

LIST OF PUBLICATIONS AND CITATIONS

Journal Publications and Citations:

(From thesis)

1. Dey, A., Mehta, I., Ghosh, P., & Nampoothiri, L. (2020). Synergistic Interplay of Hyperandrogenism and Hyperinsulinism on Primary Culture of Luteinized Granulosa Cells—an “in-vitro” Model Mimicking Ovarian Microenvironment of Poly-Cystic Ovary Syndrome (PCOS). *Journal of Endocrinology and Reproduction*, 24(1), 53-65. DOI: 10.18311/jer/2020/26764.
2. Arpi, D., & Laxmipriya, N. (2019). Nutraceuticals as Therapeutic Agents for Management of Endocrine Disorders - Sources, Bioavailability and Mechanisms Underlying their Bioactivities. *Acta Scientific Nutritional Health*. 3.2: 97-109.
3. Arpi Dey, Radha Maharjan and Laxmipriya Nampoothiri (2017). Phytosterols isolated from *Aloe barbadensis* Mill., restore reproductive and metabolic complications in Letrozole-induced PCOS mouse model. *J Diabetes Metab*, 8:10 (Suppl) DOI: 10.4172/2155-6156-C1-073.
4. A Dey, S Vasoya, L Nampoothiri (2017). Pharmacokinetics and bioavailability of non-polar phytocomponents of Aloe vera gel and their role as an endocrine modulator in letrozole induced PCOS rat model. *BioScientifica Endocrine Abstracts* 49. EP1117 | DOI: 10.1530/endoabs.49. EP1117.
5. Laxmipriya Nampoothiri, Radha Maharjan & Arpi Dey (2015). Implication of non-polar phytocomponents of Aloe vera gel in management of polycystic ovarian syndrome. *Endocrine Abstracts* 37. EP140. DOI:10.1530/endoabs.37. EP140.

(From collaborative work)

1. Laxmipriya, N., Prashant, Sudra., Arpi, D., Shivani, D., Azazahemad A. K., Satyanshu, K., Tushar, D., Raghuraj, S., & Premlata, K. (2021). Fruit juice of *Garcinia indica* Choisy modulates dyslipidemia and lipid metabolism in cafeteria diet-based rat model. *Ann. Phytomed.*, 10(1):78-85. DOI: <http://dx.doi.org/10.21276/ap.2021.10.1.8>.

Conference Proceedings:

1. Arpi Dey, Ishita Mehta, Priyanka Oshin, Priyanka Ghosh, Radha Maharjan, Shivani Dhadhal & Laxmipriya Nampoothiri. “Non-polar phytocomponents of *Aloe barbadensis* Mill. act as potential therapeutic alternative for Polycystic Ovarian

Syndrome by targeting steroidogenic and metabolic receptors” at Global Conference on Reproductive Health with Focus on Occupational, Environmental and Lifestyle Factors and 29th Annual Meeting of the Indian Society for the Study of Reproduction and Fertility. New Delhi, India. 22nd -24th February 2019.

2. Arpi Dey, Radha Maharjan and Laxmipriya Nampoothiri. “Phytosterols isolated from Aloe barbadensis Mill., restore reproductive and metabolic complications in Letrozole-induced PCOS mouse model” at 23rd International Conference on Herbal and Alternative Remedies for Diabetes and Endocrine Disorders. Bangkok, Thailand. 2nd - 4th November 2017
3. Arpi Dey, Shweta Vasoya and Dr. Laxmipriya P. Nampoothiri. “Pharmacokinetics and bioavailability of Non-polar phytochemicals of Aloe vera gel and their role as an endocrine modulator in Letrozole induced PCOS rat model” at 19th European Congress of Endocrinology. Lisbon, Portugal. 20th -23rd May 2017.
4. Arpi Dey and Laxmipriya Nampoothiri. “Bioassay guided isolation and identification of steroid modulating phytochemicals from Aloe barbadensis Mill. Gel” at 4th International Congress for Ethnopharmacology, India, SFEC 2017, Bardoli, India. 23rd -25th February, 2017.
5. Radha Maharjan, Arpi Dey and Nampoothiri L. “Unraveling the molecular targets of Aloe vera gel towards management of female fertility in Letrozole induced PCOS Rat Model” at International Symposium on Integrative Physiology & Comparative Endocrinology and 34th Annual Meeting of the Society for Reproductive Biology and Comparative Endocrinology (SRBCE), Department of Zoology, Banaras Hindu University, Varanasi, India. 12th -14th February 2016.
6. Laxmipriya P. Nampoothiri, Radha Maharjan and Arpi Dey “Implication of. non-polar phyto-components of Aloe vera gel in management of Polycystic Ovarian Syndrome” at European Congress of Endocrinology (ECE), Dublin, Ireland, 16th -20th May, 2015.
7. Arpi Dey, Shivani Dhadhal and Laxmipriya Nampoothiri. “Comparative evaluation of Non-Polar extracts of Aloe vera gel in management of Polycystic Ovarian Syndrome.” at International Conference on Bioactive Chemicals for reproduction and Human Health & 33rd Annual Meeting of the Society for Reproductive Biology and Comparative Endocrinology; Davangere, India. 26th -28th February 2015.
8. Dey A., Chaudhary M., Soni R., Patel B. and Nampoothiri L.P. “Ovarian structure-function alterations in L-methionine treated hyper-homocysteinemia rat model” at

National Conference on Emerging trends in Biochemical Sciences; Vadodara, India.
29th -31st December 2014.

9. Dey A. and Nampoothiri L.P. “Letrozole induced dose and time- dependent development of a Polycystic Ovarian Syndrome mouse model” at International Conference on Recent trends in Biomedical Sciences & 32nd Annual Meeting of Society for reproductive Biology & Comparative Endocrinology, Tiruchirapalli, India. 7th -9th January 2014.