

DAY 1: MONDAY, FEBRUARY 19, 2018

Registration			09:30-10:30
Inauguration			10:30-11:15
Key Note	Anil Tripathi	Evidence-based scientific validation of plant-derived naturals for Health, Nutraceuticals and Cosmetics: Priorities and Roadmaps for Global Positioning	11:15-12:00
High Tea			12:00-12:30

Technical Session I Plant Based Natural Products : 12:30-2:30 pm

Chairperson : Nativ Dudai
Co-chairperson : P.K. Choudhury
Rapporteur : Sunita Panchawat

Invited Lectures

<i>Sahal</i> Dinkar	IL-10: Need to choose among medicinal plant (MP), its magic bullet phytometabolite (MBP) or even MBP + MP	12:30-01:15
<i>Kaushik</i> Nutan	IL-06: Bioprospecting of medicinal plants	01:15-02:00

Oral Presentations

<i>Singh</i> Ruchi	O-18: Adjustment in primary and secondary metabolic pathways of <i>Withania somnifera</i> under drought	02:00-02:15
<i>Singh</i> Bhawani	O-17: Synthesis of 1,2,4-Triazolo fused 1,5-Benzodiazepine, 1,5-Benzoxazepine and 1,5-Benzothiazepine as medicinally potent agents	02:00-02:30

LUNCH BREAK

02:30-03:30

Technical Session II Phytotherapeutics and Phytocosmetics: 3:30-5:30 pm

Chairperson : Dinkar Sahal
Co-chairperson : L.S.Chauhan
Rapporteur : Rakhi Nagori

Invited Lectures

<i>Hetta</i> Mona	IL-04: Biological benefits of peanuts pericarp	03:30-04:15
<i>Palanisamy</i> Uma	IL-09: Geraniin-enriched extract, a potential prebiotic for metabolic syndrome	04:15-05:00

Oral Presentations

<i>Habibi</i> Nazima	O-05: Conservation of <i>Rhanterium eppaposum</i> Oliv. native medicinal plant of Kuwait	05:00-05:15
<i>Joshi</i> Neelu	O-08: Micropropagation of <i>Barleria prionitis</i> L.- Role of liquid media, antioxidants and silver nitrate	05:15-05:30

POSTER SESSIONS

Evaluation Committee

Convener : Prof. Shiva Thakur
Co-conveners : B.P. Nagori

Poster Session I : 1:30-3:30

Author	Title	Poster No.
<i>Agarwal</i> Princy	Quality issues of herbal formulations and nutraceuticals: An urgent call for safety	PP-01
<i>Arora</i> Rimjhim	Development and evaluation of herbal shampoo	PP-02

Ashrani Sunil	Evaluation of anti-oxidising property of <i>Aloe vera</i> : a source of wonder drug for various illnesses	PP-03
Bhatnagar Aayushi	Medicinal and cosmoceutical importance of <i>Commiphora wightii</i>	PP-04
Jain Kiran Bala	Pumpkin seeds: An emerging nutraceutical	PP-05
Khatri Anirudh	Prosois gum: A prospective additive for pharmaceutical formulations	PP-06
Pandey Priyambada	<i>Musa</i> : A banana species effective in dissolving kidney stones	PP-07
Porwal Sunil Rai	Phytoremedial management of textile effluent: A review	PP-08
Sharma Sumit	Re-embodiment of traditional medicinal system with new approaches in phytotherapeutics	PP-09
Singh Yashwant	Beauty and herbal cosmetics	PP-10
Sirvi Kiran	Aswagandha: A natural remedy for various illnesses	PP-11
Tank Nirali	Preliminary phytochemical analysis and HPTLC fingerprinting of <i>Pueraria tuberosa</i> (Roxb. ex Willd.) DC. – An important medicinal plant	PP-12
Tewari Himani	Discovery and development of anti-diabetic agents from natural products	PP-13
Yasmeen Sayeed Shaziya	Phytonanoceuticals: an innovative step in phytotherapeutics	PP-14

Poster Session II : 3.30 : 5:30 pm

Evaluation Committee

Convener : Uma Palanisamy
Co-conveners : Neelu Joshi

Author	Title	Poster No.
Chopra Jaishri	Anti-diabetic activity evaluation of hydroxytriazenes derived from Sulphanilamide	P-06
Fenin Vikas	Natural polysaccharides as carrier for site specific delivery of drugs to colon	P-09
Hetta M.H.	<i>In vitro</i> antidiabetic activity of <i>Eruca sativa</i>	P-12
Jain Nishi Prakash	Formulation and <i>in vitro</i> evaluation of colon specific drug delivery system of anthelmintic herb	P-13
Jain Pankaj Kumar	Investigation of the pharmacognostical, phytochemical and antioxidant studies of <i>Phoenix sylvestris</i> roxb. leaves	P-14
Jain Sonika	Quantification of flavonoids by HPTLC in methanolic leaf extract of Phoenix sylvestris Roxb.	P-15
Kumar Manish	Applications of nanoemulsion system in delivery of bioactive compounds	P-22
Patel Illa	A validated HPTLC method for quantification of ellagic acid- an important flavonoid from leaf, bark, fruit and root of <i>Terminalia arjuna</i> , <i>T. bellerica</i> and <i>T. chebula</i>	P-28
Pathan S. Ismail	Biological activity of sulphanilamide based hydroxytriazenes and their cobalt complexes	P-30
Shahrukh Khan Zai Mohd	Constituents from <i>Tridax procumbens</i>	P-36
Shukla Ajay Kumar	Isolation and characterization of tamarind seed gum as pharmaceutical excipient	P-38
Bhouriyal Laxman Singh	Optimization of polyphenolics from leaves of <i>Paris polyphylla</i> : A high value Himalayan medicinal herb	P-4

CULTURAL PROGRAM AND DINNER

at

Amantra Resorts, Near Shilpgram, Udaipur from 8:00 – 10:00 PM

DAY 2: TUESDAY FEBRUARY 20, 2018

Technical Session III: Pharmaceutical Sciences: 9:30 am to 12:00 noon

Chairperson : C.P. Jain
Co-chairperson : Mona Hetta
Rapporteur : Harshada Joshi

Invited Lectures		
<i>Dudai</i> Nativ	IL-03: Development and breeding of plants as a source of natural ingredients for phytotherapy and phytocosmetics	09:30-10:10
<i>Nagori</i> B.P.	IL-08: Formulation, manufacture and commercialization of plant based natural products in phytotherapeutics	10:10-10:50
Oral Presentations		
<i>Panchawat</i> Sunita	O-12: The power of phytocosmetics: A review	10:50-11:05
<i>Pradhan</i> Joohee	O-14: Chemistry and Biology of pharmacologically active herbs: <i>Erythrina velutina</i> and <i>Erythrina mulungu</i>	11:05-11:20
<i>Arora</i> Jaya	O-2: Biotechnological approaches to <i>Pueraria</i> species for isoflavonoids biosynthesis	11:20-11:35
TEA BREAK		11:35-12:00

Technical Session IV: Biodiversity & Biotechnology of Plants: 12:00 noon to 2:30 pm

Chairperson : A.K. Singh
Co-chairperson : D.C. Bhandari
Rapporteur : Juhee Pradhan

Invited Lectures		
<i>Shekhawat</i> N.S.	IL-12: Biology and biotechnology of medicinal plants of fragile ecosystem – the Thar Desert	12:00-12:45
<i>Kasera</i> P.K.	IL-05: Evaluation of phytochemical variations in medicinal plants of Rajasthan	12:45-01:30
Oral Presentations		
<i>Fasake</i> Vinayak	O-04: An alternative or optional source of non-wood fiber material (weeds) for papermaking	01:30-01:45
<i>Harish</i>	O-06: Potential applications of repurposed Cas9 for structural and functional genomics of plants	01:45-02:00
<i>Trivedi</i> Rohini	O-20: Effect of different culture vessels and closures on <i>in vitro</i> shoot growth and multiplication in peanut	02:00-02:15
<i>Joshi</i> Preetam	O-09: Some natural extracts from plants as low-cost alternatives for synthetic PGRs in rose micropropagation	02:15-02:30
LUNCH BREAK		02:30-03:30

Technical Session IV: Plants, Microbes and Environment : 3.30-6 :00 pm

Chairperson : N.S. Shekhawat
Co-chairperson : P.K. Kasera
Rapporteur : Nazima Habibi

Invited Lectures		
<i>Sundaramoorthy</i> S.	IL-14: Importance of exploring desert algae for bioremediation of heavy metals	03:30-04:15

<i>Sharma</i> Satish	IL-11: Medicinal plant diversity in Aravallis	04:15-05:00
Oral Presentations		
<i>Pokhar</i> Rawal	O-15: Integrated management of downy mildew (<i>Peronospora arborescens</i>) of opium poppy through organic practices to increase the yield and morphine content	05:00-05:15
<i>Sen</i> Monica	O-16: Amelioration of zinc tolerance in <i>Triticum aestivum</i> L. by inoculation of <i>Pseudomonas aeruginosa</i> PSB51	05:15-05:30
<i>Pattnaik</i> Ashok	O-13: Anti-obesity activity of <i>Syzygium cumini</i> (Linn.) seed and <i>Terminalia chebula</i> (Retz.) fruit extract on monosodium glutamate and high fat diet induced obese mice	05:35-05:45
<i>Anasane</i> Pradnya	O-01: Pharmacognostic studies and antioxidant potential of the leaves of <i>Plumeria rubra</i> L.	05:45-06:00

Poster Session III : 1:30-3:30 pm

Evaluation Committee

Convener : Nativ Dudai
Co-convener : Mona Hetta

Author	Title	Poster No.
<i>Mishra</i> Mansi	Synthesis of silver nanoparticles through medicinal plants and its antimicrobial activity against pathogens	P-25
<i>Ojha</i> Monu Dinesh	Low cost technology development for mass scale production of <i>Podophyllum hexandrum</i> Royale	P-27
<i>Saxena</i> Pallavi	Exploring algae as an unconventional source of cosmetics, therapeutics and nutraceuticals	P-34
<i>Singhvi</i> Anamika	Improved rooting conditions for <i>in vitro</i> derived shoots of <i>Achras sapota</i>	P-41
<i>Sirvi</i> Kiran	Aswagandha: A natural remedy for various illnesses	P-42
<i>Soni</i> Arti	Evaluation of secondary metabolites in some tuberous medicinal plants from Sitamata wildlife sanctuary, Pratapgarh (Rajasthan)	P-44
<i>Srivastava</i> Ayushi	Ensuring compliance of quality norms for Indian Honey through E-traceability	P-45
<i>Suthar</i> R.K.	Biological hardening of <i>in vitro</i> derived <i>Terminalia bellerica</i> Roxb. plantlets using endophytic root fungus <i>Piriformospora indica</i>	P-46
<i>Tak</i> Kiran	Factors affecting micropropagation of <i>Feronia limonia</i> L. (Swingle) through cotyledonary nodes	P-47
<i>Vishnoi</i> Ram Singh	Comparative fingerprint and extraction yield of <i>Prosopis cineraria</i> (Lin.) Druce. leaves with phenol compounds (Gallic acid), as determined by UV and FT-IR spectroscopy	P-49
<i>Nagori</i> Rakhi	Molecular characterization of diversity among natural populations of <i>Boswellia serrata</i> using molecular markers	P-50

Poster Session IV : 4:00-6:00 pm

Evaluation Committee

Convener : A.K.Goswami
Co-convener : R. S. Bhakuni

Author	Title	Poster No.
<i>Chauhan</i> Laxmi Kunwar	Synthesis, characterization and biological studies of some sulphadiazine based hydroxytriazenes	P-05

Dayma Varsha	Synthesis, characterization, antioxidant property evaluation of sulfoxazole based hydroxytriazenes	P-08
Jhala Yuvraj Kunwar	Photo degradation of erythrosin-b in the presence of tin dioxide	P-17
Khan Irfan	Diversity-oriented synthesis of novel benzimidazole <i>via</i> IMCR	P-19
Kumawat Monika	Synthesis of bis ethoxyphthalimido derivatized Schiff's bases and evaluation of antimicrobial activity	P-23
Matta Arpita	An efficient microwave-assisted regioselective synthesis of imidazo[2,1-b]thiazole scaffold	P-24
Nimodia Kshipra	The adsorptive removal of cadmium (II) ions from aqueous solution using "sawdust" as an adsorbent	P-26
Rathore Meena Kunwar	Neem leaf waste as a scavenger material for Cd (II) ions from aqueous medium	P-31
Salvi Pushplata	Anti-inflammatory, anti-oxidant activity of some hydroxytriazene-Pd (II) complexes	P-33
Sharma Poonam	<i>In vitro</i> anti-radical activity of sulphanilamide based hydroxytriazenes	P-37
Singh Karandeep	Catalyst-controlled selectivity: metal catalyzed intramolecular 7- <i>endo-dig</i> and 6- <i>exo-dig</i> post-Ugi cyclization	P-39
Singh Vinay Kumar	Facile synthesis of quinazolin-4-ones <i>via</i> metal catalyzed tandem C-C/C-O/C-N cross-coupling reaction sequence	P-40
Solanki Aruna	Synthesis and characterization of sulfa-drug based hydroxytriazenes	P-43

DAY 3: WEDNESDAY FEBRUARY 21, 2018

Technical Session VI: Relevance of Biodiversity Conservation Act: 9:30 am 12:00 noon

Chairperson : Jalal Ghaemghami
Co-chairperson : S. Sundaramoorthy
Rapporteur : Harish

Invited Lectures		
Singh A.K.	IL-13: Nagoya protocol CBD, facilitating collaborative development of plant based phytocosmetics, phytotherapeutics and phytonutraceuticals	09:30-10:15
Bhandari D. C.	IL-02: Agrobiodiversity conservation for sustainable agriculture development	10:15-11:00
Oral Presentations		
Jagetiya B.L.	O-07: Applications of botanical methods in mineral exploration: Present status and future prospects	11:00-11:15
Kambhate Hemant	O-10: Optimization and characterization of surface modified dendrimers for tumor targeting	11:15-11:30
TEA BREAK		11:30-12:00

Technical Session VII: Medicinal Plant Chemistry: 12:00 noon to 2:00 pm

Chairperson : Gotam Jarori
Co-chairperson : B.P. Nagori
Rapporteur : Prabhat Baroliya

Invited Lectures		
Bhakuni R.S.	IL-1: Chemistry of medicinal plants: processing and structural modification of lead phytotherapeutics	12:00-12:40
Tadigoppula N.	IL-15: Bioactive compounds from the Indian medicinal plants	12:40-01:20

Oral Presentations		
<i>Khan</i> Shahnawaz	O-11: A facile microwave assisted green synthesis of natural product inspired diverse spiropyrrolidine/thiapyrrolizidine oxindole derivatives	01:20-01:35
<i>Baroliya</i> Prabhat	O-03: Synthesis of hydroxytriazenes and their anti-diabetic and anti-oxidant activities	01:35-01:50
<i>Swaini</i> Sabyasachi	O-19: Fabrication and preliminary screening of microwave irradiated Crg-GG IPN: as scaffold	01:50-02:00

Poster Session V : 12:00 noon to 2:00 pm

Evaluation Committee

Convener : S.D. Purohit
Co-convener : Geeta Batra
 Preetam Joshi

Author	Title	Poster No.
<i>Babel</i> Priyanka	Micropropagation potential of <i>Feronia limonia</i> (L). Swingle under different culture environment	P-01
<i>Barupal</i> Meena	<i>In vitro</i> responses of <i>Corbichonia decumbens</i> : A medicinal plant from hot desert rocks	P-02
<i>Batra</i> Geeta	<i>In vitro</i> studies on <i>Vitex negundo</i> - a plant of immense medicinal potential	P-03
<i>Choudhary</i> Sumitra	Micro-morphological studies and plant regeneration from callus cultures of selected genotypes of <i>Momordica balsamina</i> : an important medicinal plant of family cucurbitaceae	P-07
<i>Goswami</i> Nikita	Effect of certain growth factors on <i>in vitro</i> adventitious shoot bud differentiation in <i>Celastrus paniculatus</i> - A plant of medicinal value	P-10
<i>Gupta</i> Pankhuri	Analyzing gene expressions and adaptive behaviour towards cold stress in a new perennial evergreen cold tolerant <i>Ocimum</i> HYBL-1 (inter specific hybrid back cross)	P-11
<i>Jain</i> Sunita	<i>In vitro</i> tuber formation and plant regeneration in <i>Ceropegia bulbosa</i>	P-16
<i>Joshi</i> Harshada	Assessment of plant growth promoting characteristics of <i>Pseudomonas oryzihabitans</i> PSB 55 isolated from rhizospheric soil of <i>Acacia</i> species	P-18
<i>Khan</i> Khushdil	Assessment of genetic stability in micropropagated <i>Wrightia tomentosa</i> (Roxb.) Roem et Schult using molecular markers	P-20
<i>Khurana</i> Nishu	Upgradation of biomass cracked bio-oil by olefination/esterification method	P-21
<i>Pathak</i> Sunny	Molecular studies on constructed wetlands microbes and applications for wastewater treatment	P-29
<i>Rathore</i> Pravina	Micropropagation studies on <i>Terminalia bellerica</i> Roxb.- a review	P-32
<i>Sen</i> Seema	Leaf Succulence in some Desert Plants	P-35
<i>Tripathi</i> Mahavir Prasad	Physico-chemical characterization of textile industrial effluent from Bhilwara city, Rajasthan, India	P-48
	VALEDICTORY	2:00-3:00
	LUNCH	3:00-4:00
	CERTIFICATE DISTRIBUTION	4:00-5:00

Note: Best poster award will be given for each poster session.