status of diabetic rats. Accepted for publication in Indian Journal of Animal Research.

B. Full length papers in conference proceedings: 06

1. M. C. Lallianchhunga, Parthasarathi Behera, C. Lalmuanthanga, M. Ayub Ali, C. Lalhchandama, Lalsangpuii and **L. Inaotombi Devi** (2014). Antioxidant Activities of Seeds of *Melocanna baccifera* in conference proceedings of International conference cum exhibition on Drug Discovery & Development from Natural Resources, pp-145-149.
ISBN: 978-81-923224-1-4
2. C. Lalhchandama, C. Lalmuanthanga, M. C. Lallianchhunga, **L. Inaotombi Devi**, Lalsangpuii and M. Ayub Ali (2014). Antioxidant Activities of *Anogeissus acuminata* bark in conference proceedings of International conference cum exhibition on Drug Discovery & Development from Natural Resources, pp-184-188.
ISBN: 978-81-923224-1-4
3. Lalsangpuii, M. Ayub Ali, **L. Inaotombi Devi** and Parthasarathi Behera (2014). Effect of Age and Season on Serum Antioxidant Enzymes of Mizoram Strain Female Mithun (*Bos frontalis*) in conference proceedings of International conference cum exhibition on Drug Discovery & Development from Natural Resources, pp-195-202.
ISBN: 978-81-923224-1-4
4. **L. Inaotombi Devi**, Lalsangpuii, Lalsanglura Ralte, Shyamanda Mukherjee, Prava M., T.C. Tolengkomba, N. Shyamsana Singh, M.C. Lallianchhunga and M. Ayub Ali (2014). Effect of Age on Serum TSH, T3 and T4 of Mizoam Strain Female Mithun (*Bos frontalis*) in

proceedings of International conference cum exhibition on Drug Discovery & Development from Natural Resources, pp-210-215.

ISBN: 978-81-923224-1-4

5. M. Ayub Ali, **L. Inaotombi Devi**, C. Lalmuanthanga, Parthasarathi Behera, Jagan Mohanarao G. and C. Lalchhandama (2014). Antioxidant Activities of Methanolic extract of *Plantago major* Leaves in conference proceedings of International conference cum exhibition on Drug Discovery & Development from Natural Resources, pp-216-223.
ISBN: 978-81-923224-1-4
6. C. Lalmuanthanga, M. Ayub Ali, C. Lalchhandama, M. C. Lallianchhunga, Lalsangpuii and **L. Inaotombi Devi** (2014). Antioxidant Activities of leaves of *Hibiscus rosa-sinensis* in proceedings of International conference cum exhibition on Drug Discovery & Development from Natural Resources, pp-237-244.
ISBN: 978-81-923224-1-4

C. Book chapters: 04

1. M. Ayub Ali, Kh. Victoria Chanu and **L. Inaotombi** “**Clinical Biochemistry in Veterinary Diagnosis**” in the Training manual for “Collection, Preservation and Dispatch of Biological Specimens for Livestock and Poultry Diseases” organized by Department of Veterinary Microbiology, CVSc & A.H., CAU. pp. 71-81.
2. **L. Inaotombi Devi**, Parthasarathi Behera, G. Jagan Mohanarao, Lalsangpuii, P. Kirtika, Lalsanglura Ralte, P. K. Subudhi, C. Lalmuanthanga and **M. Ayub Ali: HPLC separation of biomolecules in biological samples** in Biochemical and Molecular Biology Techniques for Animal Biotechnology: A Training manual Published by LAMBERT Academic Publishing GmbH & Co. KG, Heinrich-Bocking-Str. 6-8, 66121 Saarbrücken, Germany. pp: 84-99
3. **L. Inaotombi Devi**, Prava Mayengbam and M. Ayub Ali: Principles and uses of ELISA in Training Manual "High-end scientific equipments for research excellence in North Eastern region. Pp-50-57. ISBN: 978-93-5659-105-9.
4. M. Ayub Ali and **L. Inaotombi Devi**: Chromatographic techniques and its applications in biochemical research in Training Manual "High-end scientific equipments for research excellence in North Eastern region. Pp-61-74. ISBN: 978-93-5659-105-9.

C. Books published: 01

1. Haemato-Biochemical Profile of Japanese Quails : Age Related variation, Published by Lambert Academic Publishing, Germany. **ISBN: 978-3-8383-0423-6**

D. ABSTRACTS PUBLISHED: 21

1. M. Ayub Ali, Varij Nayan, **L. Inaotombi** and Lalsanglura Ralte: A study on Antioxidant Activity of fruits Available in Aizawl Market during Winter season in souvenir cum Abstract book of International SFRR Satellite Symposium-2009, held at Department of Biochemistry, Faculty of Life Sciences, Aligarh Muslim University from 17th to 18th March, 2009, pp 21.
2. M. Ayub Ali, **L. Inaotombi**, Lalsanglura Ralte and L. Reena Devi: Antioxidant Properties of *Curcuma leucorrhiza* Roxb. in souvenir cum abstract book of National Symposium 2010

on Recent Trends in Enzyme Technology, Toxicology and Bioinformatics, held at Department of Biochemistry, Faculty of Life Sciences, AMU, Aligarh on 3rd March, 2010, pp 44.

3. M. Ayub Ali, M. Prava, M. C. Lallianchhunga, **L. Inaotombi Devi** and Lalsanglura Ralte: Effect of Age on the haematological and Biochemical profile of Japanese Quails (*Coturnix coturnix japonica*) in souvenir cum abstract book of National Symposium 2011 on Current Trends in Biochemical, Biomedical and Environmental Sciences, held at Department of Biochemistry, Faculty of Life Sciences, AMU, Aligarh on 22nd February, 2011, pp 19.
4. M. C. Lallianchhunga, **L. Inaotombi Devi**, Lalnuntluangi Hmar, Kh. Victoria Chanu, M. Prava and M. Ayub Ali: Effect of Zinc supplementation on serum Biochemical profile of Japanese Quails (*Coturnix coturnix japonica*) in souvenir cum abstract book of National Symposium 2011 on Current Trends in Biochemical, Biomedical and Environmental Sciences, held at Department of Biochemistry, Faculty of Life Sciences, AMU, Aligarh on 22nd February, 2011, pp 20.
5. M. Ayub Ali, Kh. Victoria Chanu, T.C. Tolengkomba, Prava M., N. Shyamsana Singh, M.C. Lallianchhunga, M. A. Ayub Shah, Y. Damodar Singh and **L. Inaotombi Devi**: Blood Biochemical Profile of Adult Giriraja Birds under Hilly Agro-Climatic Condition of Mizoram in Technical Bulletin of National Symposium on Reproductive Biotechnologies for Augmenting Fertility and Conservation of Animal Species with Special Reference to North Eastern Hill region & XXVII Annual Convention of ISSAR, 2011 held at College of Veterinary Sciences & A.H., CAU, Selesih, Aizawl from 27-29 September, 2011, pp 177.
6. M. Ayub Ali, Kh. Victoria Chanu, **L. Inaotombi Devi**, M. A. Ayub Shah, M. C. Lallianchhunga, Lalnuntluangi Hmar and Gunjan Das: *Scurrula parasitica* L.: A Medicinal Plant with High Antioxidant Activity in Scientific abstracts of 30th ISVM National Symposium on “Animal Health vis-à-vis Animal Welfare with Application of Biotechnology with Special Reference to North-Eastern Region” held at College of Veterinary Sciences & A.H., CAU, Selesih, Aizawl from 1-3 February, 2012, pp- 85.
7. **L. Inaotombi Devi**, M. Ayub Ali, W. Ramdas Singh, M. A. Ayub Shah and Lalsanglura Ralte: Lectin Content of Fodder Grasses and Shrubs in Scientific abstracts of 30th ISVM National Symposium on “Animal Health vis-à-vis Animal Welfare with Application of Biotechnology with Special Reference to North-Eastern Region” held at College of Veterinary Sciences & A.H., CAU, Selesih, Aizawl from 1-3 February, 2012 pp-157.
8. M. C. Lallianchhunga, Parthasarathi Behera, C. Lalmuanthanga, M. Ayub Ali, C. Lalchhandama, Lalsangpuii and **L. Inaotombi Devi**: Antioxidant Activities of seeds of *Melocanna baccifera* in scientific abstracts of International conference cum exhibition on Drug Discovery & Development from Natural Resources held at Department of Pharmacy, RIPANS, Aizawl from 5-6th February, 2014 pp-30.
9. C. Lalchhandama, C. Lalmuanthanga, M. C. Lallianchhunga, **L. Inaotombi Devi**, Lalsangpuii and M. Ayub Ali: Antioxidant Activities of *Anogeissus acuminata* bark in scientific abstracts of International conference cum exhibition on Drug Discovery & Development from Natural Resources held at Department of Pharmacy, RIPANS, Aizawl from 5-6th February, 2014 pp-39.
10. **L. Inaotombi Devi**, Lalsangpuii, Lalsanglura Ralte, Shyamanda Mukherjee, Prava M., T.C. Tolengkomba, N. Shyamsana Singh, M.C. Lallianchhunga and M. Ayub Ali: Effect of age on serum TSH, T₃ and T₄ of Mizoam strain female Mithun (*Bos frontalis*) in scientific

abstracts of International conference cum exhibition on Drug Discovery & Development from Natural Resources held at Department of Pharmacy, RIPANS, Aizawl from 5-6th February, 2014 pp-43.

11. Lalsangpuii, M. Ayub Ali, **L. Inaotombi Devi** and Parthasarathi Behera: Effect of age and season on serum antioxidant enzymes of Mizoram strain female Mithun (*Bos frontalis* in scientific abstracts of International conference cum exhibition on Drug Discovery & Development from Natural Resources held at Department of Pharmacy, RIPANS, Aizawl from 5-6th February, 2014 pp-45.
12. M. Ayub Ali, **L. Inaotombi Devi**, C. Lalmuanthanga, Parthasarathi Behera, Jagan Mohanarao G. and C. Lalchhandama: Antioxidant Activities of methanolic extract of *Plantago major* leaves in scientific abstracts of International conference cum exhibition on Drug Discovery & Development from Natural Resources held at Department of Pharmacy, RIPANS, Aizawl from 5-6th February, 2014 pp-46.
13. C. Lalmuanthanga, M. Ayub Ali, C. Lalchhandama, M. C. Lallianchhunga, Lalsangpuii and **L. Inaotombi Devi**: Antioxidant Activities of leaves of *Hibiscus rosa-sinensis* in scientific abstracts of International conference cum exhibition on Drug Discovery & Development from Natural Resources held at Department of Pharmacy, RIPANS, Aizawl from 5-6th February, 2014 pp-48.
14. M. Ayub Ali, **L. Inaotombi Devi**, L. Hmar, N. Shyamsana Singh, P. Behera, Prava M., T.C. Tolengkomba, Jagan Mohanarao G., P. Kirthika, Lalsanglura Ralte and Y. Damodar Singh: Plasma Biochemical Profile of Assam Hilly Goats under Agro-climatic conditions of Mizoram in the scientific abstract of XXII Annual conference of Indian Society of Animal Production and Management and National Seminar on Livestock Production Practices for Small Farms of Marginalized Groups and Communities in India held from 28-30 January, 2015 at College of Veterinary Sciences & A.H., CAU, Selesih, Aizawl, Mizoram. Pp-393.
15. M. Ayub Ali, C. Lalmuanthanga, C. Lalchhandama and **L. Inaotombi Devi**: *Clerodendrum colebrookianum* Walp: A culinary herb with high antioxidant in the scientific abstract of National conference on “Indegenous Foods and Drinks Sector” organized by Association of Food Scientists & Technologists (India), Manipur Chapter from 11th – 12th April, 2015, pp-147.
15. **L. Inaotombi Devi**, Lalsanglura Ralte and M. Ayub Ali: Antioxidant activity of locally available vegetables and fruits in North East India in the scientific abstract of National conference on “Indegenous Foods and Drinks Sector” organized by Association of Food Scientists & Technologists (India), Manipur Chapter from 11th – 12th April, 2015, pp-148.
16. M. A. Ali, **L.I. Devi** and P.K. Subudhi: Significance of Antioxidants in Translational Research in the scientific abstract of National Seminar on Opportunities and challenges of translational research in the frontier areas of animal biotechnology organized by Society of Veterinary Sciences and Biotechnology at College of Veterinary Science & A.H., OUAT, Bhubaneswar from 22nd to 3rd September, 2017, pp-178.
17. M. Ayub Ali, P. Behera, S.K. Behera, Nirali Shah, J.B. Rajesh, J.M. Gali, Hemen Das, G. Kalita, **L. Inaotombi Devi** and lalnuntluangi Hmar: Evaluation of Antioxidant Status of Indigenous Cattle (Zobawng) of Mizoram in the scientific abstract of National symposium on Advances in Veterinary Pathology for fostering One Health, Food Security and Environmental Protection organized by Department of Veterinary Pathology, College of Veterinary Sciences & A.H., CAU, Selesih, Aizawl, Mizoram from 6th to 8th November, 2019, pp-113.

18. P.K. Subudhi, M.A. Ali, **L. Inaotombi Devi**, G.L. Kabui, R.S. Sarmah, T.K. Dutta, R. Roychoudhury, Y. D. Singh and P. Behera: Serum Diagnostic Enzyme Profile of Alfatoxin Tolerized Khaki Campbell Ducks Reared under Mizoram Agro-climatic Condition is comparable with their parent Stock in the scientific abstract of National symposium on Advances in Veterinary Pathology for fostering One Health, Food Security and Environmental Protection organized by Department of Veterinary Pathology, College of Veterinary Sciences & A.H., CAU, Selesih, Aizawl, Mizoram from 6th to 8th November, 2019, pp-188.
19. M. Ayub Ali, **L. Inaotombi Devi**, Prasant Kumar Subudhi, Raj Shekhar Sarmah, Parthasarathi Behera, Jagan Mohanarao Gali, Hemen Das and Lalnuntluangi Hmar: *Eclipta alba* as Feed Supplement Improves the Blood Biochemical Profile of Salmonella enteric Infected Khaki Campbell Ducks in the scientific abstract of Annual Convention & 4th National Seminar on “Current Research in Veterinary Biochemistry and Biotechnology in the Improvement of Animal Health and Production” organized by Department of Veterinary Biochemistry, College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati from 4th to 5th February, 2020, pp-49.
20. **L. Inaotombi Devi**, M. Ayub Ali, Prasant Kumar Subudhi, Parthasarathi Behera and Lalsanglura Ralte: Antioxidant Activity of *Eclipta alba* in Ducks given as feed Supplement in the face of Salmonellosis Outbreak in the scientific abstract of Annual Convention & 4th National Seminar on “Current Research in Veterinary Biochemistry and Biotechnology in the Improvement of Animal Health and Production” organized by Department of Veterinary Biochemistry, College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati from 4th to 5th February, 2020, pp-51.
21. Prasant Kumar Subudhi, M. Ayub Ali, **L. Inaotombi Devi**, Raj Shekhar Sarmah, Nayanmoni Konwar, Tapan Kumar Dutta and Parimal Roychoudhury: Serum Diagnostic Enzyme Profile of Khaki Campbell Ducks is improved by *Eclipta alba* as Feed Supplement in the face of Salmonellosis in the scientific abstract of Annual Convention & 4th National Seminar on “Current Research in Veterinary Biochemistry and Biotechnology in the Improvement of Animal Health and Production” organized by Department of Veterinary Biochemistry, College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati from 4th to 5th February, 2020, pp-51-52.
22. R.Z. Azyu, M.A. Ali, **L.I. Devi**, P. Behera, J.M. Gali, H. Das, P.K. Subudhi, A. Debnath, K. Newmai, L. Shantabi and Malsawmsangi: Effect of *Scurrula parasitica* L. extract on plasma diagnostic enzymes in STZ induced diabetic rats in the scientific abstract of VI Annual Convention of SVBBI and National Symposium on Innovative Approach and Strategies of Animal Biochemistry and Biotechnology Towards Holistic Development in Animal Health and Productivity organized by Department of Veterinary Physiology & Biochemistry, College of Veterinary Science and AH, Nanaji Deshmukh Veterinary Science University, Jabalpur from 5th to 6th January, 2023, pp-37.
23. **L.I. Devi** and L. Ralte: Plasma Biochemical Profile of the Oesophageal Cancer Patients in the scientific abstract of VI Annual Convention of SVBBI and National Symposium on Innovative Approach and Strategies of Animal Biochemistry and Biotechnology Towards Holistic Development in Animal Health and Productivity organized by Department of Veterinary Physiology & Biochemistry, College of Veterinary Science and AH, Nanaji Deshmukh Veterinary Science University, Jabalpur from 5th to 6th January, 2023, pp-57.
24. R.Z. Azyu, **L.I. Devi**, P. Behera, J.M. Gali, H. Das, P.K. Subudhi, A. Debnath, K. Newmai, Malsawmsangi, L. Shantabi and M.A. Ali: Effect of *Scurrula parasitica* L. extract on in vivo Antioxidant status of STZ induced diabetic rats in the scientific abstract of VI Annual Convention of SVBBI and National Symposium on Innovative Approach and Strategies of

Animal Biochemistry and Biotechnology Towards Holistic Development in Animal Health and Productivity organized by Department of Veterinary Physiology & Biochemistry, College of Veterinary Science and AH, Nanaji Deshmukh Veterinary Science University, Jabalpur from 5th to 6th January, 2023, pp-69.

25. M.A. Ali, **L. Inaotombi Devi**, P.K. Subudhi and P. Behera: Usage of Medicinal Plants for Diabetes Management can be a Holistic Approach: A Biochemists Perspective in the scientific abstract of VI Annual Convention of SVBBI and National Symposium on Innovative Approach and Strategies of Animal Biochemistry and Biotechnology Towards Holistic Development in Animal Health and Productivity organized by Department of Veterinary Physiology & Biochemistry, College of Veterinary Science and AH, Nanaji Deshmukh Veterinary Science University, Jabalpur from 5th to 6th January, 2023, pp-75-76.

SEMINAR, SYMPOSIUM, CONFERENCE, TRAINING ATTENDED

1. 4th Annual Conference of Association of Clinical Biochemists of India (ACBI), Manipur State Branch, held at RIMS, Imphal on 14th March, 2004.
2. A 2 days training programme on “**Bioinformatics – Concept and Application**” organized by BIF Centre, College of Veterinary Sciences & A.H., Central Agricultural University, Selesih, Aizawl, Mizoram, from 26th to 27th February, 2009.
3. A 21 days training course on “**Recent Advances in Molecular and Immunological Techniques for Diagnosis of Bacterial Diseases of Animals**” organized by Department of Veterinary Microbiology, College of Veterinary Sciences & A.H., Central Agricultural University, Selesih, Aizawl, Mizoram, from 2nd to 22nd March, 2009.
4. A 3 days National Symposium on “Reproductive Biotechnologies for Augmenting Fertility and Conservation of Animal Species with Special reference to North Eastern Hill Region” organized by Department of Animal Reproduction, Gynaecology and Obstetrics, College of Veterinary Sciences & A.H., CAU from 27th to 29th September, 2011.
5. 30th ISVM National Symposium on “Animal Health vis-à-vis Animal Welfare with Application of Biotechnology with Special Reference to North-Eastern Region” held at College of Veterinary Sciences & A.H., CAU, Selesih, Aizawl from 1-3 February, 2012.
6. Participated in 21 days UGC Sponsored Refresher Course in Biochemistry at Academic Staff College, Manipur University, Imphal, Manipur from 25th June to 14th July, 2012.
7. A 2 days International conference cum exhibition on Drug Discovery & Development from Natural Resources held at Department of Pharmacy, RIPANS, Aizawl from 5-6th February, 2014.
8. A 2 days National conference on “Indigenous Foods and Drinks Sector” organized by Association of Food Scientists & Technologists (India), Manipur Chapter from 11th – 12th April, 2015 held at Central Agricultural University, Imphal.

9. A 2 days National conference on “Indegenous Foods and Drinks Sector” organized by Association of Food Scientists & Technologists (India), Manipur Chapter from 11th – 12th April, 2015, pp-147.
10. A 3 days International conference on Emerging trends in Biomedical Sciences held at Department of Biochemistry, Faculty of Life Sciences, Aligarh Muslim University, Aligarh from 6th to 8th March, 2016.
11. A 4 days International conference on Chemistry & Environmental Sustainability held at Department of Chemistry, Mizoram University from 19th to 22nd February, 2019.
12. Two days National Seminar on “Current Research in Veterinary Biochemistry and Biotechnology in the Improvement of Animal Health and Production” organized by Department of Veterinary Biochemistry, College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati from 4th to 5th February, 2020.
13. Two days National Symposium on Innovative Approach and Strategies of Animal Biochemistry and Biotechnology Towards Holistic Development in Animal Health and Productivity organized by Department of Veterinary Physiology & Biochemistry, College of Veterinary Science and AH, Nanaji Deshmukh Veterinary Science University, Jabalpur from 5th to 6th January, 2023.