

FATIMA COLLEGE (AUTONOMOUS)

DEPARTMENT OF CHEMISTRY

Title : International Symposium on ‘Emerging Trends in Biochem-Nutraceuticals’

Date : 04.12.2015

Resource Persons 1. Dr. Kalaiselvi, Principal Scientist, Cecri, Karaikudi
2. Dr. Daniel Premkumar, Research Assistant Professor, Department of Neurosurgery, University of Pittsburgh, USA
3. Dr. Esther Paulina Jane, Faculty, Department of Neurological Surgery, University of Pittsburgh, USA

No. of Participants : 202

Focus on : **Entrepreneurship & Skill Development**

Outcome : **Students gained lot of information on the emerging trends in a very new and interdisciplinary area of Biochem-Nutraceuticals.**

Valediction : 3.45 a.m. - 4.30 p.m

Valedictory Address

Rev. Sr. Francis Pauline
Secretary,
Fatima College, Madurai.

Vote of Thanks

Dr. Vasantha Esther Rani
Head and Associate Professor
Department of Home Science with
Food Bio Technology,

National Anthem

Contact No. : 98424 61556, 93447 75252

Registration Fee : ₹200/- for Staff
₹150/- for Students

Fatima College **(Autonomous)**

(College with Potential for Excellence)
(Re-Accredited with "A" Grade by NAAC)
Mary Land, Madurai-625 018



**DEPARTMENTS OF CHEMISTRY,
ZOOLOGY AND
HOME SCIENCE WITH FOOD BIOTECHNOLOGY**

Cordially invite you to the
International Symposium on
"Emerging Trends in Bio-Chem-Nutraceuticals"
04. 12. 2015
Jubilee Hall

Programme

Registration : 8.45 AM

Inauguration : 9.00 AM

Prayer

Welcome Address : **Dr. S. SELVARANI**
Head and Associate Professor
Department of Chemistry
Fatima College, Madurai – 18.

Inaugural Address : **Dr. Sr. K. FATIMA MARY, M.A., Ph.D., HDBSE, PGDVE, NET.**
Principal, Department of Chemistry
Fatima College, Madurai – 18.

Keynote Address : **"Ultrasonic Technology for Food and Bio-Processing"**
Prof. Muthupandian Ashokkumar,
School of Chemistry
The University of Melbourne
Victoria, Australia.

Tea Break : 10.45 a.m. - 11.00 a.m.

Technical Session- I : 11.00 a.m. -12.30 p.m

Topic : **"Counteracting Apoptosis Resistance in Glioma"**
Daniel R. Premkumar, Ph.d.
Research Assistant Professor
Department of Neurosurgery
University of Pittsburgh, PA 15201, USA

Topic : **"Economic Value of Pollinator Services "**
Dr. Esther Paulina Jane
University Relationship : Faculty
Department of Neurological Surgery
PRESB B400 Pittsburgh, USA.

Lunch : 12.30 p.m. - 1.30 p.m.

Technical Session- II : 1.30 a.m. -2.30 p.m

Topic : **"Lithium Battery At Energy Storage Device"**
Dr. KalaiSelvi, Ph.D.
Principal Scientist, CECRI, Karaikudi, Tamilnadu.

Technical Session- III : 2.30 a.m. -3.30 p.m

Topic : **"Neutraceuticals: A Boon To Degenerative Diseases"**
Dr. C.A.Kalpana, Ph.D
Associate Professor
Department of Food Science and Nutrition
Avinashilingam Institute for Home Science and
higher Education for Women, Coimbatore – 43.

Tea Break : 3.30 p.m. - 3.45 p.m.

DEPARTMENT OF CHEMSITRY

REPORT OF INTERNATIONAL SYMPOSIUM ON EMERGING TRENDS IN BIO – CHEM-NEUTRACEUTICALS – 14.12.2015

On 14.12.2015, the Departments of Chemistry, Zoology and Homescience jointly organized a symposium on “Emerging Trends in Bio-Chem Nutraceuticals”. Dr. S. Selvarani, department of Chemistry, welcomed the gathering, Dr. Sr. Fatima Mary, Principal of Fatima College, inaugurated the symposium.

Prof. Muthupandian Ashok Kumar, School of Chemistry, University of Melbourne, Victoria, Australia delivered the key note address on “Ultra Sonic Technology for food and Bio – processing” where he focused on the development of not only microbiologically safe products with a long storage life, but, at the same time, products that have fresh-like characteristics and a high quality in taste, flavor, and texture.

In the first technical session Dr. **Daniel R. Prem Kumar, Research Assistant professor, Department of Neurosurgery, University of Pittsburgh, USA**, shared his expertise on counteracting Apoptosis resistance in Glioma and how Apoptosis played an important role in allowing the immune system to turn off its response to a pathogen.





Dr. Esther Paulina Jane, Department of Neurosurgical surgery, Pitts burg, USA delivered a talk on Economic value of Pollinator services, in which she highlighted the economic and ecological importance of pollinators. She also pointed out that without pollinators, more than 3 different crops would decline in production, to meet the demands how farmers are forced to more intensive and less environmentally and sustainable practices.

In the technical session II, **Dr. Kalaiselvi, principal scientist, CECRI, Karaiudi, Tamil Nadu, focused the development of high performing electrode materials for lithium ion batteries to be used in information and communication equipment and applications related to batteries and super capacitors.**



Dr. Kalaiselvi, principal scientist, CECRI, Karaiudi, Tamil Nadu,

In the last session, **Dr. C. A. Kalpana, Associate professor, Department of Food, Science and Nutrition, Avinashlingam Institute for Homescience and Higher education for women, Coimbatore**, stressed the importance of nutraceuticals- a boon to degenerative diseases. She highlighted the role of nutraceuticals especially in cardio vascular diseases, cancer and Osteoarthritis and also the role of R& D in nutraceuticals.



Finally, symposium valediction was delivered by Rev. Sr. Francis Pauline, Secretary of Fatima College and session came to an end with a formal vote of thanks, delivered by Dr. S. Vasantha Esther Rani, Head & Department of Home science, Fatima college, Madurai.

List of Student Participants - UG

S.No	Reg.No	Name
1.	2015C01	ANBUKARASI L
2.	2015C02	ANUSIYAJ
3.	2015C03	AROCKIAJERINAJ
4.	2015C04	AROCKIA SELVI M
5.	2015C05	ARUL PRINCY M
6.	2015C06	ARUNA PARKAVI A
7.	2015C07	AUGUSTINE VINSLET A R
8.	2015C08	BHUVANAG
9.	2015C09	CAROLINKANMANI J P
10.	2015C10	CELESTI SHEEBAJ
11.	2015C11	DEIVANAI M
12.	2015C12	DEVI A
13.	2015C13	DHATSHANAN
14.	2015C14	DIVYAM
15.	2015C15	HASHNI M
16.	2015C16	INDHUJAM
17.	2015C17	IRUTHAYA ANTONY AUXILIYA A
18.	2015C18	JAMUNA S
19.	2015C19	JENIFER JOELLAD
20.	2015C20	JENIFER PREETHIG
21.	2015C21	JERINE SHYLAJ
22.	2015C22	JEYA C
23.	2015C23	JOHNCHRISTINA S
24.	2015C24	KANAGANAGESWARI K
25.	2015C25	KOKILAVANI C
26.	2015C26	MAHALAKSHMID
27.	2015C27	MALATHI K
28.	2015C28	MEENAKSHI R
29.	2015C29	MEENAMBIGAI S
30.	2015C30	MEHALA T
31.	2015C31	MERCY SOPHIA J
32.	2015C32	MUTHUPRIYA C
33.	2015C33	NAGAJOTHI K
34.	2015C34	NAGALAKSHMI N
35.	2015C35	NISHAG
36.	2015C36	NITHYAM J
37.	2015C37	NITHYA P
38.	2015C38	NIVEDHA S T
39.	2015C39	PANDEESWARI V
40.	2015C40	POORANA SAHANA AKSHAYA J
41.	2015C41	POORNA SOUNDRAVALLI B

42.	2015C42	PRESENCY J
43.	2015C43	PRIJITHA J
44.	2015C44	PRIYA P
45.	2015C45	PRIYANKA P
46.	2015C46	RENIBA X
47.	2015C47	SANGEETHA JOICE M
48.	2015C48	SHANMUGAPRIYA K
49.	2015C49	SHOBANA B
50.	2015C50	SIMI LIBORA J
51.	2015C51	SUBA LAKSHMI S
52.	2015C52	THIRAVIYA K
53.	2015C53	USHA RANI P
54.	2015C54	VAITHEESHWARI V
55.	2015C55	VANISHRI R
56.	2015C56	VARALAKSHMIT
57.	2015C57	VINITHA P
58.	2014C01	ANGELIN JINISHA J S
59.	2014C02	AROCKIA BELCIYA A
60.	2014C03	AROCKIYA FATHIMA VINCY M
61.	2014C04	ARULPRABHA U
62.	2014C05	ARUL UMA A
63.	2014C06	ARUNA V
64.	2014C07	ARUNADEVI K
65.	2014C08	BACKYA CATHERIN J
66.	2014C09	BERNICA B
67.	2014C10	DANISHA MARIA K
68.	2014C11	DEEPA S
69.	2014C12	DIYANA ABINAYA MARY D
70.	2014C13	ELIZABETH RANI V
71.	2014C14	FELICIA B
72.	2014C15	GLADIS EJULA U
73.	2014C16	GRACY S
74.	2014C17	HEMA B
75.	2014C18	HEMA P
76.	2014C19	JOSEPHINE PRIYA T
77.	2014C20	KALAISELVI S
78.	2014C21	KARTHIKA K
79.	2014C22	KARTHIKA S
80.	2014C23	KAVIYA J
81.	2014C24	KRISHNAPRIYA D
82.	2014C25	LAKSHMI R
83.	2014C26	LAKSHMI PRIYA A
84.	2014C27	MARTIN LOOVIYA L
85.	2014C28	MONICA G
86.	2014C29	MUTHUSELVI N
87.	2014C30	NANDHINI M
88.	2014C31	PAVITHRA S V
89.	2014C32	PORSIYA S

90.	2014C33	PRIYADHARSHINI S
91.	2014C34	RABECCA G
92.	2014C35	RAMYA K
93.	2014C36	RESHMA G
94.	2014C37	REVATHI R
95.	2014C38	ROSHINI R
96.	2014C39	SALONI A
97.	2014C40	SATHYAMEENAKSHI M C
98.	2014C41	SHALINI A
99.	2014C42	SHARMILA P
100.	2014C43	SHERIN BANU M
101.	2014C44	SHIVANI S A
102.	2014C45	SHOBANA K
103.	2014C46	SHRI THIVYA M
104.	2014C47	SOBIYA M
105.	2014C48	SONIA R
106.	2014C49	SUBARTHANA M
107.	2014C50	SUBHASHRI P
108.	2014C51	SUVETHA K
109.	2014C52	TAMILARASI S
110.	2014C53	THIRUVASUKI L B
111.	2014C54	VIJILA VINCY C
112.	2014C55	YASHINI P V
113.	2014C56	YASMIN K
114.	2013C01	AARTHY P
115.	2013C02	AASHAPRIYADHARSHINI M
116.	2013C03	ANCIMOUNICAL
117.	2013C04	ANTO LIBIYA R
118.	2013C05	ANTOLIN JESILAJ
119.	2013C06	AROCKIA STUPIN J
120.	2013C07	ARUL JOTHI P
121.	2013C08	ARUNA DEVI M
122.	2013C09	ASTINA A
123.	2013C10	BHAMUNI M R
124.	2013C11	CHELLA MEENA S
125.	2013C12	DELPHINELACKIYA X
126.	2013C13	DIVYA PRABAM
127.	2013C14	GAYATHRI R
128.	2013C15	GLADISHREXLIN R
129.	2013C16	GNANA TAMIL AZHAHIS
130.	2013C17	INDUMATHY L
131.	2013C18	JENITHA T
132.	2013C19	JEYA BHARATHI S
133.	2013C20	JEYANTHI S
134.	2013C21	JOHN LASTIDA A
135.	2013C22	JOSHI ABILA MOL A
136.	2013C23	KAYALVIZHI R
137.	2013C24	LAVANYA S

138.	2013C25	LIZYMARYI
139.	2013C26	LOGESWARI K
140.	2013C27	LOURDUSNOWS S
141.	2013C28	MAHALAKSHMI K
142.	2013C29	NAGASARANYA G
143.	2013C30	NIRMALA M
144.	2013C31	PANDEESWARI M
145.	2013C32	PRADEEPA R
146.	2013C33	PRASANNA P
147.	2013C34	PREETHI J
148.	2013C35	PRIYADHARSHINI V
149.	2013C36	PRIYANKA J
150.	2013C37	RANJITHA G
151.	2013C38	REVATHY S
152.	2013C39	RIZVANABEGAM J
153.	2013C40	RUBA B
154.	2013C41	SAI SRUTHI R
155.	2013C42	SALOMIAS
156.	2013C43	SIVASANGARI M
157.	2013C44	SNEHA S
158.	2013C45	SOPHIA S
159.	2013C46	SUBA PRIYA N
160.	2013C47	THULASIBRINDHA C
161.	2013C48	UTHAYAMATHI M
162.	2013C49	VANITHA MARY J
163.	2013C50	VEERAMUTHU LAKSHMI V
164.	2013C51	VENNILA G
165.	2013C52	VINITHA M

List of Student Participants - PG

S.No	Reg.No	Name
1.	2015MSCC01	AKAMUSA M
2.	2015MSCC02	ANNALKELINAL I
3.	2015MSCC03	ARUL SINTHIYA A
4.	2015MSCC04	ARULSWITHA J
5.	2015MSCC05	DARVIN FREEDA A
6.	2015MSCC06	DIVYA RANI S
7.	2015MSCC07	GEETHA S
8.	2015MSCC08	JOTHI S
9.	2015MSCC09	KOHILAA C
10.	2015MSCC10	MAHAJOTHI C
11.	2015MSCC11	MATRAL AMSARANI P
12.	2015MSCC12	MISTIKA K
13.	2015MSCC13	PRABHA G
14.	2015MSCC14	PRAMILA V
15.	2015MSCC15	PRAVEENA M
16.	2015MSCC16	PRINCY S

17.	2015MSCC17	PRIYADHARSHINI E Y
18.	2015MSCC18	PUSHPALATHA J
19.	2015MSCC19	SAGILA REXI A
20.	2015MSCC20	SANKARI S
21.	2015MSCC21	SHAMLI N
22.	2015MSCC22	SUPRIYAA S
23.	2015MSCC23	SURYAPRABHA K
24.	2015MSCC24	VASUKI V
25.	2015MSCC25	VENNILA M
26.	2014MSCC01	AHILA DEVI M
27.	2014MSCC02	BERLINE MELINA J
28.	2014MSCC03	JANCY SHARMILA A
29.	2014MSCC04	JEBA FLARANCE FREEDA S
30.	2014MSCC05	JEYASHEELA P
31.	2014MSCC06	JONE CELESTINA J
32.	2014MSCC07	KARTHIGA M
33.	2014MSCC08	NIVETHA G
34.	2014MSCC09	PONNUTHAI S
35.	2014MSCC10	RENUKA G
36.	2014MSCC11	SUGANYA GANDHI S
37.	2014MSCC12	SULTHAN BEEVI S