Annual Subject Index

2, 4-bis (1, 1-dimethylethyl) Natural anti-phytopathogenic fungi compound phenol, 2, 4-bis (1, 1-dimethylethyl) from <i>Pseudomonas fluorescens</i> TL-1	162	Albumin <i>Cannabis</i> as homeopathic dilutions: Thermal analysis and action on a protein
3,3'-dihexyloxacarbocyanine Nitric oxide induced polarization of myometrium cells plasmalemma revealed by application of fluorescent dye 3,3'-dihexyloxacarbocyanine	34	Alloxan Correlation of uric acid lev metabolism enzyme activit tissues of diabetic rats
293T cells		Alphonso
Proteomic changes in response to lipin1 overexpression in 293T human renal epithelial cells	466	Determination of fruit qua induced ripening in mango cv. Alphonso) by physiolo
4T1 cells		bio-enzymatic and element
Mild and transient heat shock enhances DNA integration following lipofection of recombinant plasmids in 4T1 cells	316	analysis (EDX) Amidase Green synthesis of acetohyd
5'-Nucleotidase		thermophilic amidase of Ba
Correlation of uric acid levels and purine metabolism enzyme activities in plasma and liver tissues of diabetic rats	433	Amino acid Applications of serum ami identification of cancer
A gotokydrowomia goid		Aminoguanidine
Acetohydroxamic acid Green synthesis of acetohydroxamic acid by	373	Synthesis and antibacterial
thermophilic amidase of <i>Bacillus smithii</i> IIIMB2907	575	aminoguanidine or dihydro Antiadhesive Production and characteriz
Acetylcholinesterase		from <i>Halomonas</i> sp. BRI3
Evaluation of acetylcholinesterase and	224	Anti-aging
butyrylcholinesterase inhibitory activity of Huperzine-A; <i>in silico</i> and <i>in vitro</i> studies Acid black 52		Comparative study on mel collagen expression profile
Coupling dye degradation and biodiesel production	309	their glycosides
by <i>Geitlerinema</i> sp TRV27		Antibacterial activities Synthesis and antibacterial
Acinetobacter baumannii		aminoguanidine or dihydro
In silico and in vitro analysis of quorum quenching	276	Antibacterial effect
active phytochemicals from the ethanolic extract of		Cytotoxic, antimicrobial an
medicinal plants against quorum sensing mediated virulence factors of <i>Acinetobacter baumannii</i>		activity of Salgam
Action of heat		Anticancer activity
Formation of long-lived reactive products in blood	214	Bioreduction of silver nano parts of <i>Euphorbia hirta</i> L
serum under heat treatment and low-intensity laser		potent anticancer activities
irradiation, their role in hydrogen peroxide		neuroblastoma cell lines
generation and DNA damage		Anticancer
Acute Toxicity Potential antioxidative protein-pigment complex	230	The pharmacological poter
Spirulina platensis mediated food grade	250	Antidiabetic
phycocyanin C -Extraction, purification,		The pharmacological poter
antioxidative activity and biocompatibility		Antifungal activities
Acyl homeserine lactone (Ahl) Synthase	074	Synthesis and antibacterial aminoguanidine or dihydro
<i>In silico</i> and <i>in vitro</i> analysis of quorum quenching active phytochemicals from the ethanolic extract of	276	Antimicrobial
medicinal plants against quorum sensing mediated		The pharmacological poter
virulence factors of <i>Acinetobacter baumannii</i>		Antioxidant
Adenosine deaminase		Potential antioxidative pro
Correlation of uric acid levels and purine metabolism enzyme activities in plasma and liver	433	Spirulina platensis mediate phycocyanin C -Extraction
tissues of diabetic rats		antioxidative activity and b

Albumin	
<i>Cannabis</i> as homeopathic medicine in extreme dilutions: Thermal analysis for their differentiation	5
and action on a protein	
Alloxan	
Correlation of uric acid levels and purine	4
metabolism enzyme activities in plasma and liver	
tissues of diabetic rats	
Alphonso	
Determination of fruit quality of calcium carbide	2
induced ripening in mango (<i>Mangifera indica</i> L.	
cv. Alphonso) by physiological, biochemical, bio-enzymatic and elemental composition	
analysis (EDX)	
Amidase	
Green synthesis of acetohydroxamic acid by	3
thermophilic amidase of <i>Bacillus smithii</i> IIIMB2907	5
Amino acid	
Applications of serum amino acid levels in	:
identification of cancer	
Aminoguanidine	
Synthesis and antibacterial activity evaluation of	3
aminoguanidine or dihydrotriazine derivatives	
Antiadhesive	2
Production and characterization of biosurfactant from <i>Halomonas</i> sp. BRI3	3
Anti-aging	
Comparative study on melanin production and	1
collagen expression profile of polyphenols and	1
their glycosides	
Antibacterial activities	
Synthesis and antibacterial activity evaluation of	3
aminoguanidine or dihydrotriazine derivatives	
Antibacterial effect	
Cytotoxic, antimicrobial and DNA breaking	1
activity of Salgam	
Anticancer activity Bioreduction of silver nanoparticles from aerial	1
parts of <i>Euphorbia hirta</i> L. (EH-ET) and its	1
potent anticancer activities against	
neuroblastoma cell lines	
Anticancer	
The pharmacological potential of hesperidin	2
Antidiabetic	
The pharmacological potential of hesperidin	2
Antifungal activities	
Synthesis and antibacterial activity evaluation of	3
aminoguanidine or dihydrotriazine derivatives	
Antimicrobial	
The pharmacological potential of hesperidin	2
Antioxidant	
Potential antioxidative protein-pigment complex	2
Spirulina platensis mediated food grade	
phycocyanin C -Extraction, purification, antioxidative activity and biocompatibility	

Waterlogging tolerance in black gram [<i>Vigna</i> <i>mungo</i> (L.) Hepper] is associated with chlorophyll content and membrane integrity	81	Bioactive potential Isolation, identification and bioactive bacterial endophytes from <i>Coleus</i> Bioavailability
Anti-phytopathogenic Natural anti-phytopathogenic fungi compound phenol, 2, 4-bis (1, 1-dimethylethyl) from <i>Pseudomonas fluorescens</i> TL-1	162	Future prospects of fermentation in un drugs Biochemical parameters
Anti-schistosomal Cisplatin augments the anti-schistosomal effect of praziquantel in a schistosoma-infected cancer model	57	Protective potential of <i>Moringa oleifer</i> along with curcumin and piperine agai beryllium-induced alterations in hepat biochemistry and ultramorphology in h
Apple chlorotic leaf spot virus (ACLSV)		Biochemical
Genome cloning and genetic diversity of <i>Apple</i> chlorotic leaf spot virus	514	Determination of fruit quality of calciu induced ripening in mango (<i>Mangifera</i>
Arabidopsis thaliana L. Three dimensional structure prediction and ligand- protein interaction study of expansin protein	20	cv. Alphonso) by physiological, bioch bio-enzymatic and elemental composi- analysis (EDX)
ATEXPA23 from Arabidopsis thaliana L.		Biocompatibility
Arthrospira platensis Effect of Arthrospira platensis against Sodium fluoride induced haematological alternations	455	Potential antioxidative protein-pigmen Spirulina platensis mediated food grac phycocyanin C -Extraction, purification antioxidative activity and biocompatib
Aspergillus niger	475	Biofertilizers
Encapsulation of fungal extracellular enzyme cocktail in cellulose nanoparticles: Enhancement in enzyme stability	475	Molasses growth medium for producti <i>Rhizobium</i> sp. based biofertilizer
Pharmacological studies of Zinc oxide	500	Bioflavour
Nanoparticles ATEXPA23	500	Production of Bioflavour from Microb and its health benefits
Three dimensional structure prediction and ligand-	20	Biofuel
protein interaction study of expansin protein ATEXPA23 from <i>Arabidopsis thaliana</i> L.		Coupling dye degradation and biodies by <i>Geitlerinema</i> sp TRV27
Atom-to-atom pathways	10	Bioinoculant
Pathways linked by hydrogen bonds with redox- dependent breaks implicated in electron transfer in human cytochrome c protein	46	Molasses growth medium for producti <i>Rhizobium</i> sp. based biofertilizer Biomonitoring
		Impact of electroplating industry efflu
Bacillus lichiniformis		electrophoretic protein pattern of seru
Production of Bioflavour from Microbial Sources and its health benefits	352	freshwater fish Cyprinus carpio Bioreduction
Bacillus smithii IIIMB2907		Bioreduction of silver nanoparticles fr
Green synthesis of acetohydroxamic acid by thermophilic amidase of <i>Bacillus smithii</i>	373	parts of <i>Euphorbia hirta</i> L. (EH-ET) a anticancer activities against neuroblas
IIIMB2907		lines
Bacillus subtilis	500	Biorefineries
Pharmacological studies of Zinc oxide Nanoparticles	500	Optimization of cellulolytic enzyme pa
Beryllium body burden		thermophilic fungus <i>Thermoascus aur</i> using response surface methodology
Protective potential of Moringa oleifera Lam.	70	Biosurfactant
along with curcumin and piperine against		Production and characterization of bio
beryllium-induced alterations in hepatorenal		from <i>Halomonas</i> sp. BRI3
biochemistry and ultramorphology in rats		Black gram
Binary Binary immobilization: a newer approach for	358	Waterlogging tolerance in black gram
immobilizing lipase from a thermophilic sp. of	550	mungo (L.) Hepper] is associated with
Thermomyces lanuginosus		chlorophyll content and membrane int
Binding		Box-Behnken design (BBD)
<i>Cannabis</i> as homeopathic medicine in extreme dilutions: Thermal analysis for their differentiation and action on a protein	506	Optimization of cellulolytic enzyme p thermophilic fungus <i>Thermoascus aur</i> using response surface methodology
and action on a protein		using response surface memodology

Bioactive potential Isolation, identification and bioactive potential of bacterial endophytes from <i>Coleus</i>	392
Bioavailability	
Future prospects of fermentation in unani based	347
drugs	
Biochemical parameters	70
Protective potential of <i>Moringa oleifera</i> Lam. along with curcumin and piperine against	70
beryllium-induced alterations in hepatorenal	
biochemistry and ultramorphology in rats	
Biochemical	
Determination of fruit quality of calcium carbide	205
induced ripening in mango (Mangifera indica L.	
cv. Alphonso) by physiological, biochemical,	
bio-enzymatic and elemental composition	
analysis (EDX)	
Biocompatibility	220
Potential antioxidative protein-pigment complex	230
<i>Spirulina platensis</i> mediated food grade phycocyanin C -Extraction, purification,	
antioxidative activity and biocompatibility	
Biofertilizers	
Molasses growth medium for production of	378
Rhizobium sp. based biofertilizer	
Bioflavour	
Production of Bioflavour from Microbial Sources	352
and its health benefits	
Biofuel	
Coupling dye degradation and biodiesel production by <i>Geitlerinema</i> sp TRV27	309
Bioinoculant	
Molasses growth medium for production of <i>Rhizobium</i> sp. based biofertilizer	378
Biomonitoring	
Impact of electroplating industry effluent on the	460
electrophoretic protein pattern of serum in the freshwater fish <i>Cyprinus carpio</i>	
Bioreduction	
Bioreduction of silver nanoparticles from aerial	132
parts of Euphorbia hirta L. (EH-ET) and its potent	
anticancer activities against neuroblastoma cell	
lines	
Biorefineries	
Optimization of cellulolytic enzyme production by	399
thermophilic fungus <i>Thermoascus aurantiacus</i> using response surface methodology	
Biosurfactant	
Production and characterization of biosurfactant	384
from Halomonas sp. BRI3	364
Black gram	
Waterlogging tolerance in black gram [Vigna	81
mungo (L.) Hepper] is associated with	
chlorophyll content and membrane integrity	
Box-Behnken design (BBD)	200
Optimization of cellulolytic enzyme production by thermophilic fungus <i>Thermoascus aurantiacus</i>	399

Breast cancer cell lines		CH-л interaction	
Bioreduction of silver nanoparticles from aerial	132	Three dimensional structure prediction and ligand-	20
parts of <i>Euphorbia hirta</i> L. (EH-ET) and its potent	102	protein interaction study of expansin protein	20
anticancer activities against neuroblastoma cell lines		ATEXPA23 from <i>Arabidopsis thaliana</i> L.	
Butyrylcholinesterase		<i>Cicer arietinum</i> L.	
Evaluation of acetylcholinesterase and	224	Purification, Characterization and Functional	117
butyrylcholinesterase inhibitory activity of		Analysis of a Serine Protease Inhibitor from the	117
Huperzine-A; in silico and in vitro studies		Pulps of <i>Cicer arietinum</i> L. (Chick Pea)	
		Circular dichroism spectrum	
Cajanus cajan L.		Purification, Characterization and Functional	117
Acid and salt tolerance behavior of Rhizobium	245	Analysis of a Serine Protease Inhibitor from the	117
isolates and their effect on microbial diversity in		Pulps of <i>Cicer arietinum</i> L. (Chick Pea)	
the rhizosphere of redgram (Cajanus cajan L.)		Circular dichroism	
Effect of different carbon, nitrogen and vitamin	86	Molecular simulation and spectroscopic studies on	185
sources on exopolysaccharide production of three	80	the interaction between perfluorohexadecanoic acid	
<i>Rhizobium</i> species isolated from root nodule of		and human serum albumin	
redgram		Cisplatin	
Calcium carbide		Cisplatin augments the anti-schistosomal effect of	57
Determination of fruit quality of calcium carbide	205	praziquantel in a schistosoma-infected cancer	
induced ripening in mango (Mangifera indica L.		model	
cv. Alphonso) by physiological, biochemical,		Citronella	
bio-enzymatic and elemental composition		Production of Bioflavour from Microbial Sources	352
analysis (EDX)		and its health benefits	
Cancer identification		Citrus limon (L.)	
Applications of serum amino acid levels in	53	Assessment of peppermint, clove, cumin essential	269
identification of cancer		oils and silver nano particles on biochemical and	
Cancer therapy	7	shelf life of Citrus limon (L.)	
Free radicals and antioxidants in normal versus cancerous cells — An overview	7	Clove	
Cannabis		Assessment of peppermint, clove, cumin essential	269
<i>Cannabis</i> as homeopathic medicine in extreme	506	oils and silver nano particles on biochemical and	
dilutions: Thermal analysis for their differentiation	500	shelf life of <i>Citrus limon</i> (L.)	
and action on a protein		Cognition	22.4
Carboxymethyl cellulose (CMC)		Evaluation of acetylcholinesterase and	224
Physicochemical studies of closed loop insulin	125	butyrylcholinesterase inhibitory activity of	
delivery system based on intelligent carboxymethyl		Huperzine-A; <i>in silico</i> and <i>in vitro</i> studies Coleus aromaticus	
cellulose hydrogel		Isolation, identification and bioactive potential of	392
Ca _V channels		bacterial endophytes from <i>Coleus</i>	572
Ghrelin and Leptin increase voltage-gated Na ⁺ and	193	Coleus forskohlii	
Ca ²⁺ currents in the RIN-m5f insulin-producing		Isolation, identification and bioactive potential of	392
cell line		bacterial endophytes from <i>Coleus</i>	
Cellulose nanoparticle	175	Colorectal cancer	
Encapsulation of fungal extracellular enzyme	475	High expression of nucleophosmin is closely	420
cocktail in cellulose nanoparticles: Enhancement in		related to the grade and invasion of colorectal	
enzyme stability Cellulolytic enzyme		cancer	
Optimization of cellulolytic enzyme production by	399	Column chromatography	
thermophilic fungus <i>Thermoascus aurantiacus</i>	399	Natural anti-phytopathogenic fungi compound	162
using response surface methodology		phenol, 2, 4-bis (1, 1-dimethylethyl) from	
Chitosan		Pseudomonas fluorescens TL-1	
Binary immobilization: a newer approach for	358	Competitive/non-competitive inhibition Purification, Characterization and Functional	117
immobilizing lipase from a thermophilic sp. of		Analysis of a Serine Protease Inhibitor from the	117
Thermomyces lanuginosus		Pulps of <i>Cicer arietinum</i> L. (Chick Pea)	
Chlorophyll		Computational analysis	
Waterlogging tolerance in black gram [Vigna	81	In silico characterization of structural and	492
mungo (L.) Hepper] is associated with chlorophyll		functional impact of the deleterious SNPs on	
content and membrane integrity		FSHR gene	
Cholesterol		Cumin	
Cholesterol lowering and antioxidant potential of	363	Assessment of peppermint, clove, cumin essential	269
probiotic bacteria isolated from locally fermented		oils and silver nano particles on biochemical and	
milk product <i>kalarei</i>		shelf life of Citrus limon (L.)	

Curroumin	
Curcumin Protective potential of <i>Moringa oleifera</i> Lam. along with curcumin and piperine against beryllium-induced alterations in hepatorenal biochemistry and ultramorphology in rats	70
Cyanoabcteria	
Coupling dye degradation and biodiesel production by <i>Geitlerinema</i> sp TRV27	309
<i>Cyprinus carpio</i> Impact of electroplating industry effluent on the electrophoretic protein pattern of serum in the freshwater fish <i>Cyprinus carpio</i>	460
Cystoliths Elemental composition and X-ray diffraction studies of <i>Strobilanthes</i> species	144
Cytochrome c	
Pathways linked by hydrogen bonds with redox- dependent breaks implicated in electron transfer in human cytochrome c protein Cytokines	46
<i>In silico</i> interaction of hesperidin with some immunomodulatory targets: A docking analysis	28
Cytotoxicity Comparative study on melanin production and collagen expression profile of polyphenols and their glycosides	137
Isolation, identification and bioactive potential of bacterial endophytes from <i>Coleus</i>	392
Metallopharmaceuticals: Synthesis, characterization and bio-active studies	325
Synthesis and antibacterial activity evaluation of aminoguanidine or dihydrotriazine derivatives	301
Decay percentage	
Assessment of peppermint, clove, cumin essential oils and silver nano particles on biochemical and shelf life of <i>Citrus limon</i> (L.)	269
Degradation	200
Coupling dye degradation and biodiesel production by <i>Geitlerinema</i> sp TRV27 Delocalized electron units	309
Pathways linked by hydrogen bonds with redox- dependent breaks implicated in electron transfer in human cytochrome c protein	46
Diabetes Application of multiple linear regression and machine learning algorithms to elucidate the association of poor glycemic control and hyperhomocysteinemia with microalbuminuria	150
Correlation of uric acid levels and purine metabolism enzyme activities in plasma and liver tissues of diabetic rats	433
Physicochemical studies of closed loop insulin delivery system based on intelligent carboxymethyl cellulose hydrogel	125
Dietary antioxidants Oleuropein and oleic acid: A novel emerging dietary target for human chronic diseases	263

Differential scanning calor <i>Cannabis</i> as homeopath dilutions: Thermal anal and action on a protein		506
Differential thermal analys Metallopharmaceuticals characterization and bio	s: Synthesis,	325
aminoguanidine or dihy		301
bacterial endophytes fro	and bioactive potential of	392
DNA damage Oxidation products of I among the individuals p metabolic syndrome Dye		155
Coupling dye degradati by <i>Geitlerinema</i> sp TR	on and biodiesel production V27	309
	nd spectroscopic studies on perfluorohexadecanoic acid nin	185
EDS		
Elemental composition studies of <i>Strobilanthes</i>		144
Ehrlich ascites Cisplatin augments the praziquantel in a schiste model	anti-schistosomal effect of osoma-infected cancer	57
	tint, clove, cumin essential ticles on biochemical and $n(L_{n})$	269
Electron microscopy		
Protective potential of <i>l</i> along with curcumin an beryllium-induced alter biochemistry and ultran	d piperine against ations in hepatorenal	70
	lrogen bonds with redox- cated in electron transfer in rotein	46
Electroplating Industrial Et Impact of electroplating electrophoretic protein freshwater fish <i>Cyprinu</i>	g industry effluent on the pattern of serum in the	460
	uality of calcium carbide ngo (<i>Mangifera indica</i> L. ological, biochemical,	205
Emerita asiatica		
Impact of sand organic changes on the populati morphometric character the East Coast of South	on density and asiatica in	240

Emulsification		Extreme dilutions	
Production and characterization of biosurfactant	384	Cannabis as homeopathic medicine in extreme	506
from Halomonas sp. BRI3		dilutions: Thermal analysis for their differentiation	
Encapsulation		and action on a protein	
Encapsulation of fungal extracellular enzyme	475	Fermentation	
cocktail in cellulose nanoparticles: Enhancement		Future prospects of fermentation in unani based	347
in enzyme stability		drugs	
Endophytes Isolation, identification and bioactive potential of	392	Flavonoid	127
bacterial endophytes from <i>Coleus</i>	392	Comparative study on melanin production and collagen expression profile of polyphenols and	137
Endotoxemia		their glycosides	
Ultraviolet-C haematogenous oxidation therapy of	445	Follicle stimulating hormone receptor (FSHR)	
lipopolysaccharide-induced endotoxemia in a	1.10	In silico characterization of structural and	492
rabbit model: A biochemical study		functional impact of the deleterious SNPs on	
Enterococcus faecalis		FSHR gene	
K2 Cholesterol lowering and antioxidant potential	363	Free water	506
of probiotic bacteria isolated from locally		<i>Cannabis</i> as homeopathic medicine in extreme dilutions: Thermal analysis for their differentiation	500
fermented milk product <i>kalarei</i>		and action on a protein	
Enzyme cocktail	175	-	
Encapsulation of fungal extracellular enzyme	475	Gas chromatography	
cocktail in cellulose nanoparticles: Enhancement in enzyme stability		Natural anti-phytopathogenic fungi compound phenol, 2, 4-bis (1, 1-dimethylethyl) from	162
Enzyme kinetics		Pseudomonas fluorescens TL-1	
Expression, purification and characterization of a	105	Geitlerinema sp	
biologically active and thermally stable human	105	Coupling dye degradation and biodiesel production	309
lysyl oxidase		by Geitlerinema sp TRV27	
Purification, Characterization and Functional	117	Genetic diversity	
Analysis of a Serine Protease Inhibitor from the		Genome cloning and genetic diversity of Apple	514
Pulps of <i>Cicer arietinum</i> L. (Chick Pea)		chlorotic leaf spot virus	
Enzyme stability	175	Genome clone	
Encapsulation of fungal extracellular enzyme cocktail in cellulose nanoparticles: Enhancement	475	Genome cloning and genetic diversity of <i>Apple</i>	514
in enzyme stability		chlorotic leaf spot virus Genotoxicity	
Epithelial cells		Cytotoxic, antimicrobial and DNA breaking	169
Proteomic changes in response to lipin1	466	activity of Salgam	
overexpression in 293T human renal epithelial		Geotrichum fragans	
cells		Production of Bioflavour from Microbial Sources	352
EPS		and its health benefits	
Effect of different carbon, nitrogen and vitamin	86	Geraniol Production of Bioflavour from Microbial Sources	352
sources on exopolysaccharide production of three		and its health benefits	552
<i>Rhizobium</i> species isolated from root nodule of redgram		Ghrelin	
Escherichia coli		Ghrelin and Leptin increase voltage-gated Na ⁺ and	193
Pharmacological studies of Zinc oxide	500	Ca ²⁺ currents in the RIN-m5f insulin-producing	
Nanoparticles		cell line	
Essential oils		Green synthesis Green synthesis of acetohydroxamic acid by	373
Assessment of peppermint, clove, cumin essential	269	thermophilic amidase of <i>Bacillus smithii</i>	575
oils and silver nano particles on biochemical and shelf life of <i>Citrus limon</i> (L.)		IIIMB2907	
Euphorbia hirta L.		Glycolipoprotein	
Bioreduction of silver nanoparticles from aerial	132	Production and characterization of biosurfactant	384
parts of Euphorbia hirta L. (EH-ET) and its		from Halomonas sp. BRI3	
potent anticancer activities against		Glycosides Comparative study on melanin production and	137
neuroblastoma cell lines		collagen expression profile of polyphenols and	157
Exopolysaccharide	07	their glycosides	
Effect of different carbon, nitrogen and vitamin sources on exopolysaccharide production of three	86	Halotolerant	
<i>Rhizobium</i> species isolated from root nodule of		Production and characterization of biosurfactant	384
redgram		from <i>Halomonas</i> sp. BRI3	201
		-	

HbA1c		Hypercholesterolemia	
Application of multiple linear regression and machine learning algorithms to elucidate the association of poor glycemic control and hyperhomocysteinemia with microalbuminuria	150	Cholesterol lowering and antioxidant potential of probiotic bacteria isolated from locally fermented milk product <i>kalarei</i> Hyperhomocysteinemia	363
Heat shock Mild and transient heat shock enhances DNA integration following lipofection of recombinant plasmids in 4T1 cells	316	Methylenetetrahydrofolate reductase gene (C677T and A1298C) polymorphisms and hyperhomocysteinemia as risk factors for Myocardial Infarction	321
Hematological profile Effect of <i>Arthrospira platensis</i> against Sodium fluoride induced haematological alternations	455	Application of multiple linear regression and machine learning algorithms to elucidate the association of poor glycemic control and hyperhomocysteinemia with microalbuminuria	150
Heme biosynthesis Protective potential of <i>Moringa oleifera</i> Lam. along with curcumin and piperine against beryllium-induced alterations in hepatorenal biochemistry and ultramorphology in rats	70	Immobilization Binary immobilization: a newer approach for immobilizing lipase from a thermophilic sp. of <i>Thermomyces lanuginosus</i>	358
Hepatorenal Protective potential of <i>Moringa oleifera</i> Lam. along with curcumin and piperine against	70	Immunomodulatory In silico interaction of hesperidin with some immunomodulatory targets: A docking analysis	28
beryllium-induced alterations in hepatorenal biochemistry and ultramorphology in rats Hesperidin		In silico In silico and in vitro analysis of quorum quenching active phytochemicals from the ethanolic extract of medicinal plants assist quorum assist medicidad	276
<i>In silico</i> interaction of hesperidin with some immunomodulatory targets: A docking analysis	28	medicinal plants against quorum sensing mediated virulence factors of <i>Acinetobacter baumannii</i> Inflammation	
The pharmacological potential of hesperidin Homeopathic medicine	287	<i>In silico</i> interaction of hesperidin with some immunomodulatory targets: A docking analysis	28
<i>Cannabis</i> as homeopathic medicine in extreme dilutions: Thermal analysis for their differentiation and action on a protein	506	Insulin Ghrelin and Leptin increase voltage-gated Na ⁺ and Ca ²⁺ currents in the RIN-m5f insulin-producing cell line	193
Homocysteine Application of multiple linear regression and machine learning algorithms to elucidate the association of poor glycemic control and hyperhomocysteinemia with microalbuminuria	150	Physicochemical studies of closed loop insulin delivery system based on intelligent carboxymethyl cellulose hydrogel Isoform Cloning and sequencing of α-2u globulin of rat	125
Homogentisic acid Changes of phenolic compounds in LebZIP2- overexpressing transgenic plants	484	preputial gland to assess its longevity in the context of developing an effective rodent trap Isothermal calorimetry (ITC)	
Human lysyl oxidase Expression, purification and characterization of a biologically active and thermally stable human	105	<i>Cannabis</i> as homeopathic medicine in extreme dilutions: Thermal analysis for their differentiation and action on a protein	506
lysyl oxidase Human serum albumin Molecular simulation and spectroscopic studies on the interaction between perfluorohexadecanoic acid	185	Jawarishat Future prospects of fermentation in unani based drugs	347
and human serum albumin Huperzine-A Evaluation of acetylcholinesterase and	224	<i>Kalarei</i> Cholesterol lowering and antioxidant potential of probiotic bacteria isolated from locally fermented	363
butyrylcholinesterase inhibitory activity of Huperzine-A; <i>in silico</i> and <i>in vitro</i> studies Hydrogel		milk product <i>kalarei</i> Kurds Methylenetetrahydrofolate reductase gene (C677T and A1298C) polymorphisms and	321
Physicochemical studies of closed loop insulin delivery system based on intelligent carboxymethyl cellulose hydrogel	125	hyperhomocysteinemia as risk factors for Myocardial Infarction	
Hydrogen bonds Pathways linked by hydrogen bonds with redox- dependent breaks implicated in electron transfer in human cytochrome c protein	46	Lactate Ultraviolet-C haematogenous oxidation therapy of lipopolysaccharide-induced endotoxemia in a rabbit model: A biochemical study	445

Lactones		Mass spectrometry	
Isolation, identification and bioactive potential of bacterial endophytes from <i>Coleus</i>	392	Natural anti-phytopathogenic fungi compound phenol, 2, 4-bis (1, 1-dimethylethyl) from	162
Laser radiation		Pseudomonas fluorescens TL-1	
Formation of long-lived reactive products in blood	214	Mediterranean diet	
serum under heat treatment and low-intensity laser irradiation, their role in hydrogen peroxide		Oleuropein and oleic acid: A novel emerging	263
generation and DNA damage		dietary target for human chronic diseases	
LebZIP2		Membrane stability	
Changes of phenolic compounds in LebZIP2-	484	Waterlogging tolerance in black gram [Vigna	81
overexpressing transgenic plants		<i>mungo</i> (L.) Hepper] is associated with	
Leptin	102	chlorophyll content and membrane integrity Metabolic acidosis	
Ghrelin and Leptin increase voltage-gated Na^+ and Ca^{2+} currents in the RIN-m5f insulin-producing	193		445
cell line		Ultraviolet-C haematogenous oxidation therapy of lipopolysaccharide-induced endotoxemia in a	445
Lipid peroxidation		rabbit model: A biochemical study	
Oxidation products of DNA, lipid and protein	155	Metabolic syndrome	
among the individuals progressing towards		Oxidation products of DNA, lipid and protein	155
metabolic syndrome		among the individuals progressing towards	
Lipin1 Proteomic changes in response to lipin1	466	metabolic syndrome	
overexpression in 293T human renal epithelial cells	400	Methyl salicylate	
Lipofection		Production of Bioflavour from Microbial Sources	352
Mild and transient heat shock enhances DNA	316	and its health benefits	
integration following lipofection of recombinant		Methylenetetrahydrofolate reductase	
plasmids in 4T1 cells Lipopolysaccharide (LPS)		Methylenetetrahydrofolate reductase gene	321
Ultraviolet-C haematogenous oxidation therapy of	445	(C677T and A1298C) polymorphisms and hyperhomocysteinemia as risk factors for	
lipopolysaccharide-induced endotoxemia in a	5	Myocardial Infarction	
rabbit model: A biochemical study		Microalbuminuria	
L-methionine-S		Application of multiple linear regression and	150
Serum glutamine synthetase activity as biomarker	427	machine learning algorithms to elucidate the	
for tuberculosis diagnosis and monitoring anti-		association of poor glycemic control and	
tubercular drug therapy success		hyperhomocysteinemia with microalbuminuria	
Long-lived reactive protein species Formation of long-lived reactive products in blood	214	Microbial biomass carbon (MBC)	
serum under heat treatment and low-intensity laser	214	Acid and salt tolerance behavior of <i>Rhizobium</i>	245
irradiation, their role in hydrogen peroxide		isolates and their effect on microbial diversity in the rhizosphere of redgram (<i>Cajanus cajan</i> L.)	
generation and DNA damage		Microbial biomass nitrogen (MBN)	
Low-intensity laser irradiation		Acid and salt tolerance behavior of <i>Rhizobium</i>	245
Formation of long-lived reactive products in blood	214	isolates and their effect on microbial diversity in	245
serum under heat treatment and low-intensity laser		the rhizosphere of redgram (Cajanus cajan L.)	
irradiation, their role in hydrogen peroxide generation and DNA damage		Microbial diversity	
Seneration and 2111 canade		Acid and salt tolerance behavior of Rhizobium	245
Machine learning algorithms		isolates and their effect on microbial diversity in	
Application of multiple linear regression and	150	the rhizosphere of redgram (<i>Cajanus cajan</i> L.)	
machine learning algorithms to elucidate the		Mineral phase	
association of poor glycemic control and		Elemental composition and X-ray diffraction	144
hyperhomocysteinemia with microalbuminuria Magnesium		studies of <i>Strobilanthes</i> species Minimum bactericidal concentration (MBC)	
Ultraviolet-C haematogenous oxidation therapy of	445		160
lipopolysaccharide-induced endotoxemia in a		Cytotoxic, antimicrobial and DNA breaking activity of Salgam	169
rabbit model: A biochemical study		Minimum inhibitory concentration (MIC)	
Majoonat		Cytotoxic, antimicrobial and DNA breaking	169
Future prospects of fermentation in unani based	347	activity of Salgam	
drugs MALDI-TOF-MS		Molasses	
Proteomic changes in response to lipin1	466	Molasses growth medium for production of	378
overexpression in 293T human renal epithelial cells		Rhizobium sp. based biofertilizer	

Molecular docking		NPM1	
Molecular simulation and spectroscopic studies on the interaction between perfluorohexadecanoic acid and human serum albumin	185	High expression of nucleophosmin is closely related to the grade and invasion of colorectal cancer	420
Three dimensional structure prediction and ligand- protein interaction study of expansin protein ATEXPA23 from <i>Arabidopsis thaliana</i> L. Molecular modeling	20	Nucleophosmin High expression of nucleophosmin is closely related to the grade and invasion of colorectal cancer	420
Three dimensional structure prediction and ligand-	20		
protein interaction study of expansin protein ATEXPA23 from <i>Arabidopsis thaliana</i> L.		Olea europaea L. Oleuropein and oleic acid: A novel emerging dietary target for human chronic diseases	263
Molecular simulation Molecular simulation and spectroscopic studies on	185	Oleic acid	
the interaction between perfluorohexadecanoic acid and human serum albumin	105	Oleuropein and oleic acid: A novel emerging dietary target for human chronic diseases	263
<i>Moringa oleifera</i> Lam.	70	Oleuropein	262
Protective potential of <i>Moringa oleifera</i> Lam. along with curcumin and piperine against		Oleuropein and oleic acid: A novel emerging dietary target for human chronic diseases	263
beryllium-induced alterations in hepatorenal biochemistry and ultramorphology in rats		Organ protection The pharmacological potential of hesperidin	287
Multiple linear regression		Ovarian regulation	207
Application of multiple linear regression and machine learning algorithms to elucidate the association of poor glycemic control and hyperhomocysteinemia with microalbuminuria	150	<i>In silico</i> characterization of structural and functional impact of the deleterious SNPs on FSHR gene	492
Myocardial infarction		Overexpression Proteomic changes in response to lipin1	466
Methylenetetrahydrofolate reductase gene (C677T and A1298C) polymorphisms and	321	overexpression in 293T human renal epithelial cells Oxidative stress	400
hyperhomocysteinemia as risk factors for Myocardial Infarction		Formation of long-lived reactive products in blood serum under heat treatment and low-intensity laser	214
Nano silver particles Assessment of peppermint, clove, cumin essential	269	irradiation, their role in hydrogen peroxide generation and DNA damage	
oils and silver nano particles on biochemical and shelf life of <i>Citrus limon</i> (L.)	209	Oxidation products of DNA, lipid and protein among the individuals progressing towards	155
Nanocatalyst		metabolic syndrome	
Encapsulation of fungal extracellular enzyme cocktail in cellulose nanoparticles: Enhancement in enzyme stability	475	Peppermint	
Nanoparticles		Assessment of peppermint, clove, cumin essential oils and silver nano particles on biochemical and	269
Pharmacological studies of Zinc oxide	500	shelf life of <i>Citrus limon</i> (L.)	
Nanoparticles		Perfluorohexadecanoic acid	
Na _v channels	102	Molecular simulation and spectroscopic studies on	185
Ghrelin and Leptin increase voltage-gated Na ⁺ and Ca ²⁺ currents in the RIN-m5f insulin-producing cell line	193	the interaction between perfluorohexadecanoic acid and human serum albumin	
Neuroblastoma cell lines		Phanerochaete chrysosporium Encapsulation of fungal extracellular enzyme	475
Bioreduction of silver nanoparticles from aerial parts of <i>Euphorbia hirta</i> L. (EH-ET) and its potent	132	cocktail in cellulose nanoparticles: Enhancement in enzyme stability	475
anticancer activities against neuroblastoma cell lines		Pharmaceutical, Therapeutic	
Nitric oxide	20	Future prospects of fermentation in unani based	347
<i>In silico</i> interaction of hesperidin with some immunomodulatory targets: A docking analysis	28	drugs Phenol	
Nitric oxide induced polarization of myometrium cells plasmalemma revealed by application of fluoreceant due 3.27 diharulay approximation	34	Natural anti-phytopathogenic fungi compound phenol, 2, 4-bis (1, 1-dimethylethyl) from	162
fluorescent dye 3,3'-dihexyloxacarbocyanine Nootkatone		Pseudomonas fluorescens TL-1 Phenolic compounds	
Production of Bioflavour from Microbial Sources and its health benefits	352	Changes of phenolic compounds in LebZIP2- overexpressing transgenic plants	484

Pheromone binding protein		Protein carbonyl	
Cloning and sequencing of α -2u globulin of rat preputial gland to assess its longevity in the context		Oxidation products of DNA, lipid and protein among the individuals progressing towards	155
of developing an effective rodent trap		metabolic syndrome	
Piperine		Proteomics	
Protective potential of <i>Moringa oleifera</i> Lam. along with curcumin and piperine against	70	Proteomic changes in response to lipin1	466
beryllium-induced alterations in hepatorenal		overexpression in 293T human renal epithelial cells	
biochemistry and ultramorphology in rats		Protocatechuic acid Changes of phenolic compounds in LebZIP2-	484
Phycocyanin		overexpressing transgenic plants	404
Potential antioxidative protein-pigment complex	230	Pseudomonas fluorescens	
Spirulina platensis mediated food grade		Natural anti-phytopathogenic fungi compound	162
phycocyanin C -Extraction, purification,		phenol, 2, 4-bis (1, 1-dimethylethyl) from	
antioxidative activity and biocompatibility Physiological		Pseudomonas fluorescens TL-1	
Determination of fruit quality of calcium carbide	205	Pulmonary and extra-pulmonary tuberculosis	
induced ripening in mango (<i>Mangifera indica</i> L.	205	Serum glutamine synthetase activity as biomarker	427
cv. Alphonso) by physiological, biochemical,		for tuberculosis diagnosis and monitoring anti-	
bio-enzymatic and elemental composition		tubercular drug therapy success	
analysis (EDX)		Quorum quenching	
Pigment		<i>In silico</i> and <i>in vitro</i> analysis of quorum quenching	276
Potential antioxidative protein-pigment complex	230	active phytochemicals from the ethanolic extract of	270
Spirulina platensis mediated food grade		medicinal plants against quorum sensing mediated	
phycocyanin C -Extraction, purification, antioxidative activity and biocompatibility		virulence factors of Acinetobacter baumannii	
Plant growth promoting rhizobacteria (PGPR)			
Acid and salt tolerance behavior of <i>Rhizobium</i>	245	R sulfoximine	407
isolates and their effect on microbial diversity in		Serum glutamine synthetase activity as biomarker for tuberculosis diagnosis and monitoring anti-	427
the rhizosphere of redgram (Cajanus cajan L.)		tubercular drug therapy success	
Polar side chains		Rabbits	
Pathways linked by hydrogen bonds with redox-	46	Ultraviolet-C haematogenous oxidation therapy of	445
dependent breaks implicated in electron transfer in human cytochrome c protein		lipopolysaccharide-induced endotoxemia in a	
Polyphenols		rabbit model: A biochemical study	
Comparative study on melanin production and	137	RanBP1 Proteomic changes in response to lipin1	466
collagen expression profile of polyphenols and	157	overexpression in 293T human renal epithelial cells	400
their glycosides		Raphides	
Population density		Elemental composition and X-ray diffraction	144
Impact of sand organic carbon and climatic	240	studies of Strobilanthes species	
changes on the population density and		Rat trap	
morphometric characters of <i>Emerita asiatica</i> in the East Coast of Southern India		Cloning and sequencing of α -2u globulin of rat	
Potential susceptible carbocyanine probes		preputial gland to assess its longevity in the context of developing an effective rodent trap	
Nitric oxide induced polarization of myometrium	34	Reactive oxygen species (ROS)	
cells plasmalemma revealed by application of	01	Free radicals and antioxidants in normal versus	7
fluorescent dye 3,3'-dihexyloxacarbocyanine		cancerous cells — An overview Reactive oxygen	
Praziquantel		Formation of long-lived reactive products in blood	214
Cisplatin augments the anti-schistosomal effect of	57	serum under heat treatment and low-intensity laser	
praziquantel in a schistosoma-infected cancer		irradiation, their role in hydrogen peroxide	
model Proputial aland		generation and DNA damage Recombinant mLOX	
Preputial gland Cloning and sequencing of α-2u globulin of rat	433	Expression, purification and characterization of a	105
preputial gland to assess its longevity in the context	433	biologically active and thermally stable human	105
of developing an effective rodent trap		lysyl oxidase	
Probiotics		Redox-dependent	
Cholesterol lowering and antioxidant potential of	363	Pathways linked by hydrogen bonds with redox-	46
probiotic bacteria isolated from locally fermented		dependent breaks implicated in electron transfer in	
milk product <i>kalarei</i>		human cytochrome c protein	

Response surface methodology		Serum glutamine synthetase	
Optimization of cellulolytic enzyme production by thermophilic fungus <i>Thermoascus aurantiacus</i> using response surface methodology Reusability	399	Serum glutamine synthetase activity as biomarker for tuberculosis diagnosis and monitoring anti- tubercular drug therapy success	427
Binary immobilization: a newer approach for immobilizing lipase from a thermophilic sp. of <i>Thermomyces lanuginosus</i>	358	Serum proteins Impact of electroplating industry effluent on the electrophoretic protein pattern of serum in the freshwater fish <i>Cyprinus carpio</i>	460
Rhamnolipids Production and characterization of biosurfactant from <i>Halomonas</i> sp. BRI3 <i>Rhizobium</i>	384	Sex-ratio Impact of sand organic carbon and climatic changes on the population density and	240
Effect of different carbon, nitrogen and vitamin sources on exopolysaccharide production of three <i>Rhizobium</i> species isolated from root nodule of redgram	86	morphometric characters of <i>Emerita asiatica</i> in the East Coast of Southern India Silver nanoparticles	
Acid and salt tolerance behavior of <i>Rhizobium</i> isolates and their effect on microbial diversity in the rhizosphere of redgram (<i>Cajanus cajan</i> L.)	245	Bioreduction of silver nanoparticles from aerial parts of <i>Euphorbia hirta</i> L. (EH-ET) and its potent anticancer activities against neuroblastoma cell lines	132
Molasses growth medium for production of <i>Rhizobium</i> sp. based biofertilizer Riboflavin	378	Assessment of peppermint, clove, cumin essential oils and silver nano particles on biochemical and shelf life of <i>Citrus limon</i> (L.)	269
Metallopharmaceuticals: Synthesis, characterization and bio-active studies Root nodule	325	Single nucleotide polymorphism (SNPs) In silico characterization of structural and functional impact of the deleterious SNPs on	492
Acid and salt tolerance behavior of <i>Rhizobium</i> isolates and their effect on microbial diversity in the rhizosphere of redgram (<i>Cajanus cajan</i> L.)	245	FSHR gene Smooth muscle	
Effect of different carbon, nitrogen and vitamin sources on exopolysaccharide production of three <i>Rhizobium</i> species isolated from root nodule of	86	Nitric oxide induced polarization of myometrium cells plasmalemma revealed by application of fluorescent dye 3,3'-dihexyloxacarbocyanine	34
redgram		Sodium fluoride Effect of <i>Arthrospira platensis</i> against Sodium fluoride induced haematological alternations	455
Salgam Cytotoxic, antimicrobial and DNA breaking activity of Salgam	169	Spectroscopy and structure stability Expression, purification and characterization of a	105
Salt tolerance Acid and salt tolerance behavior of <i>Rhizobium</i>	245	biologically active and thermally stable human lysyl oxidase	105
isolates and their effect on microbial diversity in the rhizosphere of redgram (<i>Cajanus cajan</i> L.)		Spectroscopy Molecular simulation and spectroscopic studies on	185
Sand organic carbon Impact of sand organic carbon and climatic	240	the interaction between perfluorohexadecanoic acid and human serum albumin	
changes on the population density and morphometric characters of <i>Emerita asiatica</i> in the East Coast of Southern India		Spirulina platensis Potential antioxidative protein-pigment complex	230
Schistosomiasis Cisplatin augments the anti-schistosomal effect of praziquantel in a schistosoma-infected cancer model	57	<i>Spirulina platensis</i> mediated food grade phycocyanin C -Extraction, purification, antioxidative activity and biocompatibility	
Selection pressure Genome cloning and genetic diversity of <i>Apple</i> <i>chlorotic leaf spot virus</i>	514	Spirulina Effect of Arthrospira platensis against Sodium fluoride induced haematological alternations	455
Sepsis Ultraviolet-C haematogenous oxidation therapy of	445	Stable transfection Mild and transient heat shock enhances DNA	316
lipopolysaccharide-induced endotoxemia in a rabbit model: A biochemical study	575	integration following lipofection of recombinant plasmids in 4T1 cells	
Serine protease inhibitor		Stress tolerance	
Purification, Characterization and Functional Analysis of a Serine Protease Inhibitor from the Pulps of <i>Cicer arietinum</i> L. (Chick Pea)	117	Acid and salt tolerance behavior of <i>Rhizobium</i> isolates and their effect on microbial diversity in the rhizosphere of redgram (<i>Cajanus cajan</i> L.)	245

Strobilanthes		Ultraviolet Haematogenous Oxidation Therapy	
Elemental composition and X-ray diffraction studies of <i>Strobilanthes</i> species	144	(UV-C HOT) Ultraviolet-C haematogenous oxidation therapy of	445
Submerged fermentation		lipopolysaccharide-induced endotoxemia in a	
Optimization of cellulolytic enzyme production by	399	rabbit model: A biochemical study	
thermophilic fungus Thermoascus aurantiacus		Ultramorphology	
using response surface methodology		Protective potential of <i>Moringa oleifera</i> Lam. along with curcumin and piperine against	70
Superoxides		beryllium-induced alterations in hepatorenal	
Free radicals and antioxidants in normal versus	7	biochemistry and ultramorphology in rats	
cancerous cells — An overview Reactive oxygen		Uncorrelated linear discriminant analysis (ULDA)	
T1 transgenic plants		Applications of serum amino acid levels in	53
Changes of phenolic compounds in LebZIP2-	484	identification of cancer	
overexpressing transgenic plants		Uterus	24
t-cinnamic acid		Nitric oxide induced polarization of myometrium cells plasmalemma revealed by application of	34
Changes of phenolic compounds in LebZIP2-	484	fluorescent dye 3,3'-dihexyloxacarbocyanine	
overexpressing transgenic plants			
Thermoascus aurantiacus		Vero cells	100
Optimization of cellulolytic enzyme production by	399	Bioreduction of silver nanoparticles from aerial parts of <i>Euphorbia hirta</i> L. (EH-ET) and its potent	132
thermophilic fungus <i>Thermoascus aurantiacus</i> using response surface methodology		anticancer activities against neuroblastoma cell	
Thermodynamic		lines	
Physicochemical studies of closed loop insulin	125	Virulence factors	
delivery system based on intelligent carboxymethyl	120	In silico and in vitro analysis of quorum	276
cellulose hydrogel		quenching active phytochemicals from the ethanolic extract of medicinal plants	
Thermomyces lanuginosus lipase		against quorum sensing mediated virulence	
Binary immobilization: a newer approach for	358	factors of Acinetobacter baumannii	
immobilizing lipase from a thermophilic sp. of <i>Thermomyces lanuginosus</i>		Voltage-gated Na ⁺ and Ca ²⁺	
Thermophilic amidase		Ghrelin and Leptin increase voltage-gated Na ⁺ and	193
Green synthesis of acetohydroxamic acid by	373	Ca ²⁺ currents in the RIN-m5f insulin-producing cell line	
thermophilic amidase of <i>Bacillus smithii</i> IIIMB2907	575	cen me	
Thermophilic Fungus		Waterlogging	
Optimization of cellulolytic enzyme production by	399	Waterlogging tolerance in black gram	81
thermophilic fungus Thermoascus aurantiacus		[<i>Vigna mungo</i> (L.) Hepper] is associated with chlorophyll content and membrane integrity	
using response surface methodology Thermostability		Whitening	
2	358	Comparative study on melanin production and	137
Binary immobilization: a newer approach for immobilizing lipase from a thermophilic sp. of	556	collagen expression profile of polyphenols and	
Thermomyces lanuginosus		their glycosides	
Transfer reaction		Wistar model Potential antioxidative protein-pigment complex	230
Serum glutamine synthetase activity as biomarker	427	Spirulina platensis mediated food grade	230
for tuberculosis diagnosis and monitoring anti-		phycocyanin C -Extraction, purification,	
tubercular drug therapy success		antioxidative activity and biocompatibility	
Transmembrane potential Nitric oxide induced polarization of myometrium	34	Worm burden	-7
cells plasmalemma revealed by application of	54	Cisplatin augments the anti-schistosomal effect of praziquantel in a schistosoma-infected cancer	57
fluorescent dye 3,3'-dihexyloxacarbocyanine		model	
Trypsin/chymotrypsin inhibitor		Xanthine oxidase	
Purification, Characterization and Functional	117	Correlation of uric acid levels and purine	433
Analysis of a Serine Protease Inhibitor from the		metabolism enzyme activities in plasma and liver	155
Pulps of <i>Cicer arietinum</i> L. (Chick Pea)		tissues of diabetic rats	
Two-dimensional LC/MS/MS	400	Xenobiotic	
High expression of nucleophosmin is closely related to the grade and invasion of colorectal cancer	420	Free radicals and antioxidants in normal versus	7
		cancerous cells — An overview Reactive oxygen	

α-2u globulin
Cloning and sequencing of α-2u globulin of rat preputial gland to assess its longevity in the433
context of developing an effective rodent trap
γ-glutamyl hydroxamate-Fe ⁺³ complex
Serum glutamine synthetase activity as 427
biomarker for tuberculosis diagnosis and monitoring anti-tubercular drug therapy success