



**ST. JAMES COLLEGE OF PHARMACEUTICAL SCIENCES.**  
(NAAC ACCREDITED)  
Chalakudy-680307  
[www.stjamespharmacycollege.in](http://www.stjamespharmacycollege.in)

## **Seminar on “ Targeting Metabolic Reprogramming in Cancer”**

15/07/2023

| <b>Name of the activity</b>                              | <b>Organizing unit/agency /Collaborating agency</b> | <b>Name of the scheme</b>                            | <b>Year of the activity</b> | <b>Number of students participated</b> |
|--|---|--|-----------------------------|--|
| Seminar on “Targeting Metabolic Reprogramming in Cancer” | Institution’s Innovation Council                    | “Targeting Metabolic Reprogramming in Cancer Cells.” | 2023                        | 55                                     |

Dr. Prasanth B, Convener, IIC welcomed the dignitaries. The program was officially inaugurated by Dr. K. Krishnakumar, Principal and President: IIC. Mr. Paul Jacob, Assoc. Professor, DPS, Puthupally, CPAS addressed the audience.

Dr Benny Abraham Kaiparettu, Associate Professor, Department of Molecular and Human Genetics, Baylor College of Medicine, USA was the resource person and demonstrated the following concepts in detail

1. Molecular mechanisms underlying metastasis and various experiments conducted in his laboratory to prove the altered mitochondrial activity in cancerous cells.
2. Explained Warburg concept in Cancer, Mitochondrial energy pathways, AMPK-HIF1 metabolic model, Basal or Triple Negative Breast Cancer and the role of targeting metabolic reprogramming in those cancers where generalised cancer treatment is not effective.

Vote of Thanks was proposed by Dr M Sathish Kumar, Professor.





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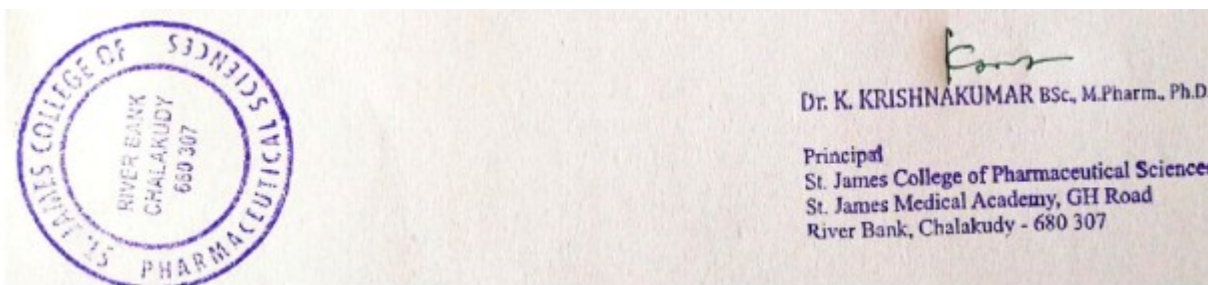
Dr Benny Abraham Kaiparettu, Associate Professor ,Dept of Molecular Medicine and Genetics, Baylor College of Medicine, Houston, USA delivering Seminar on the topic "Targeting Metabolic Reprogramming in Cancer Cells." Sciences, Chalakkudy on 15th July 2023.







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**Circular: Institution Innovation Council**

**14/07/2023**

**Scientific Cum Interactive Series -18**

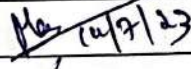



















A Seminar is organised by **Institution Innovation Council** on the topic  
“ **Targeting Metabolic Reprogramming in Cancer**”. The Resource person is  
**Dr Benny Abraham Kaiparettu, Associate Professor, Department of Molecular  
and Human Genetics, Baylor College of Medicine, USA.**

Date:15/07/2023.

Venue: Multimedia Hall

Time: 10 AM

All Faculty and students are requested to attend the same.

| SL NO: | NAME OF STAFF             | SIGNATURE   |
|--------|---------------------------|---|
| 1.     | Mrs. MEENA CHANDRAN       |    |
| 2.     | Mrs. SILVIPRIYA K.S       |   |
| 3.     | Mrs. MARIYA DAVIS         |  |
| 4.     | Mrs. ANATT TREESA         |  |
| 5.     | Mrs. VARALAKSHMI CHANDRAN |  |
| 6.     | Ms GREESHMA GIRIDHARAN    |  |
| 7.     | Dr. KAVITHA M.P           |  |
| 8.     | Dr. DAVID PAUL            |  |
| 9.     | Mrs. ANEENA GEORGE        |  |
| 10.    | Dr. DINESHKUMAR B         |  |
| 11.    | Dr. SMITHA K NAIR         |  |
| 12.    | Mrs. PREETHA PUTHEZHATH   |  |
| 13.    | Mrs. RINKU JAYAPRAKASH    |  |
| 14.    | Mrs. DONY LONAPPAN        |  |
| 15.    | Ms. SMINU JOS             |  |
| 16.    | Mrs. ARATHY JOLLY         |  |
| 17.    | Mrs. ANJANA JOHN          |  |
| 18.    | Mrs. SRUTHY P.C           |  |
| 19.    | Dr. LINCY GEORGE          |  |
| 20.    | Mrs. ROSMIN JACOB         |  |



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|     |                         |                    |
|-----|-------------------------|--------------------|
|     | Mrs. BINCY T ABRAHAM    |                    |
| 22. | Mrs. AJI VARGHESE       | <i>[Signature]</i> |
| 23. | Mrs. HAPPY THOMAS       | <i>[Signature]</i> |
| 24. | Dr. KRISHNAPRABHA       | <i>[Signature]</i> |
| 25. | Mrs. MARIA GEORGE       |                    |
| 26. | Ms. JISNA JOSE          | <i>[Signature]</i> |
| 27. | Mrs. ASA SAMUEL         | <i>[Signature]</i> |
| 28. | Mrs. ANNSHINE PAUL      | <i>[Signature]</i> |
| 29. | Dr. M. SATHISHKUMAR     | <i>[Signature]</i> |
| 30. | Dr. S BABY VANITHA      | <i>[Signature]</i> |
| 31. | Ms. VARNA.V             | <i>[Signature]</i> |
| 32. | Dr. PRASANTH B          | <i>[Signature]</i> |
| 33. | Mrs. ALEXEYENA VARGHESE |                    |
| 34. | Mrs. MARIA NISON        | <i>[Signature]</i> |
| 35. | Ms. JISMY FRANCIS       | <i>[Signature]</i> |

**Dr Prasanth B**

**IIC Convener**

*[Signature]*  
14/12/23

**Dr. Dineshkumar B**

**IQAC CO-ORDINATOR**

*[Signature]*  
14/12/23

**Dr. K. Krishnakumar**

**PRINCIPAL & IIC PRESIDENT**

**Dr.K. KRISHNAKUMAR Bsc. M.Pharm., Pl.**

**Principal**

St. James College of Pharmaceutical Sciences  
St. James Medical Academy, GH Road  
River Bank, Chalakudy - 680 307





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Chalakudy, Kerala, India- 680307.

**Seminar on “ Targeting Metabolic Reprogramming in Cancer”**

**Organised by :** Institution's Innovation Council.

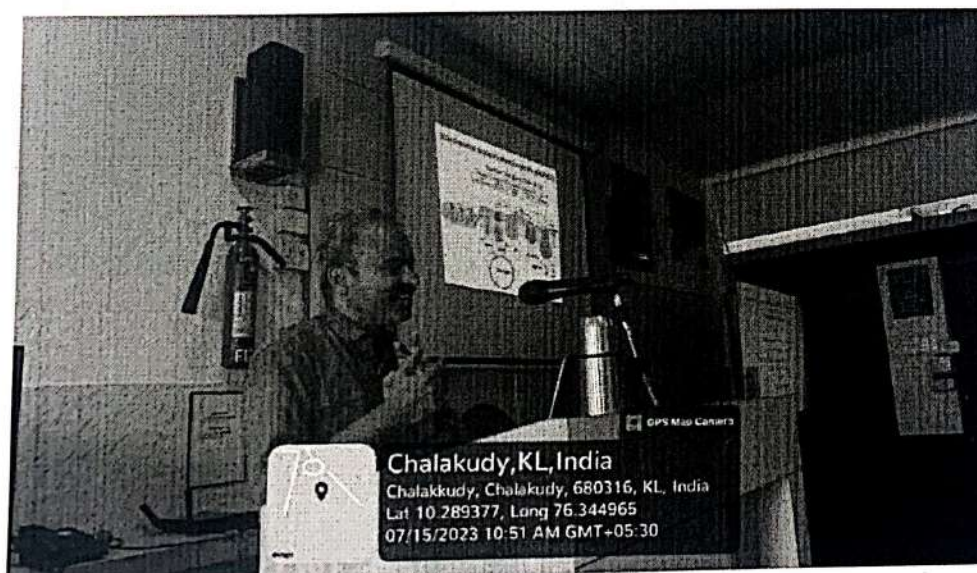
**Resource Person:** Dr Benny Abraham Kaiparettu, Associate Professor, Department of Molecular and Human Genetics, Baylor College of Medicine, USA

**Participants:** Faculty Members, VI PharmD Intern students and V Semester B.Pharm students

**Venue:** Multimedia Hall.

**Date:**15/07/2023

**Time:** 10.00 am to 12.00 pm







**ST. JAMES' COLLEGE OF PHARMACEUTICAL SCIENCES**  
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Chalaky, Kerala, India- 680307.



Dr Benny Abraham Kaiparettu, Associate Professor , Dept of Molecular Medicine and Genetics, Baylor College of Medicine, Houston, USA delivering Seminar on the topic "Targeting Metabolic Reprogramming in Cancer Cells."





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**Report**

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Vote of Thanks was proposed by Dr M Sathish Kumar, Professor.

Organising Secretary: Dr Prasanth B, Convener: IIC

B. D. 16/7/22

DR DINESHKUMAR B  
IQAC COORDINATOR

K. 16/07/22

DR K KRISHNAKUMAR  
PRINCIPAL  
PRESIDENT: IIC



Dr.K. KRISHNAKUMAR Bsc., M.Pharm., Ph.D

Principal  
St. James College of Pharmaceutical Sciences  
S. J. Road, GH Road  
over Bank, Chalakudy - 680 307



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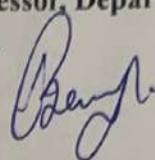
**Seminar on " Targeting Metabolic Reprogramming in Cancer".**

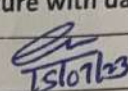
**Resource Person: Dr Benny Abraham Kaipparettu, Associate Professor, Department of Molecular and Human Genetics, Baylor College of Medicine, USA.**

Date: 15/07/2023.











Venue: Multimedia Hall

Time: 10 AM



| Sl No | Name of the faculty | Department   | Signature with date   |
|-------|---------------------|--------------|---|
| 1     | Dr. Benny B         | Pharmacology |  15/7/23 |
| 2     |                     |              |   |
| 3     |                     |              |   |
| 4     |                     |              |   |
| 5     |                     |              |   |
| 6     |                     |              |   |
| 7     |                     |              |   |
| 8     |                     |              |   |
| 9     |                     |              |   |
|       |                     |              |   |

**Student Attendance**

| Sl No | Name of the student | Course and Year                    | Signature with date  |
|-------|---------------------|------------------------------------|--|
| 1     | ANNA ROSE THOMAS    | BPHARM 2020 / 5 <sup>th</sup> SEM  |  15/7/23 |
| 2     | V. Swetha           | B Pharm 2020 / 5 <sup>th</sup> sem |  15/7/23 |
| 3     | ADHIRA MOHANAN      | BPHARM 2020 / 5 <sup>th</sup> SEM  |  15/7/23 |
| 4     | ANGEL JOSE          | BPHARM 2020 / 5 <sup>th</sup> sem  |  15/7/23 |
| 5     | Heera P.G           | BPHARM 2020 / 5 <sup>th</sup> sem  |  15/7/23 |
| 6     | Elise P.A           | BPHARM 2020 / 5 <sup>th</sup> sem  |  15/7/23 |
| 7     | Fathima Insha       | B PHARM 2020 / 5 <sup>th</sup> sem |  15/7/23 |
| 8     | Famisha Munsar      | B PHARM 2020 / 5 <sup>th</sup> sem |  15/7/23 |
| 9     | Britina             | B PHARM 2020 / 5 <sup>th</sup> sem |  15/7/23 |
| 10    | Anshika Shajan      | B PHARM 2020 / 5 <sup>th</sup> sem |  15/7/23 |



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|    |                    |                         |  |          |
|----|--------------------|-------------------------|--|----------|
| 11 | Aleena Joby        | B PHARM 2020 / 5th Sem  |  | 15/7/23  |
| 12 | Devika. M. A       | B. PHARM 2020 / 5th Sem |  | 15/7/23  |
| 13 | Jismy I.V          | B. PHARM 2020 / 5th Sem |  | 15/7/23  |
| 14 | Edvecha Thomas     | B. PHARM 2020 / 5th Sem |  | 15/7/23  |
| 15 | Devika Vinayakumam | B. PHARM 2020 / 5th Sem |  | 15/7/23  |
| 16 | Heidi Sebastian    | B. PHARM 2020 / 5th Sem |  | 15/7/23  |
| 17 | Theertha T.B       | B. PHARM 2020 / 5th SEM |  | 15/7/23  |
| 18 | JISNA DAVIS        | B PHARM 2020 / 5th SEM  |  | 15/7/23  |
| 19 | VISHNUPRIYA K.S    | B PHARM 2020 / 5th SEM  |  | 15-7-23  |
| 20 | Krishnapriya T.R   | B. PHARM 2020 / 5th Sem |  | 15-7-23  |
| 21 | Jitna VI           | B PHARM 2020 / 5th sem  |  | 15-7-23  |
| 22 | Thomas K.V         | B PHARM 2020 / 5th sem  |  | 15/7/23  |
| 23 | Jithin Jey         | " "                     |  | " "      |
| 24 | Shahin Shariyaq    | B pharm 2020 / 5th Sem  |  | 15/7/23  |
| 25 | Hidayath Hadyun    | " "                     |  | 15/7/23  |
| 26 | Sandya K.S         | B pharm 2020 / 5th Sem  |  | 15/7/23  |
| 27 | Sandhya paul       | " "                     |  | " "      |
| 28 | Lenita Jesmy       | " "                     |  | 15/7/23  |
| 29 | Safa T.S           | " "                     |  | " "      |
| 30 | Ayana. V.V.        | " "                     |  | 15/7/23  |
| 31 | Anagha. V.V.       | " "                     |  | 15/7/23  |
| 32 | Anila Varghese     | " "                     |  | 15/7/23  |
| 33 | Annamasia shaji    | BPHAM 2020 / 5th SEM.   |  | 15/07/23 |
| 34 | Kaashanase         | " "                     |  | 15/7/23  |
| 35 | Dency Davis        | PHARM D 2017            |  | 15/7/23  |
| 36 | Eri Xavier         | Pharm D 2017            |  | 15/7/23  |
| 37 | Seleeka C.S        | M pharm 2021            |  | 15/7/23  |
| 38 | Rajasree J         | " "                     |  | 15/7/23  |
| 39 | FEBITTO FRANCIS    | " "                     |  | " "      |
| 40 | Therese K Byju     | B. Pharm 2020 / 5th Sem |  | " "      |
| 41 | Shreha Vincene     | " "                     |  | " "      |
| 42 | Emel Rose          | " "                     |  | " "      |
| 43 | Ansila Leithed     | " "                     |  | " "      |
| 44 | Ajula Anto         | " "                     |  | 15/7/23  |
| 45 | Jes James          | Pharm D 2017            |  | " "      |
| 46 | Alana V.B          | B pham 2020             |  | " "      |
| 47 | Abina P.S          | " "                     |  | 15/7/23  |
| 48 | Sanmariya          | " "                     |  | " "      |
| 49 | Sruthy. K.S        | " "                     |  | 15/7/23  |
| 50 | JESTEENA. JACOB    | PHARM D INTERN 2017     |  | 15/7/23  |
| 51 | REKHA PAULY        | PHARM D INTERN 2017     |  | 15/7/23  |
| 52 | ROSEMARY GEORGE    | PHARM D INTERN 2017     |  | 15/7/23  |
| 53 | CILEN LOVI RAPAN   | PHARM D INTERN 2017     |  | 15/7/23  |



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|    |              |                     |         |
|----|--------------|---------------------|---------|
| 54 | Anula Joseph | PHARM D INTERN 2017 | 15/7/23 |
| 55 | Riya Parveen | PHARM D INTERN 2017 | 15/7/23 |
| 56 |              |                     |         |
| 57 |              |                     |         |
| 58 |              |                     |         |
| 59 |              |                     |         |
| 60 |              |                     |         |
|    |              |                     |         |
|    |              |                     |         |

Dr. Prasanth B

IIC Convener

*Prasanth B*  
15/7/23

Dr. Dineshkumar B

IQAC Coordinator

*B. Dinesh*

15/7/23



Dr. K Krishnakumar

Principal & IIC President

*K. Krishnakumar*  
15/7/23

**Dr.K. KRISHNAKUMAR** Bsc., M.Pharm., Ph.D

Principal

St. James College of Pharmaceutical Sciences

St. James College of Pharmaceutical Sciences

Chalakudy - 688 307