

CHAPTER – 8
REFERENCES

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LIST OF PUBLICATIONS

LIST OF PAPERS COMMUNICATED/ACCEPTED/PUBLISHED/ PRESENTED

Papers

1. Thakur, A.K., **Dey, A.**, Chatterjee, S.S., Kumar, V., 2015. Reverse Ayurvedic pharmacology of Ashwagandha as an adaptogenic anti-diabetic plant: A pilot study. *Current Traditional Medicine*. 1(1), 51-61.
2. Kumar, V., **Dey, A.**, Hadimani, M.B., Marcovic, T., Emerald, M., 2015. Chemistry and Pharmacology of *Withania somnifera*: An Update. *TANG [Humanitas Medicine]*. 5(1), e1.
3. Shrivastava, N., **Dey, A.**, Chatterjee, S.S., Kumar, V., 2015. Adaptogenic Potential of Triethylene Glycol and Quercetin in Stressed Mice. *Pharmacy & Pharmacology International Journal*. 2(6), 00041.
4. **Dey, A.**, Chatterjee, S.S., Kumar, V., 2016. Low dose effects of a *Withania somnifera* extract on marble burying behaviour in stressed mice. *Journal of Intercultural Ethnopharmacology*. 5(3): 274–277.
5. **Dey, A.**, Chatterjee, S.S., Kumar, V., 2016. Analgesic activity of a *Withania somnifera* extract in stressed mice. *Oriental Pharmacy and Experimental Medicine*. 16(4): 295-302.
6. **Dey, A.**, Chatterjee, S.S., Kumar, V., 2017. Phyto-pharmacology of Ashwagandha as an anti-diabetic herb. In: Kaul, S., Wadhwa, R., (eds) *Science of Ashwagandha: Preventive and Therapeutic Potentials*. Springer International Publishing, USA. pp 37–68.
7. Verma, S., **Dey, A.**, Kumar, V., 2017. Potential of *Curcuma longa* and *Withania somnifera* for diabetes and associated neurological comorbidities. In: Kumar, V., Addepalli, V., (eds) *Herbs for Diabetes & Neurological Disorders*. Apple Academic Press, New Jersey; USA. pp 117 - 150.

Abstracts in National and International Scientific Conferences

1. **Dey, A.,** Chatterjee, S.S., Kumar, V., Potential anti-anxiety effect of *Withania somnifera* root extract on marble burying test in mice. International Conference on "Recent Advances on the Role of Basic Sciences in Ayurvedic Medicine (ICRARBSAM)." Organized by Mahima Research Foundation and Social Welfare, Banaras Hindu University, Varanasi. October 18-19, 2014.
2. **Dey, A.,** Chatterjee, S.S., Kumar, V., Comparison of the adaptogenic efficacy of three different *Withania somnifera* extracts in mice. 47th Annual Conference of the Indian Pharmacological Society (IPSCON) "Innovations in Pharmacology - Rapid Changing Scenario in Drug Discovery." Organized by Gauhati Medical College and NIPER, Guwahati. December 28-30, 2014.
3. **Dey, A.,** Chatterjee, S.S., Kumar, V., Effects of a *Withania somnifera* extract in a stressed mice model for obsessive-compulsive disorders. 2nd International Congress of Society for Ethnopharmacology (SFEC - 2015). Organized jointly by Society for Ethnopharmacology, India and Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. February 20-22, 2015.
4. **Dey, A.,** Chatterjee, S.S., Kumar, V. Comparison of effects of single and repeated doses of *Withania somnifera* extract in mice. 15th International Congress of the International Society for Ethnopharmacology (15th ISE Congress). Organized by Al-Balqa Applied University in collaboration with the International Society for Ethnopharmacology, Petra, Jordan. 05-08 May, 2015.
5. **Dey, A.,** Chatterjee, S.S., Kumar, V., Comparison of marble burying behaviour of three different *Withania somnifera* extracts in stressed mice. 48th Annual Conference of the Indian Pharmacological Society (IPSCON-2015) "Cutting-Edge Pharmacology: Contemporary Issues and Future Challenges." Organized by Department of Pharmaceutical Sciences, Saurashtra University, Rajkot, Gujarat. December 18-20, 2015.

6. **Dey, A., Kumar, V.,** Effect of *Withania somnifera* extracts on cholinergic functions in diabetic rats. 49th Annual Conference of the Indian Pharmacological Society (IPSCON-2016). Organized by PGIMER, Chandigarh. October 20-23, 2016.

Research Coverage by Print Media

1. **Print-News:** ‘Bhay aur Hinta Ko Door Karti Ashwagandha’. Appeared in Dainik Jagran (Varanasi edition, Hindi News Daily), June 05, 2015.
2. **Print-News:** ‘Dard Nivarak Gun Bhi hai Ashwagandha Mai’. Appeared in Hindustan (Varanasi edition, Hindi News Daily), August 18, 2016.

APPENDICES

BANARAS HINDU UNIVERSITY
FACULTY OF MEDICINE
INSTITUTE OF MEDICAL SCIENCES

Appendix-1

No. Dean/2014/ CAEC/604

Dated: 30.05.2014

The Head
Department of Pharmaceutics
Indian Inst. Of Technology
Banaras Hindu University


Dear Sir

A meeting of the Central Animal Ethical Committee of the University was held on 30.05.2014 at 4.00 PM P.M in the Chamber of the Dean, Faculty of Medicine, IMS for animal ethical clearance of the proposal submitted by the following. :

Name of the Student : Ms/Mr Amitabha Dey
Title — Comparison of therapeutically interesting bioactivity profiles of withania extracts in rodent models
Ethical Observation-
Remarks: The synopsis is approved by the Central Animal Ethical Committee of the University

This is for your information and necessary action at your end.

Yours sincerely,



(MANDAVI SINGH)

DEAN

&

CHAIRMAN

CENTRAL ANIMAL ETHICAL COMMITTEE OF THE UNIVERSITY

NATURAL REMEDIES
PRIVATE LIMITED
 5B, Veerasandra Indl. Area, Hosur Road. Bangalore-560 100
 Tel: 91-80-40209997 to 99
 Fax: 91-80-40209817, E-mail: qc@naturalremedy.com
Quality Control Department




CERTIFICATE OF ANALYSIS

Product name : *Withania somnifera* extract
Part used : Aerial parts

Batch No. : RD/3160
Lab Reference / Report No. : FP1306121
Mfg. date : June 2013

TEST RESULTS

SL. NO.	TESTS	RESULT	TEST PROTOCOL
1.	Description	Brown colour powder.	-
2.	Phytochemical Analysis Total withanolides (% w/w)	3.0	By HPLC
 AUTHORISED SIGNATORY			


Natural Solutions for Healthy Living




CERTIFICATE OF ANALYSIS

Product name : *Withania somnifera* extract
Part used : Stem

Batch No.
Lab Reference / Report No.
Mfg. date

: RD/3161
 : PC1403163
 : March 2014

TEST RESULTS

SL. NO.	TESTS	RESULT	TEST PROTOCOL
1.	Description	Brown colour lumps	-
2.	Phytochemical Analysis Total withanolides (% w/w)	1.5	By HPLC
 AUTHORISED SIGNATORY			



निस्केयर
NISCAIR



सीएसआईआर - राष्ट्रीय विज्ञान संचार एवं सूचना स्रोत संस्थान
CSIR-NATIONAL INSTITUTE OF SCIENCE COMMUNICATION
AND INFORMATION RESOURCES

(वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद्)
(Council of Scientific and Industrial Research)

डॉ. के. एस. कृष्णन् मार्ग, नई दिल्ली 110 012
Dr. K. S. KRISHNAN MARG, (Near Pusa Gate), NEW DELHI 110 012
14, सत्संग विहार मार्ग, नई दिल्ली 110 067
14, SATSANG VIHAR MARG, NEW DELHI 110 067

Ref.No. NISCAIR/RHMD/Consult/2014/ 2482-61-12

14/07/2014

Dr. (Mrs) Sunita Garg
Chief Scientist
Raw Material Herbarium and Museum, Delhi (RHMD)
CSIR-NISCAIR
sunitag@niscair.res.in; sunita.niscair@gmail.com
91-11-25846001; 25846301 ext. 258

CERTIFICATE FOR ROOTS SAMPLE IDENTIFICATION

This is to certify that the roots sample, Batch No. RHD-115, received as *Withania somnifera* from M/s Natural Remedies, Pvt. Ltd. Bangalore vide their letter No. NRPL/RS/2014/177 dated 9th July 2014 for authentication has been found correct as roots sample of *Withania somnifera* **Dunal** (Fam.-Solanaceae). The identification has been done on the basis of macroscopic studies of the sample followed by detailed scrutiny of literature and matching the sample with authentic sample No.941/125 deposited in the Raw Material Herbarium and Museum, Delhi (RHMD). Identification pertains to the quantity/quality of specimen/sample(s) received in RHMD.

Yours Sincerely


(Dr. Sunita Garg)

Mr. Ramesh Kathi
Sr. Officer-Documentation
Natural Remedies Pvt. Ltd.
5-B, Veerasandra Industrial area, 19th Km. Stone
Hosur Road, Electronic City Post
Bangalore-560 100, Karnataka