

# Patents, Honours, Awards and other Recognitions

**2023-24**

## Patents awarded

**Sajeed A** [Additional Director (Administration) and Additional Professor, Radiation Oncology] and **Mayadevi L** (Staff Nurse): For the invention titled 'Colostomy irrigation kit'. (Indian Patent No. 531176; Date of granting: 31.03.2024).

**Sreelekha TT** (Associate Professor, Cancer Research) and **Syama HP** (Post-doctoral Fellow, Cancer Research): For the invention titled 'Topical composition for wound healing'. (Indian Patent No. 464226; Date of granting: 31.10.2023).

## Honours, Awards and Recognitions

**RCC Blood Bank:** Kerala State Blood Transfusion Council honour for mobilizing the maximum number of voluntary blood donors in 2022-23 (among autonomous hospitals under the government category). (awarded in October 2023).

## Faculty and other Staff

**Bipin T. Varghese** (Additional Professor, Surgical Services): Appreciation award for invaluable service to mankind by the Y's Men International, South West India region. (02 July 2023).

**Geetha N** (Additional Director (Academic) and Professor & Head, Medical Oncology): Indian Society of Medical and Paediatric Oncology Lifetime Achievement Award, at the 3<sup>rd</sup> Indian Cancer Congress, Mumbai. (02-05 November 2023).

**Gigi Thomas** (Additional Professor & Head, Community Oncology): Best paper award for 'Screening for oral cancer: The Kerala model', presented at the 34th National Conference on Indian Academy of Oral Medicine and Radiology, Davanagere, Karnataka. (01-03 December 2023).

**Guruvayoorappan C** (Associate Professor, Cancer Research):

- 'Affiliate Member' of Royal Society of Chemistry
- Listed in top 2% most influential scientists (Single Year) in 2022 Stanford University List (Published in 2023)
- Fellow of Academy of Sciences, Chennai (Formerly Tamil Nadu Academy of Sciences)

**Kalasekhar VS** (Assistant Professor, Paediatric Oncology):

- Travelling fellowship to attend 'POEM-St Jude Research Workshop-2023', Istanbul, Turkey. (27-29 April 2023).
- St Jude Global Critical Care Program (GCCP) scholarship to attend SIOP 2023 conference, Ottawa, Canada. (11-14 October 2023).

**Jagathnath Krishna KM** (Associate Professor, Cancer Epidemiology): First prize for the oral paper presentation at the 41st Annual Conference of the Indian Society for Medical Statistics. (01-04 November 2023).

**Mary Thomas** (Additional Professor & Head, Anaesthesiology): Fellowship of Onco-Anaesthesia and Perioperative Medicine (FOAPM), awarded by the Academic Council of the Society of Onco-Anaesthesia and Perioperative Care (SOAPC). (August 2023).

**Rajasree O** (Additional Professor, Anaesthesiology): MPhil degree in Clinical Epidemiology from Kerala University of Health Sciences. (August 2023).

**Sarin B** (Assistant Professor, Radiation Physics): PhD in Physics by Noorul Islam University, Kanyakumari, for the thesis 'Application of Monte Carlo simulation in radiotherapy'. (July 2023).

**Shaji Thomas** (Additional Professor & Head, Surgical Services): Dr. Mohandas memorial oration award by Association of Surgeons of India, Kerala chapter. (May 2023).

**Subha R** (Associate Professor, Anaesthesiology): Three month Aesculap Academy-Daradia fellowship in pain management (Basic and Advanced) organized by Daradia Pain Clinic, Kolkata. (April-July & October-December 2023).

**Sudha P** (Additional Professor & Head, Palliative Medicine): UICC fellowship for one month of training on safer and non-addictive pain management in cancer patients at the University of Texas MD Anderson Cancer Centre, Houston, Texas, USA. (January 2024).

**Wagh Mira Sudam** (Associate Professor, Surgical Services): Fellowship in Advanced Laparoscopic Surgery (FALS UGI 2023) under the aegis of the Indian Association of Gastro EndoSurgeons (IAGES). (June 2023).

## **Trainees**

**Abilash Aravindakshan** (DM Medical Oncology Resident): Bronze medal for best preferred paper at 'Oncology 24: International Conference on Multidisciplinary Management of Common Cancers', Kochi. (08-10 March 2024).

**Abinaya RN** (MCh Surgical Oncology Resident): IASO fellowship award for paper at the 3<sup>rd</sup> Indian Cancer Congress, Mumbai. (02-05 November 2023).

**Ajay Sankar, Nandakumar R and Rajani Lilly Cherian** (DM Paediatric Oncology Residents): Travel fellowship to attend St Jude Viva Forum 2024 held in Singapore, in which all three abstracts were selected for oral presentation. (29 Feb-03 March 2024).

**Akhil T. Jacob** (MCh Surgical Oncology Resident): Best paper award and first prize in national level quiz at the 3<sup>rd</sup> Indian Cancer Congress, Mumbai. (02-05 November 2023).

**Amirthvarshan A** (MD Radiation Oncology Resident): First Prize in Quiz at 'Oncology 24: International Conference on Multidisciplinary Management of Common Cancers', Kochi. (08-10 March 2024).

**Amy S. Mathew** (Research Scholar, Cancer Research): First position in the quiz organised during the two-day national seminar (online) on Microplastics: Current Scenario, Challenges & Future Prospects organised by ICMR-NIREH, Bhopal. (22-23 August 2023).

**Annie Joseph** (DM Medical Oncology Resident): Second prize for best poster presentation at the AMPOK Year End Conference, Thiruvananthapuram. (16-17 December 2023).

**Arya RS** (Research Scholar, Cancer Research): DDRC best oral presentation award in herbal medicine and disease management at the National Conference on Emerging Trends in Healthcare Biotechnology: Innovations, challenges, and future prospects (ETHB 2023), Regional Cancer Centre, Thiruvananthapuram. (30 November-02 December 2023).

**Cicily Scaria** (MD Radiation Oncology Resident): Second place in paper presentation at AROI Kerala State Chapter Conference, Vagamon. (09-10 December 2023).

**Dhanisha SS** (Research Scholar, Cancer Research): PhD in Biotechnology by the University of Kerala for the thesis 'Investigation of immunomodulatory efficacy of natural products and its potential application in preventing cancer'. (April 2023).

**Dhanya Krishnan** (Research Scholar, Cancer Research): Best paper presentation award in molecular diagnostics at the International Conference on Emerging Trends in Genomics and Biomedicine (ETGB-2023), University of Kerala, Kariavattom Campus. (15-17 November 2023).

**Divya Dennis** (Research Scholar, Cancer Epidemiology): Women In Science and Engineering (WISE)-PhD fellowship instituted by Department of Science and Technology, Govt. of India. (January 2024).

**Drishya Sudarsanan** (Research Scholar, Cancer Research): PhD in Biotechnology by the University of Kerala for the thesis 'Investigation of the radioprotective and anticancer potential of *Amomum subulatum*'. (March 2024).

**Elsa Joy** (MD Pathology Resident): First prize for the poster presentation at the ONCOPATH 2.0: CME, Rajagiri Hospital, Aluva. (14 May 2023).

**Joe Jose** (DM Medical Oncology Resident): ISMPO best poster presentation award at the 3<sup>rd</sup> Indian Cancer Congress 2023, Mumbai. (02-05 November 2023).

**Kalai Bharathi J** (DM Medical Oncology Resident): Gold medal for best preferred paper at 'Oncology 24: International Conference on Multidisciplinary Management of Common Cancers', Kochi. (08-10 March 2024).

**Kaviya SM** (MD Pathology Resident): First prize for the poster presentation and case presentation of slide seminar at the IAPM Kerala Chapter meetings held in August 2023 and February 2024 respectively.

**Kushagra Rahul** (MCh Surgical Oncology Resident): Meritorious award in paper presentation at the 3<sup>rd</sup> Indian Cancer Congress, Mumbai. (02-05 November 2023).

**Lakshmi Raj K, Siddharth S, Joe Jose** (DM Medical Oncology Residents): ICON (OGS) Best Post Graduate Teaching Institution Perpetual Trophy at the 50<sup>th</sup> Golden Jubilee ICON Conference, Hyderabad. (15-17 March 2024).

**Nandakumar R and Sai Shiva G** (DM Paediatric Oncology Residents): Secured the runner-up position in quiz conducted as part of the 5<sup>th</sup> Annual Paediatric Solid tumour Disease Management Group, Tata Memorial Hospital, Mumbai. (14-15 April 2023).

**Parvathy Rajmohan** (DM Medical Oncology Resident):

- ISMPO travelling fellowship for oral presentation at the 3<sup>rd</sup> Indian Cancer Congress 2023, Mumbai. (02-05 November 2023).
- First prize in best oral presentation competition at the 50<sup>th</sup> Golden Jubilee ICON Conference, Hyderabad. (15-17 March 2024).

**Reshma PL** (Post-doctoral Fellow, Cancer Research):

- Chief Minister's NavaKerala Post-Doctoral (CMNP) Fellowship Mode I/Sreelekha TT (Mentor).
- Dr. D. M. Vasudevan Endowment Award (Poster presentation) for the year 2023 at the 49th ACBICON 2023, organized by the Association of Clinical Biochemists of India (ACBI) and Believer's Church Medical College Hospital (BCMCH), Thiruvalla. (14-16 September 2023).

**Sai Shiva G** (DM Paediatric Oncology Resident): Travel grant for CReDO workshop at Mumbai. (04-09 March 2024).

**Shalini Rajan** (Research Scholar, Cancer Research): Grant writing-third prize for 'A novel injectable click hydrogel-based whole cell cancer vaccine abates tumor load in mice'/Shalini Rajan, Sreekutty J, Reshma PL, Sreelekha TT (Mentor), at the IUIS-FIMSA-IIS-Immuno-India 2023 course: Epigenetic Regulation of Immune Responses, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram. (01-06 October 2023).

**Sherry Abraham** (DM Medical Oncology), **Akhil T. Jacob** (MCh Surgical Oncology) and **Amritavarshan** (MD Radiation Oncology): First prize in the ONQUEST quiz programme as part of the 3rd Indian Cancer Congress, Mumbai. (02-05 November 2023).

**Shiji R** (Research Scholar, Cancer Research): Dr. Divya Ravindran Memorial Award 2023 for the best research paper 'Galactomannan armed superparamagnetic iron oxide nanoparticles as a folate receptor-targeted multi-functional theranostic agent in the management of cancer'/Shiji R, Manu M Joseph, Anitha Sen, Raveendran Pillai K, Unnikrishnan BS, Sreelekha TT (Corresponding author). International Journal of Biological Macromolecules Vol. 219, 2022, p.740-753.

**Siddharth S** (DM Medical Oncology Resident): ISMPO best poster presentation at the 3rd Indian Cancer Congress 2023, Mumbai. (02-05 November 2023).

**Sulfath TP** (Research Scholar, Cancer Research): Shri. K.N. Narasimhaiah award for the best original paper (oral) on Cancer Biology at the National conference on Emerging Trends in Healthcare Biotechnology: Innovations, challenges, and future prospects (ETHB 2023), Regional Cancer Centre, Thiruvananthapuram. (30 November-02 December 2023).

**Syama HP** (Post-doctoral Fellow, Cancer Research):

- Chief Minister's NavaKerala Post-Doctoral (CMNP) Fellowship Mode I/Sreelekha TT (Mentor).
- Kunnath Pharmaceuticals award for best original paper presentation at the National conference on Emerging Trends in Healthcare Biotechnology: Innovations, challenges, and future prospects (ETHB 2023), Regional Cancer Centre, Thiruvananthapuram. (30 November-02 December 2023).

**Vyshakh T** and **Aswin S** (DM Medical Oncology Residents): Silver medal in quiz competition at 'Oncology 24: International Conference on Multidisciplinary Management of Common Cancers', Kochi. (08-10 March 2024).

**Vyshakh T** (DM Medical Oncology Resident): First place in the AMPOK quiz on management of breast cancer by Trivandrum Oncology Club and AMPOK, Thiruvananthapuram. (29 October 2023.)

## **2022-23**

### **Faculty and other Staff**

#### **Patent awarded**

Lekha Dinesh Kumar, **Rekha A. Nair**, Vinod Kumar Verma, Kusuma Kumari P, Esther Alexander Liza. Biomarker Discovery in Paediatric Acute Lymphoblastic Leukemia. (Indian Patent Application No. 2963/DEL/2013; Grant No. IN2013DE02963A)

**Aleyamma Mathew** (Professor & Head, Cancer Epidemiology and Biostatistics): received the prestigious Finland Cancer Foundation award worth €5000 for promoting population-based cancer registration and related epidemiological research in India.

**Anoop TM** (Associate Professor, Medical Oncology): received F.R.C.P. (Edin) from the Royal College of Physicians of Edinburgh. (June 2022).

**Chandramohan K** (Additional Professor, Surgical Services): received first prize for best faculty paper, 'Laparoscopic Vs. Open surgery for rectal cancer: A single institutional propensity score-matched study', and third prize for best faculty paper, 'Lymph node yield, mapping and involvement status study in fresh, non-fixed, wet specimens of resectable colonic cancer' at ASICON2022, Mumbai. (22 December 2022).

**Deepthi J. Prabhu** (Associate Professor, Anaesthesiology): received Aesculap Academy Daradia online Fellowship in Pain Management, instituted by the Daradia Pain Hospital, Kolkata in association with Aesculap Academy, India. (February 2022 to May 2022).

**Guruvayoorappan C** (Associate Professor, Cancer Research)

- received Shri. K.N. Narasimhaiah Award for the best original paper presentation (oral) on cancer biology, conferred by Society of Biotechnologists (India). (17-19 November 2022).

**Jayasree K** (Professor & Head, Pathology) and **Veena VS** (Cytotechnologist, Pathology): selected as members of National Cytotechnology curriculum modification committee.

**Rexeena Bhargavan** (Associate Professor, Surgical Services): received best paper award for, 'Sentinel lymph node biopsy in post neoadjuvant chemotherapy breast cancer patients using prechemotherapy breast tattooing: A prospective study', at NATCON IASO 2022, Madurai. (06-09 October 2022).

**Sugeeth MT** (Assistant Professor, Medical Oncology): received International Cancer Foundation (ICF) scholarship for ESMO Asia Congress 2022, Singapore. (02-04 December 2022).

### **Trainees**

**Abeesh P** (Research scholar, Cancer Research): received Dr. Divya Ravindran Memorial Award 2022 for best research paper, instituted by Regional Cancer Centre, Thiruvananthapuram.

**Ajay Sankar** and **Thirumala CR** (DM Paediatric Oncology trainees), were awarded second prize in National Mid-Term PHOCON Quiz. (July 2022).

**Akhila Raj TV** (Research scholar, Cancer Research)

- awarded PhD in Biotechnology by the University of Kerala for the thesis, 'Molecular studies on genes responsible for drug resistance: A study on *de novo* and relapsed AML patients'. (December 2022).
- received best paper award for, 'Role of cytogenetics, Wilms' tumour1 and cytidine deaminase in predicting therapeutic response of AML patients' in Health Science Section-Scientist Category at the 35<sup>th</sup> Kerala Science Congress, Idukki. (12-14 February 2023).

**Archana MG** (Research scholar, Cancer Research): received first prize for the best oral presentation, 'Polysaccharide-gold nanosystem guided combinatorial delivery of HER2 siRNA and doxorubicin: A promising *in vivo* therapeutic strategy for augmented breast cancer therapy/Archana MG, Anusree KS, Reshma PL, Sreelekha TT (Mentor)' at the Indo-US Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-IX), organised by Department of Biochemistry, University of Kerala. (01-03 February 2023).

**Bhavya S. Kumar** (DM Medical Oncology trainee): received best paper award at Oncology 2022: International Conference on Recent Advances in the Multidisciplinary Management of Common Malignancies, Kochi. (October 2022).

**Dhanisha SS** (Research scholar, Cancer Research): received best paper award at the National Conference (hybrid mode) on Precision Medicine and the future of Personalized Medicine. (17-28 August 2022).

**Iswarya S. Nair** (MD Pathology trainee): received first prize for the case presentation, 'SMARCB1 deficient sinonasal carcinoma' at the IAPM 90<sup>th</sup> Kerala chapter meeting, at Believers Church Medical College, Thiruvalla. (12 February 2023).

**Manasa VG** (Research scholar, Cancer Research): was awarded PhD in Biotechnology by the University of Kerala for the thesis, 'Biological significance of miRNAs altered in oral carcinoma'. (July 2022).

**Shanaz S. Sharaf** (Research scholar, Cancer Research): received 2nd prize for the paper, 'Subcellular expression of MTA1 and HIF1A in primary tumour tissue predicts aggressive phenotype in triple negative breast cancers' at the International Conference Biotechnology and Informative Technology in Drug Discovery and Development conducted by Annamalai University. (25-26 June 2022).

**Shalini Rajan** (Research scholar, Cancer Research): received award for best oral presentation at the International Seminar on Recent Trends in Omics, Regenerative and Precision Medicine: Interface between infectious and non-infectious diseases organized by Department of Zoology, University of Kerala. (22-24 July 2022).

**Sinto MS** (Research scholar, Cancer Research): was awarded PhD in Biotechnology by the University of Kerala for the thesis, 'Biology of NF $\kappa$ B and STAT3 transcription factors in oral carcinogenesis'. (June 2022).

**Sreekutty J** (Research scholar, Cancer Research): received best poster award for 'Doxorubicin loaded polysaccharide based ZnO quantum dots for targeted drug delivery/Sreekutty J, Reshma PI, Syama HP, Archana MG, Sreelekha TT (Mentor)' at the National Seminar on Recent Trends in Disease Prevention and Health Management (NS-DPHM-2022), Jointly organized by CSIR-NIIST and Kerala Academy of Sciences (KAS), CSIR-NIIST, Thiruvananthapuram. (14-15 December 2022).

## **2021-22**

### **Faculty and other Staff**

#### **Patent Awarded**

**Raghukumar P (Additional Professor & Head, Radiation Physics)**: for the invention of the 'Modified spacer balloon device' in collaboration with HLL Lifecare Ltd. (Indian Patent No. 379287 dated 13.10.2021, Application No. 584/CHE/2011).



## **Awards/Honours/Fellowships**

**Anoop TM (Associate Professor, Medical Oncology):** completed the Trialect Fellowship in Metanalysis and Biostatistics. University of Foggia, Italy/Online. (May 2021–January 2022).

**Jayasree K (Professor & Head, Pathology):** Founding President of Indian Association of Musculoskeletal Pathologists (2021).

**Jiju JS (Lab. Technician Sel.Gr., Pathology):** awarded PhD by the Meenakshi Academy of Higher Education and Research, Chennai for the thesis, 'Somatic DNA damages in modifiable and non-modifiable risk factors in coronary artery disease'. (December 2021).

**Priyakumari T (Professor & Head, Paediatric Oncology):** received the Best Teacher award for 2021 (Medical stream) of Kerala University of Health Sciences.

**Rachel Cherian Koshy (Professor & Head, Anaesthesiology):** nominated as a member of the Specialist Board of Onco Anaesthesia by the National Board of Examinations, Ministry of Health and Family Welfare, Govt. of India.

**Sarin B (Assistant Professor, Radiation Physics):** received first prize for best oral paper presentation, 'Montecarlo simulation of lung SBRT plans using PRIMO Monte Carlo Code and its validation against Acuros® XB', at the Conference on Radiation in Health Care (CRHC 2021) conducted by the Department of Radiological Physics, SMS Medical College and Hospitals, Jaipur on 26-27 April 2021.

**Shaiju VS (Assistant Professor, Radiation Physics):** awarded PhD by the Meenakshi Academy of Higher Education and Research, Chennai for the thesis, 'Design and fabrication of a head phantom for the dosimetric evaluation of radiotherapy treatment plans'. (October 2021).

**Sudha P (Additional Professor & Head, Palliative Medicine):** awarded Fellowship in Regional Anaesthesia & Pain management by the Indian Society of Anaesthesiologists.

## **Trainees**

**Archana MG (Research Scholar, Cancer Research):**

- received Second Prize for the best oral presentation, 'Combinatorial delivery of EGFR siRNA and doxorubicin: a dual-targeting in vivo therapeutic approach for lung tumour management', at the 3rd National Biomedical Research Competition (NBRCOM 2021), Society of Young Biomedical Scientists, India, held on 06-10 December 2021.
- received Second Prize for the best oral presentation, 'Bio-fabricated metallic nanosystem conjugated with siRNA: a promising gene delivery system for tumour

management', at the SymBiot-Celebrating Biotech: International Biotechnology Conclave, College of Agriculture, Thiruvananthapuram, 14–15 December 2021.

**Asha Lekshmi (Post-doctoral fellow, Cancer Research):** received first prize in best paper presentation (Scientist category) for the paper, 'Immunohistochemical profiling of p53 mutation status: a propitious approach for TNBC prognostication', at the 34th Kerala Science Congress, Thiruvananthapuram, 10-12 February 2022.

**Joseph Vimal (Research Scholar, Cancer Research):** received the best paper award in disease biology and bioinformatics at the International Conference on Advanced Biology 2022, organised by the Inter-University Centre for Evolutionary and Integrative Biology, University of Kerala. (February 2022).

**Preethi G. Nath (Research Scholar, Cancer Research):** was awarded PhD in Biotechnology by the University of Kerala for the thesis, 'Prognostic significance of cytogenetic and molecular studies in paediatric acute leukaemia patients'. (January 2022).

**Preethi GU (Research Scholar, Cancer Research):** was awarded PhD by the University of Kerala for the thesis, 'Chemotherapeutics loaded polysaccharide scaffold as a novel tool to fight against cancer'. (June 2021).

**Shiji R (Research Scholar, Cancer Research):** was awarded PhD by the University of Kerala for the thesis, 'Evaluation of *Punica granatum* fruit rind polysaccharide nano-constructs for theranostic applications in cancer'. (December 2021).

**Unnikrishnan BS (Research Scholar, Cancer Research):**

- awarded PhD by the University of Kerala for the thesis, 'Application of polysaccharide metal nanoconjugates in cancer detection and therapy'. (August 2021).
- received Dr. Divya Ravindran Memorial Award 2020 for the best research paper of the 2020-2021 academic year: 'Unnikrishnan BS, Anitha Sen, Preethi GU, Joseph MM, Maya S, R. Shiji, Anusree KS, Sreelekha TT. Folic acid-appended galactoxyloglucan-capped iron oxide nanoparticles as a biocompatible nanotheranostic agent for tumour-targeted delivery of doxorubicin. International Journal of Biological Macromolecules, 168,130-142, 2021'. (awarded on 16th October 2021).

## **2020-21**

### **Faculty and other Staff**

#### **Patent Awarded**

Lekha Dinesh Kumar, Vinod Kumar Verma, **Rekha A.Nair**, Jem Prabhakar, **Jayasree K.**, awarded the Australian Patent for 'Biomarkers useful for detection of types, grades and stages of human breast cancer'. (Patent No. 2018202963; Year 2020)

#### **Awards/Honours**

**Dhanya Dinesh (Assistant Professor, Surgical Services)**, received Dr. Chitrathara Medal for the best paper in Gynaecologic Oncology at All Kerala Conference of Obstetrics and Gynaecology, Kochi. (February 2021).

**Sindhu Nair P (Assistant Professor, Pathology)**, won best poster award for 'Endometrioid carcinoma: Report of three unusual variants', at the BAGP 2020: British Association of Gynaecological Pathologists', 11-12 June 2020. (E-poster competition).

**Sudha P (Additional Professor, Palliative Medicine)**, awarded UICC fellowship for safe non-opioid cancer pain management.

**Sunil Kumar S (Technical Officer, Radiation Physics)**, awarded PhD by Meenakshi Academy of Higher Education and Research, Chennai on the topic 'Sustainability/prevalence of dengue fever in Thiruvananthapuram district, Kerala: Case study'. (March 2021).

**Zhenia Gopalakrishnan (Assistant Professor, Radiation Physics)**, awarded PhD by University of Kerala on the topic 'Evaluation of radiotherapy treatment planning techniques and different dose calculation algorithms for the management of breast cancer'. (May 2020).

#### **Trainees**

**Abeesh P (Research Scholar)**, won best poster award for 'Nanoliposomal withaferin A induce apoptosis in lymphoma cells and mitigate murine solid tumour development by regulating BCL-XL', at the National Conference on Recent Advances in Applied Sciences, Technology and Health (RASTH – 2021), 04-05 March 2021.

**Archana MG (Research Scholar)**, won first prize for the poster 'Bio fabricated metallic nanosystem conjugated with doxorubicin: A promising drug delivery system for tumour management', at the International Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-VII), Department of Biochemistry, University of Kerala, Thiruvananthapuram, 09-11 February 2021.

**Divya V. Gladston (MD Anaesthesiology student)**, awarded Gold Medal for best outgoing post graduate student (2020).

**Joseph Vimal (Research Scholar)**, won best oral presentation (Scientist) award for the paper, 'Utilization of oral fluid metabolites as diagnostic and prognostic markers in oral tongue cancer', at the 33rd Kerala Science Congress, 25-30 January 2021.

**Preethi GU (Research Scholar)**, received Dr. Divya Ravindran Memorial Award 2020 for best research paper of the year 2019-2020, 'Doxorubicin eluting microporous polysaccharide scaffolds: An implantable device to expunge tumour'. Materials Science and Engineering: C. 107, 110332, 2020. (16 October 2020).

**Rahul Rajagopal (MD Pathology student)**, received third rank in MD Pathology examinations. (2020).

**Shanaz S. Sharaf (Research Scholar)**, won best oral presentation award for the paper, 'Multiplexed IHC provides comprehensive prognostic information of breast carcinoma', at the 33rd Kerala Science Congress, 25-30 January 2021.

**Steffi Chacko (DM Medical Oncology student)**

- received 3<sup>rd</sup> prize for the paper, 'Serum cystatin as a prognostic marker in multiple myeloma', at the 43<sup>rd</sup> ICON, Virtual Conference, 09-11 October 2020.
- Received 1<sup>st</sup> prize for the paper, 'Serum free light chain assay as a prognostic marker in aggressive B cell NHL: Impact on survival outcome', at ISMPOCON 2020: Annual Conference of Indian Society of Medical and Pediatric Oncology (Webinar), Bengaluru, 06-08 November 2020.

**Unnikrishnan BS (Research Scholar)**

- Won first prize for the poster, 'Folic acid conjugated polysaccharide iron oxide nanoparticles: a new platform for magnetic field mediated liquid biopsy', at the Indo-UK Virtual conference, CBCMT, VIT, Vellore, India, Swansea University, United Kingdom and NIPER, Kolkata, India, 01-03 June 2020.
- Received Shri K.N. Narasimhaiah award for best original paper in Cancer Biology, 'Theranostic nano probe for the laser mediated tumour ablation coupled with Raman spectroscopic analysis', at the National Virtual Conference on Recent

Breakthroughs in Biotechnology and Annual Meet of Society for Biotechnologists (India) 2021, Bharathiar University, Coimbatore, 22-23 January 2021.

## **2019-20**

### **Faculty and other Staff**

#### **Patent**

**Rekha A. Nair** (Director), awarded the US Patent for 'Biomarkers useful for detection of types, grades and stages of human breast cancer'. (Patent No. US10208353B2, Year: 2019)

#### **Provisional Patent**

**Shaiju VS** (Assistant Professor, Radiation Physics), awarded provisional patent for 'PMMA head phantom for the dosimetric evaluation of radiotherapy treatment plans'. (Provisional patent reference No. 201941035043, Year: 2019).

#### **Awards/Honours**

**Aleyamma Mathew** (Professor, Cancer Epidemiology & Biostatistics), received Fellowship for attending the Combined Conference of North American Association of Central Cancer Registries (NAACCR) and International Association of Cancer Registries (IACR) 2019, Vancouver, British Columbia, Canada. (June 2019).

**Chandramohan K** (Additional Professor, Surgical Services), received best paper awards: 1. 'Prospective observational study of lymph node harvest in nonfixed wet specimen of rectal malignancy', and 2. 'Pattern of care of peripheral soft tissue sarcoma: Experience from a tertiary cancer centre' at ASICON 2019: Annual National Meeting of Association of Surgeons of India, Bhubaneswar. (18-21 December 2019).

**Gigi Thomas** (Additional Professor, Community Oncology), received best paper award for 'A randomized double blind placebo controlled trial of curcumin in oral leukoplakia', at the National Conference of Indian Academy of Oral Medicine and Radiology, Amritsar. (15-17 November 2019).

**Guruvayoorappan C** (Assistant Professor, Cancer Research), received Shri. K. N. Narasimhaiah Award instituted by Society of Biotechnologists of India (SBTI), for the best original paper presentation in Cancer Biology. (28 September 2019).

**Francis V. James** (Professor, Radiation Oncology), received AROI Kirloskar Fellowship. Medical University Hospital, Vienna, Austria. (19th August - 06th September 2019).

**Jagathnath Krishna KM** (Assistant Professor, Cancer Epidemiology & Biostatistics), received R@IISA Scholarship, from International Indian Statistical Association (IISA) for presenting the paper, 'Simulation study using R for comparing Kaplan-Meier method with weighted Kaplan-Meier methods'. (December 2019).

**Lakshmi Haridas K** (Assistant Professor, Medical Oncology), won Molecular Oncology Grant competition in 41st ICON Conference, Ahmedabad. (September 2019).

**Neelima Radhakrishnan** (Assistant Professor, Pathology), won 2<sup>nd</sup> prize for the poster 'Sarcomatoid change in a mucinous tubular and spindle cell carcinoma of the kidney' at the CME on Genitourinary Pathology (GUPATH), Hyderabad. (November 2019).

**Preethi Sara George** (Additional Professor, Cancer Epidemiology & Biostatistics), received Fellowship for attending the Combined Conference of North American Association of Central Cancer Registries (NAACCR) ) and International Association of Cancer Registries (IACR) 2019, Vancouver, British Columbia, Canada. (June 2019).

**Ramadas K** (Professor, Radiation Oncology), received Dr. Rangi Prasad Memorial Lecture award at the 41<sup>st</sup> Annual Conference of AROI, Ahmedabad. (December 2019).

**Simi CM** (Assistant Professor, Pathology), won 2<sup>nd</sup> prize for the poster 'Flow cytometry in chronic T cell lymphoproliferative disorder: Study from a tertiary oncology centre in South India' at the 12<sup>th</sup> Annual Meeting of the Cytometry Society: Advanced workshop on Flow cytometry in Hematopathology, Lucknow. (October 2019).

**Siva Ranjith J** (Assistant Professor, Surgical Services), awarded Fellowship of the Indian Association of Gastrointestinal Endo Surgeons (FIAGES) for Minimal Access Surgery. (09 February 2020).

**Sunitha Kumari R** (Head Nurse, Nursing Services), received National Florence Nightingale Award 2019, sponsored by National Press Council of India Charitable trust and the Newspaper association of Karnataka.

**Veena VS** (Cytotechnologist Sel. Gr., Pathology), received Dr. Panna Choudhury Memorial Award for the article 'Immunocytochemistry on sputum samples predicts prognosis of lung cancer', published in Journal of Cytology Vol. 36: 38-43, 2019.

## **Trainees**

**Anju Anna Abraham** (DM Medical Oncology student), won 3<sup>rd</sup> place in ICON free paper competition, at the 41st ICON Conference, Ahmedabad. (September 2019).

**Aswathy G. Nath** (Senior Resident, Surgical Services )

- Received 1st prize for the Video presentation at the ISCCP National Conference, Visakhapatnam. (April 2019)
- Received 2nd prize for paper presentation and 3rd prize for quiz competition at AOGIN 2019: Asia-Oceania Research Organisation in Genital Infection and Neoplasia, Kochi. (December 2019).

**Ajeesh BL** (Research Scholar, Cancer Research), received best paper award for 'Role of glucose transporter (Glut-1) as a potential target for breast cancer therapy', at the 8<sup>th</sup> International Translational Cancer Research Conference on Role of Inflammation and Immune System for Cancer Prevention and Treatment, at Banaras Hindu University, Varanasi. (13-16 February 2020).

**Archana V. Nair** (MD Anaesthesiology student), secured second rank in the MD Anaesthesiology exam conducted by Kerala University of Health Sciences. (2019).

**Divya Gladstone** and **Anila Basheer** (MD Anaesthesiology students), received National Travel Fellowship awarded by Indian Society of Anaesthesiologists.

**Nandini Devi** (DM Medical Oncology student)

- received second prize for best paper presentation at Indian Society of Oncology-Indian Society of Medical & Pediatric Oncology Conference (ISMPO), Indore. (1 November 2019).
- received second prize for best poster presentation at RGCON Hematooncology Update, New Delhi. (7 February 2020).

**Nandini Devi, Anju Anna Abraham, Unnikrishnan** (DM Medical Oncology students), won 3<sup>rd</sup> place in ICON Best Oncology PG Institutes, at the 41st ICON, Ahmedabad. (September 2019).

**Raghwesh Ranjan** (DM Paediatric Oncology student), won 1st prize in difficult case discussion session at INSIGHT 2019: Orthopedic Conference, Thiruvananthapuram. (July 2019).

**Rahul Rajagopal** and **Rebecca George** (MD Pathology student), won 1st prize in the quiz competition conducted by Kerala chapter of IAPM. (February 2020).

**Rebecca George** (MD Pathology student), won 1st prize for the case presentation in Ortho-Radio-Patho (ORP) session at INSIGHT 2019: Orthopedic Conference, Thiruvananthapuram. (July 2019).

**Sheeja K** (Post-Doctoral Research Fellow, Cancer Research), received best paper award for 'Protective effect of  $\alpha$ -mangostin on oral cancer cell invasion and molecular mechanism of action', at the 40th Annual Conference of Indian Association of Biomedical Scientists (IABMS), held at Chettinad Hospital and Research Institute (CHRI), Kelambakkam, Chennai. (31 October - 2 November 2019).

**Sulfath TP** (Research Scholar, Cancer Research)

- Received Sitaram Joglekar Memorial Award 2020 for best oral presentation by young scientist at the 39th Annual Conference of Indian Association for Cancer Research, organized by RGCB, Thiruvananthapuram. Paper: Hippo pathway effector yes associated protein (YAP) mediates tumour aggressiveness in breast cancer cells. (05-07 February 2020).
- Received best award for the paper, 'Verteporfin inhibits proliferation and metastasis in breast cancer cells via regulating YAP activation' at the 8th International Translational Cancer Research Conference, Banaras Hindu University, Varanasi. (13-16 February 2020).

**Unnikrishnan BS** (Research Scholar, Cancer Research)

- Received first prize for best oral presentation, 'Investigation of sub-cellular responses for the evaluation of the laser-mediated tumour ablation via Raman spectroscopic platform using green synthesized gold nanostars', at the one day Symposium on Targeting Metabolism in Non-Communicable Diseases, SCTIMST, Thiruvananthapuram. (02 August 2019).
- Received first prize for best poster presentation, 'Polysaccharide coated iron oxide nanoparticle-mediated macrophage activation as a strategic anti-tumour mechanism', at RBAT VI 2019: Recent Biochemical Approaches in Therapeutics, organised by Department of Biochemistry, University of Kerala, Thiruvananthapuram. (09-11 December 2019).
- Received first prize for the best poster, 'Targeted polysaccharide coated iron oxide nanoparticles: a smart nanovector for cancer theranostics', at the 32nd Kerala Science Congress, Palakkad. (25-27 January 2020).

**Vishnu Walsan K** (Research Scholar, Cancer Research), received award for best oral presentation in Health Sciences section at the 32nd Kerala Science Congress, Palakkad. (25-27 January 2020).

**Date: 14-10-2024**

**Sd/-  
DIRECTOR**