



PUSHPAGIRI COLLEGE OF PHARMACY THIRUVALLA

Medicity Campus, Perumthuruthy P.O., Tiruvalla - 689107.

Tel: 0469-2645450, 2645900, Fax: 04692645460



PHARMA ECHO

A BIENNIAL NEWSLETTER OF PUSHPAGIRI COLLEGE OF PHARMACY

Vol. 9(1), 2024

OUR VISION

We Care.... God Cures...

OUR MISSION

To work towards a knowledge society with life in abundance through science and technology, improving health care for our immediate community, the state, the country and the world at large.

INSIDE THIS ISSUE

- EDUCATION & RESEARCH
- IQAC INITIATIVES
- NSS ACTIVITIES
- NATURE CLUB ACTIVITIES
- DYUTHI STUDENTS' UNION ACTIVITIES
- 'NYABHAGAM 19'- B. PHARM FAREWELL
- STAFF & STUDENTS PARTICIPATION
- CAREER GUIDANCE PROGRAMMES
- EVENTS @ PCP
- STAFF WELFARE CELEBRATIONS
- PROUD MOMENTS
- INTRODUCING NEW FACULTY



PRINCIPAL'S MESSAGE

It is a moment of pride that Pushpagiri College of Pharmacy is releasing its ninth volume of news bulletin 'PHARMA ECHO'. This newsletter updates co-curricular and extracurricular activities of the college. Our college aims at preparing the students as pharmacist & making them aware of rights and duties of stipulated moral issues in pharmacy ethics and values. The efforts behind this newsletter and its continuous sequel in every year are very much worth to appreciate. I take this opportunity to congratulate all the devoted hands who worked behind and I hope this culture of releasing newsletter continuous forever. Your dedication and hard work are truly commendable.

Best Wishes,
Prof. Dr. Santhosh M. Mathews
Principal



FROM THE EDITOR'S DESK

At the outset, I deem it a privilege to be the Newsletter Editor and be a part in making this Newsletter a reality. It gives me immense pleasure to launch the ninth volume of the newsletter. The Biennial Newsletter focuses on bringing the activities of all the departments, committees and the college to forefront. I would like to take this opportunity to extend my heartfelt gratitude to my entire team of 'PHARMA ECHO' who have played wonderful role in bringing this newsletter to the forefront. Last but not the least, we are thankful to all the authors who have contributed their articles for this newsletter especially our fellow alumni members. Involving god's blessing upon this credible venture, we put forth for your reading and kind reviews. Wishing you an enlightening and enriching reading experience!

With Regards,
Julie Mariam Joshua
Chief Editor



PUSHPAGIRI COLLEGE OF PHARMACY

ADMINISTRATION

CHIEF PATRON



HIS GRACE REV. DR. THOMAS MAR KOORILOS

EDITORIAL BOARD

STAFF ADVISORS



Dr. Christy K. Jose



Dr. Malini S.



Sri. Jacob Punnoose IPS
Principal Advisor

ASSOCIATE EDITORS



Mrs. Bincy K. Chacko



Mrs. Preethu P. John



Rev. Dr. Biju Varghese
CEO



Rev. Fr. Aby Vadakkumthala
Director, Institutions

SUB EDITORS



Mrs. Anju V.



Mrs. Pheba Susan Thomas



Prof. Dr. Santhosh M. Mathews
Principal

ABOUT THE COLLEGE

Pushpagiri College of Pharmacy is one of the member institution of Pushpagiri Medical Society, Thiruvalla. Pushpagiri Medical Society is owned and managed by Catholic Archdiocese of Thiruvalla, Kerala, a Christian Charitable Society registered under the societies act. Pushpagiri Medical Society is pioneers in healthcare in central Kerala providing its services since 1949.

The society is having a 900 bedded Medical College Hospital, a Dental College, a Pharmacy College, a Nursing College, Centre for Virology, Pushpagiri Research Centre and College of Allied Health Sciences to impart medical education at graduate and post graduate levels.

As a part of providing academic excellence to various academic interfaces, we have collaborations and MoUs with various institutions and universities.

Pushpagiri College of Pharmacy is one of the reputed Pharmacy Colleges in Kerala. It was established in the year 2004.

The college is approved by Pharmacy Council of India, and affiliated to Kerala University of Health Sciences.

We offer B. Pharm M. Pharm, Pharm D, Pharm D (PB) and research programmes. We provide best quality education

in Kerala with well-equipped laboratory, research lab, toxicology lab and library. Clinical training is conducted at our super speciality medical college hospital by expert team of clinicians.

We have completed the second cycle of NAAC accreditation successfully. Students from our institution are been placed in reputed hospitals and industries across India and abroad.

INSTITUTIONAL HIGHLIGHTS

- Excellent ambience for teaching, learning, research and extracurricular activities.
- RMC for nurturing research (animal house, medicinal garden).
- Nature Club.
- Participation in NIRF.
- NSS Unit.
- Placement Cell.
- Wi-Fi enabled campus, Separate Pharm D Block.
- Separate hostel facilities for boys and girls within the campus.
- Well-established Clinical Pharmacy division in the medical college hospital with NABH and NBA accreditation.
- Committed PhD registered faculties.

EDUCATION & RESEARCH

FACULTY



Dr. M. Rajkumar

Professor, Department of Pharmacognosy
Pushpagiri College of Pharmacy, Thiruvalla

HERBAL APPROACH TO CHRONIC KIDNEY DISEASE

The kidney disease is a leading cause of morbidity and mortality now a days. Chronic Kidney Disease (CKD) affects more than 850 million people worldwide and will become the fifth largest cause of years of life lost by 2040. This CKD epidemic has caused a major economic strain not only in developing countries but also in low-income and middle-income countries. Synthetic drugs for uric acid and other diseases are also one of the reasons. In some cases, the nephrotic syndrome, nephritis and auto-immune diseases are the cause.

No matter whatever is the cause, once the creatinine level goes beyond the limits, it becomes very difficult to bring it back in the range. There are however certain natural herbs and Ayurvedic remedies which have shown excellent results in lowering down the creatinine levels without causing elevation in the potassium levels or affecting the sugar levels. The herbs used together helps to improve the overall health and kidney functions.

Chronic Kidney Disease Due to Diabetes and How to Stop Kidney Failure Naturally?

Although people with type 2 diabetes are at greater risk of kidney disease but still the stage of arriving in kidney failure can be prevented by taking care of sugar levels. If the stage has already come and the patient is in chronic kidney disease phase, then there are certain Ayurvedic herbs which should be used along with whatever treatments are going on. It can be dialysis also. Controlling diabetes by lowering blood sugar, dieting & exercising are very important to keep sugar levels in control. Even blood pressure levels should be kept in control in natural ways rather than consuming pills.










Signs and Symptoms of Kidney Failure

Protein in Urine - In uncontrolled chronic diabetes, the most important sign is the leakage of large amount of proteins in the urine. Very large amounts of protein in their urine - a marker of kidney disease, which is evidence of moderately impaired kidney function or difficult to control hypertension.

One particular patient, a man in his mid-50s, had all of the above. At 30 ml/min, his glomerular filtration rate, or GFR-a

measure of kidney function-suggested he already had moderate to severe damage. He had a large amount of protein in his urine, poorly controlled hypertension, and poorly controlled blood sugar. After using Ayurvedic remedies for about 1 month, things improved dramatically. Similarly, there are many other success stories where patients were on regular twice weekly dialysis and their frequency of dialysis reduced to once in fortnight. We consider this also a big achievement. In many cases, the dialysis was avoided all together, after about 6 months to 1 year of treatment.

Symptoms of Chronic Kidney Disease

 Dry and itchy skin.	 Tiredness or weakness.	 Bubbly or foamy pee.
 Swelling of hands, feet, ankles.	 Puffy eyes.	 Trouble sleeping.
 Loss of appetite.	 Muscle cramps.	 Need to pee more often.

Three things you can do to prevent kidney failure:

If tests reveal a problem, your doctor will recommend ways to slow the decline in kidney function and prevent kidney failure, which include the following: -

- Controlling your blood sugar
- Controlling your blood pressure
- Taking blood pressure medicines

But according to Ayurveda, the most important thing is to change your diet from acidic to alkaline. Improve your breathing pattern.

Diseases like diabetes and blood pressure are leading cause of kidney failure. Nature has given us powerful herbal remedies which can be wonderful herbal care for chronic kidney failure patients. The herbal remedies offered by us are free from any chemicals and contain only natural ingredients without causing any side effects. These are 100 % vegetarian and natural products for kidney failure, which can be taken along with any treatment of modern medicine. These herbal remedies not only help to avoid dialysis but also aid to revive the kidney failure in a very smooth and natural way. The herbal remedies are best products for kidney care and useful to lower down increased urea and creatinine levels. These supplements are Mutrakrichantak Churna, Punamava Mandur, Varunadi vati and Rencure Formula.

How to Stop Dialysis Naturally?

The herbal products like Mutrakrichantak Churna contain herbs like Punamava (*Boerhavia diffusa*) and others which have

remarkable properties to reverse the kidney failure. "Puna" means "again" and "Nava" means "new". So, this herb helps to revive the kidneys. This is one of the best herbal remedy for kidney failure and an excellent alternative to prevent kidney failure naturally.

Herbal Remedy to stop Dialysis naturally by Ayurveda

The herbs like Punamava (*Boerhavia diffusa*), Varuna (*Crateva nurvala*), Gokhuru (*Tribulus terrestris*), Shigru (*Moringa oleifera*) & Apamarg (*Achyranthes aspera*) etc. are described in ancient Ayurveda texts - 5000 B.C old system of healing practised in India. These herbs are excellent to revive kidney failure and lower down swelling, reduce volume of accumulated fluid and thereby increasing the chances of revival of kidneys.

Ayurvedic Product **Mutrakrichantak** contains all these herbs. The kidney failure patients respond within 5-7 days of regular consumption of this herbal supplement. This is purely an herbal product containing no preservatives or chemicals.

Mutrakrichantak Churna

Mutrakrichantak Churna is a safe and effective combination of kidney supporting herbs used in Ayurveda since 5000 B.C. for painful urinary condition and in amputation. It is useful in kidney stones, urinary tract infections, high uric acid, high urea and creatinine levels. These herbs act together in a synergistic manner and are effective in urinary tract infections, ureteric stones, and painful micturition. This powder is also recommended in chronic kidney failure and in dialysis patients. This combination works as a best herbal combination to avoid dialysis due to kidney failure.

Ingredient of Mutrakrichantak Churna

Sl. No.	International Name	Common Name	Parts	Quantity (190 gm)
1	<i>Crateva nurvala</i>	Varun	Roots	30 gm
2	<i>Boerhavia diffusa</i>	Punamava	Roots	30 gm
3	<i>Tribulus terrestris</i>	Gokhuru	Whole	30 gm
4	<i>Chicorium intybus</i>	Kaasni	Leaves	30 gm
5	<i>Phyllanthus niruri</i>	Bhumi Amla	Whole	20 gm
6	<i>Albezzia lebbok</i>	Shirish	Bark	20 gm
7	<i>Moringa oleifera</i>	Shigru	Bark	20 gm
8	<i>Achyranthes aspera</i>	Apamarg	Fruits/Seeds	10 gm

Recommended Dosage: 1 Teaspoonful twice daily with water after meals. For best result Boil 1 Teaspoonful in 400ml water until it remains 50-60ml. Filter the preparation with a regular tea strainer and drink. You should use this once in morning 45min. after breakfast and similarly in evening 45min. after dinner. Prepare fresh every time as per this.

Uses

1. Kidney failure
2. Kidney Stones
3. Nephrotic Syndrome
4. Nephritis

5. Dialysis
6. Diabetic Nephropathy
7. Urethral Strictures,
8. Urinary Tract Infections
9. Acute or Chronic Renal Failure
10. Increased Urea and Creatinine

Mutrakrichantak herbal mixture is one of the best herbal remedies for kidney failure. It brings down urea and creatinine levels quickly. This makes it an excellent herbal product for kidney care and avoid dialysis. The various herbs in Kidney support are described in ancient texts and are very effective to regenerate kidney cells or failing nephrons. It helps in

normalizing the filter function of the kidney and make kidney support as one of the best herbal remedies for kidney care.

Herbal Remedies for Kidney Failure by Ayurveda

As per Ayurveda Kidney failure comes under “mutravaha srotas”. When there is some blockage in this srotas it can leads to Kidney failure. Ayurveda offers best combination of effective herbal remedies such as Revive Kidneys for Ayurvedic treatment of kidney failure. These herbal remedies are very helpful in avoiding kidney transplant and dialysis. Best quality herbs are used that strictly follow the principles of Ayurveda. All these herbal remedies of Planet Ayurveda are 100 percent pure, natural and vegetarian. These are safe to use as these are free from side effects.

Dosage

1. **Varunadi Vati** - 2 Tablets, thrice daily with warm water after meals.

2. **Mutrakrichantak Churna** - 1 Teaspoonful twice daily warm with water and for best result Boil 1 Teaspoonful in 400ml water until it remains 50-60ml. Filter the preparation with a regular tea strainer and drink. You should use this once in morning 45min. after breakfast and similarly in evening 45min. after dinner. Prepare fresh every time as per this.
3. **Rencure Formula** - 2 Capsules, twice daily with warm water after meals.
4. **Punarnava Mandur** - 2 Tablets, thrice daily with warm water after meals.
5. **Chandanadi Vati** - 2 Tablets, twice daily with warm water after meals.

All the products can be taken together, along with the ongoing dialysis and other medications.

of loading a diverse range of drugs prepared using different types of polymers and various manufacturing techniques. The use of nano-drug carriers can circumvent many limitations typically related to buccal drug delivery. Indeed, nanocarriers have many advantages such as enhanced diffusion coefficient of the drug through the mucosal epithelial layers, stability of the drug against degradation in buccal environment, prolonged contact time with the mucosa, extended buccal residence time by mucoadhesion, allowing for therapeutic concentration at the target site as well as decrease in the severity of the undesirable side effects. Moreover, nanocarriers may

minimize oral clearance, sustain or control the drug release, which decreases the frequency of administration and improves patient compliance. The composition of carrier as well as the entrapping agent determines the overall permeability, release rate, mucoadhesion to buccal epithelium and targeting ability. An ideal nanoparticulate carrier system must be capable of retaining close contact with the mucosa, thus allowing permeation enhancement of the actives without affecting the overall stability. Nanocarriers are generally formulated as aqueous dispersion or embedded within the matrix of the gel or film.

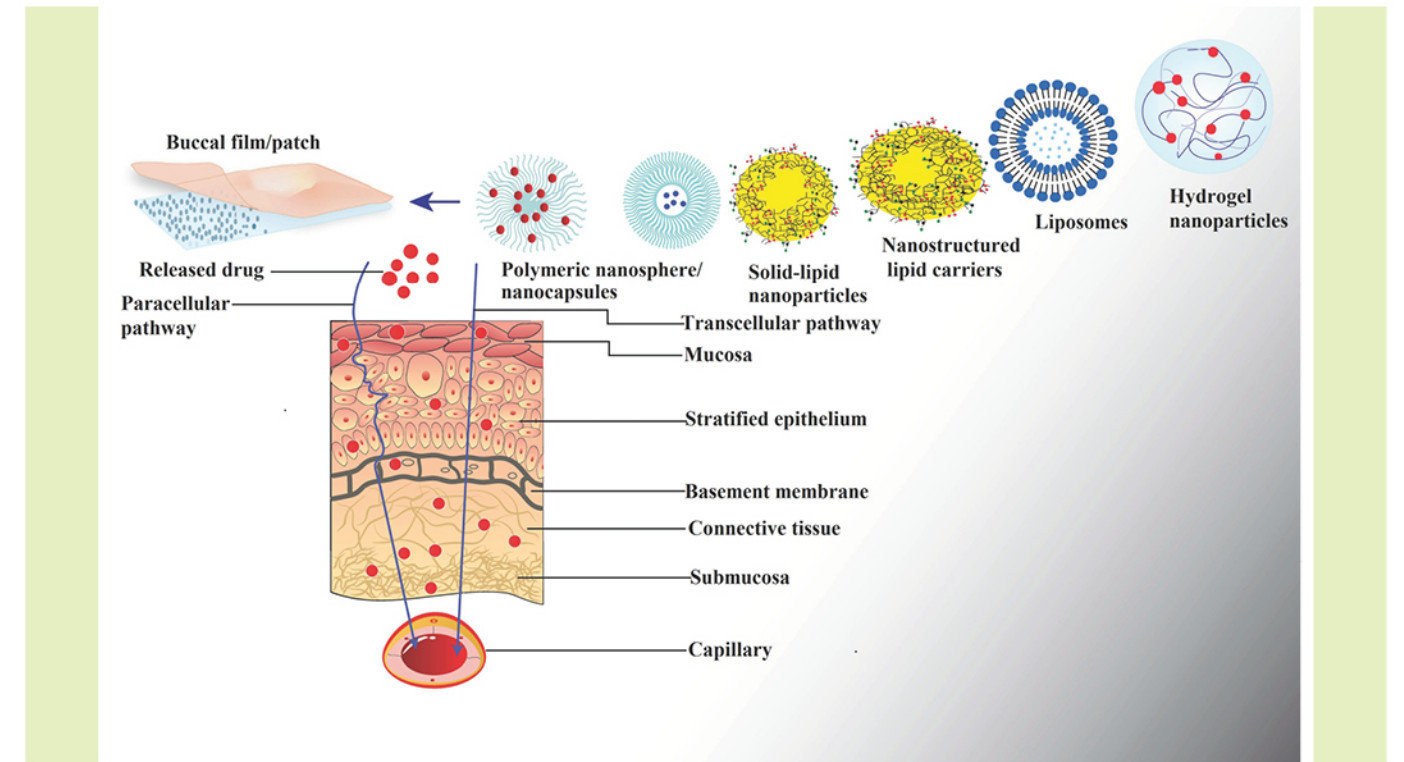


Fig: Transport process of diverse nanocarriers through the buccal epithelium

Applications

- It is feasible to create multilayer drug films, which is an emerging field with direct application. It is possible to mix two or more medications into one format, with the dissolving rates of the layers being the same or different.
- The formulation of the films allows for a range in the amount of time it takes for the medications to dissolve, from minutes to hours.
- Films function as gastro retentive dosage forms; their breakdown may be prompted by the pH or enzyme secretions of the gastro intestinal tract and may be utilised to treat problems of the gastro intestinal system.

Future Perspectives

The drug delivery of macromolecules through buccal mucosa is comparatively less investigated than other routes of administration. Solvent casting method is the most frequently

used method for dissolving/dispersing actives in biocompatible polymeric films. However, there is a growing interest in 3D printing techniques using HME, fused deposition modelling and inkjet method. Even though the stability and permeability of macromolecules apparently increased compared to oral formulations the main drawback associated with film dosage form is difficulty of achieving high payload within the limited surface area of these mucoadhesive systems. Encapsulating with high payload in nanoparticles and embedding them in mucoadhesive polymeric may resolve this issue to certain extent. Investigations are currently progressing in the field of nanoparticles enabled buccal film and various functionalization strategies to allow permeation through the buccal mucosa and systemic targeting.

Finding new functional excipients such as thiolated polymers with potential for permeation enhancement, exploring new pathways for buccal permeation such as ion-pair strategy, increasing the drug loading, 3D printing methods to incorporate multiple drug combinations and compartmentalization to

STUDENT



Sheba Shaji

Seventh Semester B. Pharm
Pushpagiri College of Pharmacy, Thiruvalla

EMERGING ROLE OF BUCCAL FILMS

Mucoadhesive films maintain strong adhesion with the mucosal membrane, spread over greater surface area, and thus cater accurate dosage, increase total drug absorption and therefore are well suited for local and systemic therapy. Biocompatible and biodegradable mucoadhesive films are most favoured dosage form for buccal application due to their versatility, adaptability, physical exibility, comfort, lightness, acceptability, ability to withstand mechanical stress, and adjustable size. They have shown enhanced patient compliance compared to bioadhesive tablets due to ease of administration, enhanced bioadhesion until the duration of absorption, resulted in commercial approval by US FDA for buprenorphine, fentanyl, naloxone and lidocaine buccal films. Additional advantage is ease of scale-up because of adaptability and practicability of the film manufacturing process such as solvent casting, fused deposition modelling, semisolid extrusion, inkjet printing based on 3D printing technologies. Such innovative techniques would likely decrease the preparation time as well as improve the mechanical characteristics of the films besides personalized manufacture of buccal film.



Functional Role of Nanoparticles in buccal films

Nanocarriers are effective drug transport agents due to the possession of submicron particle size and unique physicochemical properties which would enable them to deliver to targeted tissues. They are versatile particulate, soluble or target-specific recognition moiety carrier systems capable

separate incompatible drugs are other novel areas of future research and developments in trans-buccal delivery systems.

Conclusion

Buccal film is the most precise and palatable dose form since it avoids the hepatic first pass effect and exhibits high absorption. This is the most innovative and promising

technology that benefits people of all ages, especially children and the elderly as well as those who have trouble swallowing. Due to its advantages over conventional dosage forms and their low cost of production, buccal films can take the place of conventional dosage forms, including rapid disintegrating tablets. This technology offers a useful tool for maintaining the medicinal and financial worth of pharmaceuticals.

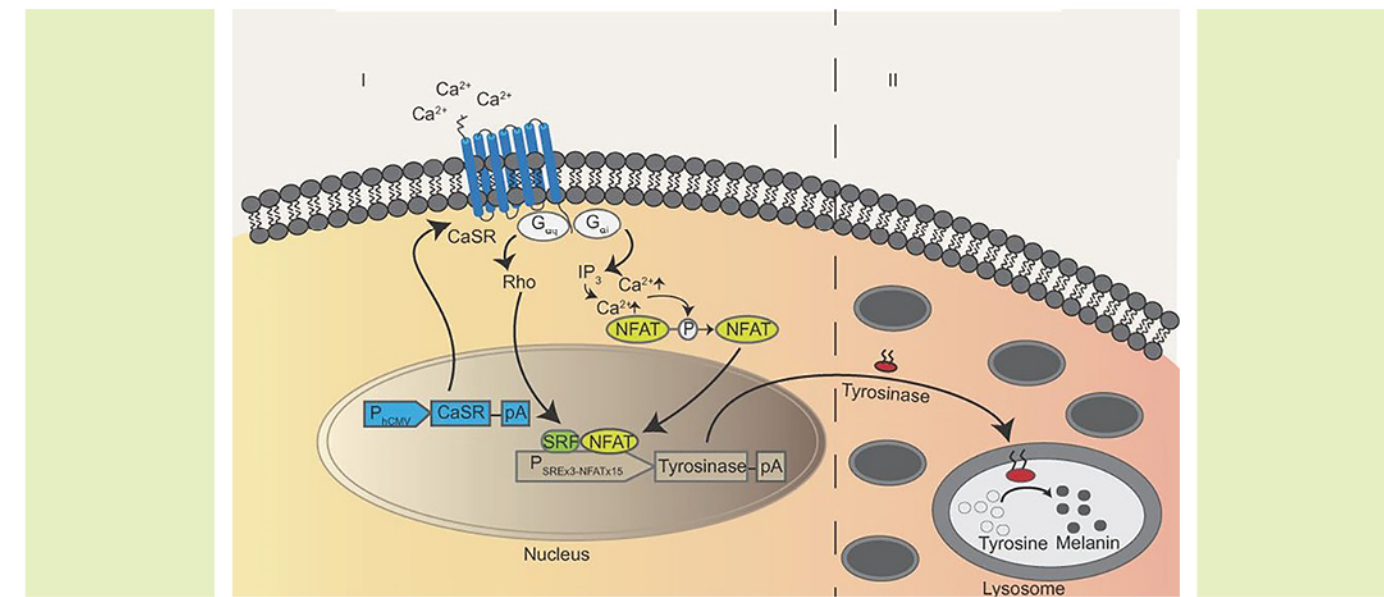


Fig: Molecular mechanism of pigment production by HEK Tattoo cells upon induction of hypercalcaemia

Detection of cancer induced hypercalcemia in nude mice

Hypercalcemia induced melanin production by HEK_{Tattoo} via a visible skin tattoo was detected by injecting nonencapsulated HEK_{Tattoo} cells into the flank of nude mice with mammary as well as colon adenocarcinoma cells or normocalcemic adenocarcinoma cells. The hypercalcemic adenocarcinoma

cells were produced by inoculation of 410.4 or colon 26 cells. Similarly, the normocalcemic adenocarcinoma cells were produced by inoculating 168 cell line; the negative control. Non encapsulated HEK-293 cells engineered for tyrosinase expression (pAT10, P_{hCMV}-Tyr-pA) injected into healthy nude mice and were used as a positive control.

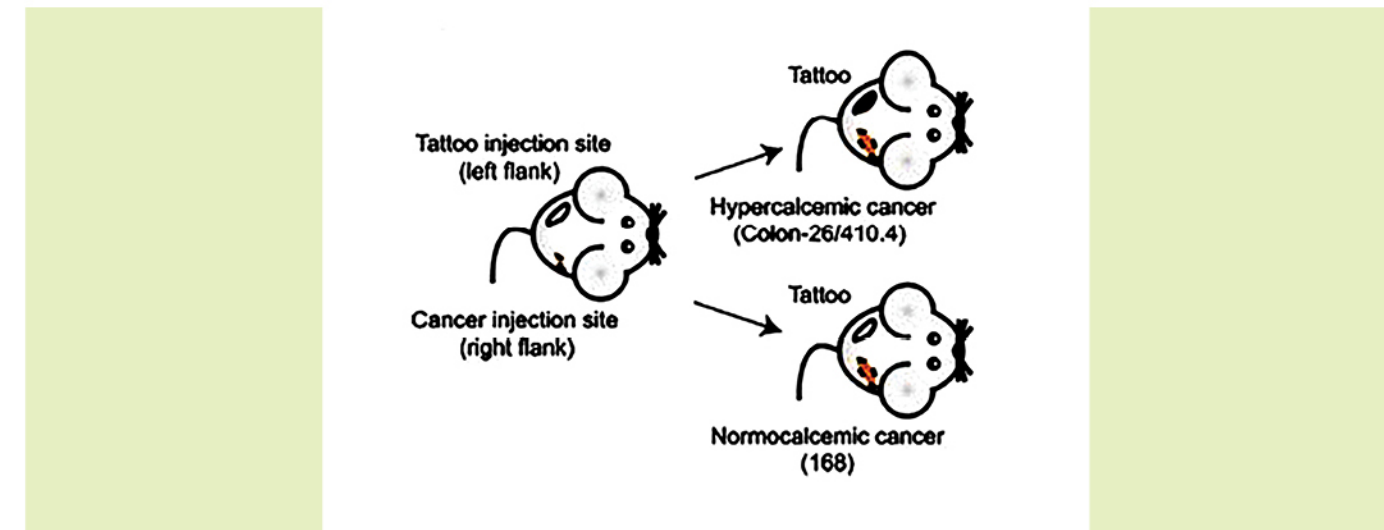


Fig: Schematic representation of nonencapsulated HEK Tattoo cells in nude mice injected with hypercalcemic and normocalcemic tumor cells

In vivo studies have shown that, hypercalcemia induced melanin production by HEK_{Tattoo} via a visible skin tattoo was detected by injecting nonencapsulated HEK_{Tattoo} cells into the flank of nude mice with mammary as well as colon adenocarcinoma cells and normocalcemic adenocarcinoma cells. For better stability, the implants were microencapsulated with alginate-PLL-alginate beads.

Conclusion

The aim of the biomedical tattoo is to detect asymptomatic

mild hypercalcemia associated with cancer. In mouse models inoculated with colon and breast cancer cell lines known to be associated with hypercalcemia, the biomedical tattoo reliably detected the development of cancer that was still at an asymptomatic stage. Such a system would have practical benefits, because diagnosis of asymptomatic cancer, although difficult, could increase treatment options and improve survival rates, particularly for individuals with known risk factors and patients who have undergone primary tumor treatment and require continuous monitoring to diagnose cancer recurrence or development of metastases.

ALUMNI

Rani K. Cherian

Alumni (2021-23 M Pharm batch)
Junior Toxicologist, CArE Keralam Ltd. Thrissur

BIOENGINEERED TATTOO: A PROMISING BIOMARKER FOR THE EARLY DETECTION OF CANCER

Introduction

Early detection increases the chance of survival and is essential for a successful therapy. Numerous types of cancer are diagnosed late, which diminishes the efficiency of treatment and the outlook is less promising. Some cancers show increased level of calcium in blood whereas, some type of cancers shows non-specific symptoms including anorexia, anxiety and weakness. Based on this concept, scientists developed a tattoo using engineered cells which acts as a biomarker for the early detection of cancer. These cells contain specific calcium sensing receptors (CaSR) that activates transgenic tyrosinase enzyme, which produces melanin in response to persistently elevated blood calcium. This melanin generated tattoo could be detected with the naked eye. CaSR is a natural calcium sensing receptor which detects mild to moderate hypercalcemia (5.6 – 10 mcg Ca²⁺/dL blood).

Hypercalcemia and Cancer

Hypercalcemia is a common complication of malignant disease that is of clinical importance because of its association with symptomatic deterioration and death. Hypercalcemia is associated with most widespread types of cancer namely: breast cancer, lung cancer, colon cancer and prostate cancer. Primary tumor cells metastases and attacks the immune cells that act on bone, kidney, and intestine which interrupts calcium homeostasis which increases blood calcium concentration. The researchers utilized the calcium sensing receptor (CaSR) which naturally functions with high sensitivity to increased levels of Ca²⁺ in the blood. Increased Ca²⁺ concentration activate CaSR to inhibit the secretion of parathyroid hormone. CaSR is capable of detecting mild to

moderate blood hypercalcemia, as defined by the study as 5.6 to 10mg/dL, which often goes unnoticed in the patient during very early stages of cancer growth.

Design and working of the biomedical tattoo

The HEK-293 cells are the suitable cell lines for detection of hypercalcemia. The tyrosinase expression vector is transfected with HEK-293 cell lines for efficient tyrosinase activity and optimization of melanin production. The tyrosinase activity exceeds in HEK-293 cells than all other cell lines. Quantitative analysis of pigment production by HEK_{Tattoo} under mild and moderate hypercalcemic conditions indicates that only persistent hypercalcemia for 12 hours (mild hypercalcemia) and 24 hours (moderate hypercalcemia) triggers melanin production. The engineered biomedical tattoo is insensitive to normal calcium fluctuations because the calcium homeostasis is retained within minutes. This is due to the interplay between calcitonin & PTH. To evaluate the dynamics of melanin production, the HEK_{Tattoo} cells are seeded with increasing concentration of calcium. The stability of HEK-Tattoo were determined by storing hypercalcemia induced melanin containing HEK-Tattoo pellets at room temperature for 6 months. The dark pigment remains stable for the entire period. The cell engineered tattoo consists of two main components: A hypercalcemic sensor that monitors increased blood Ca²⁺, a promoter for the expression of tyrosinase enzyme. Hypercalcemia activates CaSR which triggers NFAT (Nuclear Factor of Activated T cells) and SRE (Serum Response Element). This induces the synthetic calcium sensitive promoter (P_{ca}) in engineered cells which expresses human tyrosinase enzyme, the rate limiting enzyme in melanin synthesis.

IQAC INITIATIVES

NSS ACTIVITIES

BASIC LIFE SUPPORT (BLS) PROGRAMME

INTERNATIONAL WOMENS DAY

BLS course offered by American Heart Association, Kottayam was provided to Pharm. D Interns, Fifth & fourth Year Pharm D students on 6th, 8th & 9th April 2024 at Mar Theophilus Auditorium, Pushpagiri College of Pharmacy, Thiruvalla. Around 82 participants actively participated and updated their knowledge on Pediatric/ Adult BLS, with appropriate hands on skills.



The sessions were started at 9 .00am, in the college Auditorium with a Prayer followed by introductory session by Dr. Malini S, Vice Principal (Administration) & HOD, Department of Pharmacy Practice. Dr. Jeenu Joseph, Vice Principal (Academics) welcomed the resource person and the delegates. Mrs.

Alice Joseph, Dr. Jency Das (Physician, Thiruvalla Medical Mission), Mr. Jino Nian and Mr. Midhun were the instructors from IEMS. Mrs. Archana Vijai, Mrs. Julie Mariam Joshua, Mrs. Pheba Susan Thomas from Department of Pharmacy Practice were also present.



The BLS guidelines were provided to the students one week prior to the course. The guidelines highlighted a set of clinical interventions for the immediate emergency management of cardiac arrest, heart attack and other life threatening medical emergencies as well as knowledge and skills to apply those interventions. The guidelines were set into several groups of algorithms or instructions that are followed, and to increase its effectiveness. The major algorithm in the guidelines was the Cardiac Arrest Algorithm. During the course, the students got training in essential skills individually, as part of a team, and as team leader in different learning stations based on simulated clinical scenarios. The students learned the basics of resuscitation like chest compressions, adult and infant breaths, management of choking in adults and infants etc. Realistic simulations were focused on the following key concepts: proficiency in recognizing and initiating early

management of peri-arrest conditions, of choking and the supportive care, identifying and treating, recognizing other life-threatening clinical situations such as cardiac arrest and providing initial care, applying BLS algorithms and effective resuscitation team dynamics. At the end of the course, students appeared for a written test to evaluate the knowledge on clinical interventions for the emergency management of life threatening conditions.

Only those students who passed the written test were required to participate in a Mega code testing station which evaluated the achievement of the course objectives by the student. The students who successfully completed the course were provided with American Heart Association Basic Life Support certification card. The three day workshop ended on 9th April 2024 at 4.30 pm.

To honor womanhood, Department of Pharmacy Practice in association with IQAC & NSS has organized International women's day celebrations on 11.03.2024 at 2.00 pm in the college auditorium. This year's theme of 'Inspire Inclusion' underscores the crucial role of inclusion in achieving gender equality and encourages everyone to recognize the unique perspectives and contributions of women. The programme started with seeking almighty's blessings through prayer

song followed by the welcome address by Mrs. Rani Manju, Associate Professor, Dept. of Pharmacy Practice. Celebration started with lamp lightning ceremony by the Principal-Prof. Dr. Santhosh M. Mathews, Vice Principals, Pharm D, B Pharm & M. Pharm girl representatives. The gathering was extended a gracious welcome with a graceful dance by the fifth Pharm D students showcasing women empowerment.



Our land of Bharat is known for its celebration of bright and colorful costumes that vary according to the different geographical and cultural traditions of the region. In connection with women's day, the traditional dress competition "Flavours of India" is organized to showcase traditional and tribal outfits from different states of India. Overall, there were 15 students representing different states whose talent and dedication made this event a grant success. The effort and the hard work of students were highly commendable. To strengthen the critical thinking of the students, "Famous face fiesta", a Puzzle competition of a famous Indian women was also organized. Around 8 teams were participated and the allotted time was 15 minutes. Following the competitions, a video presentation of famous Indian women and their remarkable achievements were presented. In relation with this celebration, faculties who won prizes for oral presentations at various national and international conferences outside Kerala were honored ("Women Laurels") and the prizes were distributed for the winners of elocution competition conducted in connection with 'National Pharmacy Education day' and women's day celebration 2024. The programme was concluded with the National Anthem. The celebration was a grant success by the combined effort of all the members in the Department of Pharmacy Practice, with strong support from Prof. Dr. Santhosh M. Mathews, Principal, Pushpagiri College of Pharmacy Thiruvalla.



WORLD CANCER DAY



The Department of Pharmaceutical Chemistry in association with NSS unit of Pushpagiri College of Pharmacy organized World Cancer Day -2024 on 07/02/2024 at 3.00pm at Mar Theophilus Annexe Auditorium. Dr. Abhijith Karma, Chief Medical Officer, Atma Wellness Center was the resource person for the function. The programme commenced at

3.00pm with a prayer song by college choir followed by welcome speech by Mrs. Mincy Mathew, Associate Professor, Dept. of Pharmaceutical Chemistry. It was followed by speaker introduction by Mrs Anju. V, convener of the programme and Associate Professor in the Dept. of Pharmaceutical Chemistry. The scientific session on cancer awareness and prevention methods was taken by the resource person and he promoted the need of balanced diet and healthy body for the future generations. The resource person is honoured with a memento as a token of our gratitude. A poster making competition was also conducted in association with Cancer Day on the theme "Cancer Awareness". Students actively participated in the poster making competition and the best three posters were selected and awarded with cash prize. First Prize for poster making competition goes to Sneha Ann-3rd semester B Pharm student, second prize to Kevin. T. Chacko-4th year Pharm D student and third prize to Anna Merin Roy-1st semester B Pharm student. The programme came to an end by the vote of thanks by Mrs Saira Susan Varghese, Assistant Professor, Dept. of Pharmaceutical Chemistry followed by National anthem.

NSS SPECIAL CAMP

The National Service Scheme (NSS) unit of Pushpagiri College of Pharmacy organized 7 days special camp from 23/02/2024 to 29/02/2024. The first day of NSS Special camp commenced with an inaugural function followed by ashmob by NSS volunteers revealing the NSS Special camp banner. The chief guest of the function was Dr Ajithsen C.R, NSS

Co-ordinator, IHRD cell and Associate Professor, College of Engineering, Chengannur. The orientation session was led by the chief guest. The history, duties and activities of an NSS volunteer and transformation from NSS volunteer to NSS leader was the motto of his session.



The second day of the camp was organized at St. Thomas H.S.S, Thirumoolapuram. Mr.Biju Mavelikkara, Infotainment Social Facilitator led the session. The theme of the session was "Wake, Rise and Unite". The session aimed to motivate the volunteers physically, mentally and socially.

The 3rd day of the camp started with a yoga class followed by a health survey in the adopted village chosen by the college. The volunteers explained the importance of taking medications at the right time, right dose and the precautions they should take while missing a dose etc. A seminar on stress relief in day-to-day life was organized for the students on the fourth day of camp. The seminar gave light into a stress-free life for a sound body and mind. An awareness class was taken by the NSS volunteers Mrs Akhila Varma and Mr. Noel John to the students of St. Thomas school on 'Drugs usage, its overuse and deficiencies associated with life style'. The students also performed a skit showing the importance of avoiding drugs in daily life. An awareness session on 'Drug abuse and illicit trafficking' were led by Mr Vijaylal, Consultant Psychologist, Psychology Department of Pushpagiri Medical College Hospital and Dr. Derrick Johnson, Senior Resident, Department of psychiatry, Pushpagiri Medical College Hospital was organized on the fifth day. They have discussed various problems and incidents related to use of drugs and cases came across their professional life relating drug abuse and their reasons and how to overcome the ill effects of drugs. The camp activities in the school campus ended on 27/02/2024 and as a token of our gratitude towards the school management and principal, the volunteers collected an amount and presented to the principal for the construction of Seewage treatment plant as a helping hand. The principal made a vote of thanks and the camp activities were evaluated. The sixth day of the camp commenced with a visit to "Abhayabhavan" oldage home near Muthoor. The students have arranged an offering box and collected the daily necessary requirements needed for the



oldage home. The collected items were packed and gifted to old age home. The amount collected from craft activities and fund collected from staff members of the college were also donated. The final day of the camp was constituted in the college campus on 29/02/2024. Students utilized the day for the medicinal garden preparation in the college in association with Nature club. It was followed by the valedictory function.

The camp activities were evaluated and the student volunteers were provided with certificates and gifts. The NSS newsletter was officially unveiled by Director-Pushpagiri Institutions, Rev Fr Aby Vadakkumthala and handed over to Principal, Prof. Dr. Santhosh M. Mathews. The function ended with a vote of thanks by Mrs. Anju A. Varghese-NSS staff member followed by NSS anthem.

NATIONAL PHARMACY EDUCATION DAY



The Pharmacy Council of India has decided to recognize the contribution of Prof. Mahadeva Lal Schroff who is a Father of Pharmacy Education in India by declaring his 'Birth Anniversary' as National Pharmacy Education Day on 6th March, 2024. Pushpagiri College of Pharmacy in association with Department of Pharmaceutics, IQAC & NSS has organized National Pharmacy Education Day on 06th March 2024 at 3.00pm. An elocution competition is conducted on the topic 'Pharmacy Education in India: Its perspectives'

among different batches of the college. Around 11 students were participated with great enthusiasm and five of them shared first, second and third prizes. Their participation was a motivation and encouragement for all the students who stood with fervour to speak out their voice in this event. The Elocution contest concluded with a motivation speech by the Principal, Prof. Dr. Santhosh M. Mathews and encouraged all students to step forward in such events in the future.

WORLD HERITAGE DAY

World Heritage Day, also known as International Day for Monuments and Sites (IDMS), is celebrated annually on April 18 to honour and preserve our heritage. The official theme for World Heritage Day 2024 is "Discover and experience diversity". Pushpagiri College of Pharmacy commemorated the day by organizing a visit to the museums (Revi Karunakaran Memorial Museum & International Coir Museum) at Alappuzha. Department of Pharmacology in association with NSS Unit arranged the visit. 22 students of Pharm D II year participated in this event. The journey started from college close to 9:30 AM. By around 10:45 AM we reached The International Coir Museum located at Kalavoor in Alappuzha district, the hub of coir industry in Kerala. The museum showcases the journey of coir from its initial uses as a daily utility product to the diversified uses that it has today. The museum works on the theme 'coir beautiful' and exhibits

various details about the process and extraction of coir fibre to the mechanization of the sector. The museum also houses a souvenir shop where visitors can have a glimpse of various products and can have the joy of shopping a wide range of coir handicrafts, coir doormats, coir ornaments etc. We reached Revi Karunakaran Memorial Museum approximately by 11:30 am. It is a privately owned museum located at Alappuzha, Kerala, India that displays decorative art and artifacts, including a large private collection of Swarovski crystals in the world along with porcelain, jade, ivory, Kerala artifacts, furniture, and Tanjore paintings. The museum is noted for its architectural characteristics such as the frontal Greco-Roman columns and occupies an area of 28,000 sq ft. A unique feature of the museum is that visitors can see and experience the four major religions of India (Hinduism, Islam, Buddhism and Christianity) that are represented with equal prominence



across the murals, ivory collection, Kerala room and other items on display. By around 3:45 PM we reached college. It was a worthwhile experience for all and the students got a

realization that Heritage is a valuable resource that should be protected and conserved. It is our legacy from the past, what we live with today, and what we pass on to future generations.

WORLD MALARIA DAY



As a part of the World Malaria Day celebrations, an awareness program was organized by the N.S.S Unit in association with the Pharmacy Practice Department of Pushpagiri College of Pharmacy on 25th of April 2024 at 10.00am.

The program was conducted by Third and Final year Pharm D students of the college. The program was conducted in outpatient waiting area of the General Medicine department. The students started by giving an introduction on the importance of prevention of malaria. Later they approached everyone with leaflets and explained more about the disease and emphasized on the control and prevention. They also informed the significance of treating at the initial stage which was brought about by emphasizing on the characteristic signs and symptoms of this disease. Almost 70 people were provided with leaflets and educated. The students concluded the program by saying a word of thanks to each and every one who cooperated for the smooth functioning of the event.

MOTHER'S DAY

Pushpagiri college of Pharmacy in association with NSS unit organized Mother's Day celebrations on 12th May 2024. Every year, the second Sunday was celebrated as the Mother's day, which is a special day dedicated to mothers and their motherhood. It is a day to express gratitude and respect to mothers and to celebrate the impact of motherhood on individuals, families and societies. We have organized a mobile photography contest among the student volunteers on the special day related to theme "Motherhood". Students actively participated in the contest following the rules and regulations and contributed the best depiction that showed gratitude and love. The best photographs were selected and awarded and the first prize was secured by Ms. Aleena Rachel, 3rd semester B Pharm, second prize secured by Noufiya Nazarudeen, 5th semester B Pharm and third prize secured by Thasni.S of 8th semester B Pharm.



WORLD NO TOBACCO DAY



On June 3rd 2024, World No Tobacco Day was Organized by Department of Pharmacology in association with NSS Unit. This day mainly focused on increasing awareness about the ill effects of Tobacco Usage in the present scenario among society. As a part of it a face painting competition was organized and it was started by 11.30 am and was held in Mar. Theophilos Annexe Auditorium. The theme for the competition was the importance of "Quitting tobacco

for a better future". Around six groups participated in the competition. The participants presented the importance of the theme and it was quite impressive and informative. Among the participants Binisha Mariya Varghese & Anaswara M Ramesh of Fifth Semester B. Pharm secured the First Prize. Daveena Mathukutty and Aleesha Mariyam Roy of Fifth Semester B. Pharm and Sona Rachel and Betsy Elsa of Third Pharm D secured the Second and Third prize respectively.

INTERNATIONAL YOGA DAY



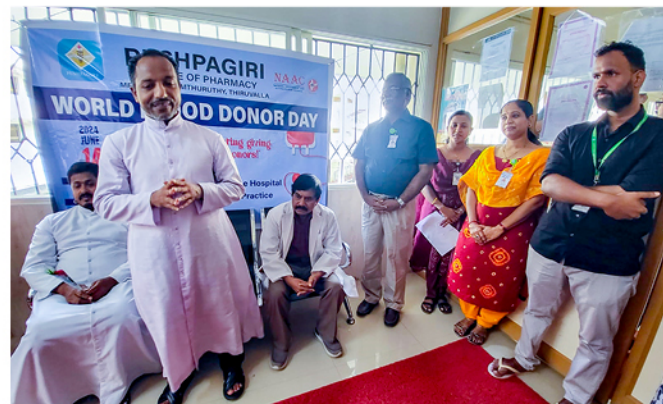
International Yoga Day –2024 was organized by Department of Pharmaceutics in association with NSS Unit and IQAC on 21st June 2024. The Theme of this year Yoga Day is "Yoga for Women Empowerment". The Yoga Day programme commenced at 7.30 am with a yoga session to students by 'Pytric School of Yoga' to rejuvenate their mind and body. It was a one-hour yoga training session. Around 20 students participated in the session. The venue of the session was Foyer courtyard, Pushpagiri college of Dental sciences. A poster making competition was conducted as a part of yoga

day based on the theme "Yoga for Women empowerment". The best three posters were selected and cash awards were distributed to the winners. The first prize is secured by Ms. Anna Merin Roy of 2nd semester B Pharm and second prize is secured by Ms. Sreelakshmi S of 2nd semester B Pharm and the Third prize is secured by Ms. Betsy Elsa Biju of 3rd year Pharm D. The practice of yoga brings joy, health and peace from within and deepens the sense of connection between an individual's inner consciousness and external world.

WORLD BLOOD DONOR DAY



World Blood Donor Day is observed on June 14 every year. This global event aims to raise awareness about the importance of blood donation and the need for safe blood and blood products during emergencies. This year World Blood Donor Day marks its 20th anniversary. Therefore, this year's theme is '20 years of celebrating giving: thank you blood donors! This year's campaign aims to recognize voluntary blood donors who have helped save million lives around the world. Blood Donation Camp was organized by the Department of Pharmacy Practice in association with NSS Unit and IQAC at Pushpagiri Medical College Hospital on the occasion of World Blood Donor Day celebrated on 14/06/2024. Pushpagiri Medical College Hospital Administrator, Rev. Fr. Mathew Thundiylil officially inaugurated the camp. Dr. Sasidaran, HOD, Immuno Haematology and Blood Transfusion Medicine has



given the keynote address. He briefly explained about who all could donate blood, what essential points need to be kept in mind before donating blood. He also explained about the components of blood and how one unit can save several lives. He motivated everyone to come forward and be a "DONOR". The felicitation address was given by Fr. Aby Vadakkumthala, Director institutions. As a token of gratitude, Dr. Sasidaran was honoured with a memento. Around 20 students voluntarily donated the blood. Pushpagiri Medical College Medical director, Dr Abraham Varghese honoured Joy Alukkas group for their contributions to the blood donation camps. Mrs. Merin T. Koshy, Assistant Professor, Dept. of Pharmacy Practice expressed her gratitude towards Pushpagiri Medical College Hospital blood bank unit for their support and all others for their presence during the programme.

INTERNATIONAL DAY AGAINST DRUG ABUSE AND ILLICIT TRAFFICKING



On June 26th 2024, the 'International Day against Drug Abuse and Illicit Trafficking' was organized by Department of Pharmacology in association with NSS Unit and IQAC. The World Drug Day or the International Day against Drug Abuse and Illicit Trafficking is marked on 26th June every

year to strengthen action and cooperation in achieving a world free of drug abuse. The campaign was to recognize that effective drug policies must be rooted in science, research, full respect for human rights, compassion, and a deep understanding of the social, economic, and health implications of drug use. The theme of this year was "The Evidence is clear: Invest in Prevention". As part of this, a Reels Competition was organized by the department. Around four groups of students participated in the competition. The participants evidently presented the importance of the theme and it was quite impressive to make an awareness in our society. Among the participants the first prize was shared between the Binoy Varghese & Team and Ashbin Siby & Team of Second Semester B Pharm. Carrel Tom & Team of Sixth Year Pharm D secured the

Second prize. The prize-winning reels were then shared in the social media groups and communities within our institution on 26th June 2024, to create an awareness against drug abuse and illicit trafficking in our society.

NATURE CLUB ACTIVITIES

WORLD ENVIRONMENT DAY



On 5th June 2024, World Environment Day was organised by the Department of Pharmacognosy in association with nature club and IQAC. World Environment Day 2024 focused on 'Land restoration, halting desertification and building drought resilience' under the slogan Our Land. Our future. We are generation restoration. In order to evoke awareness among our students, a poster painting competition was organised and it was started by 12:30 p.m. at Mar Theophilus Annex

Auditorium. The participants presented posters showcasing the potential of ecosystem restoration and it was quite impressive and informative. Among the participants, Ms. Sreelakshmi C.B of 8th semester B Pharm secured the first prize. Sneha Ann Sam of 3rd semester B Pharm and Ayesha Bint Negim of first year Pharm D bagged the second and third prize respectively.

WORLD WATER DAY

World Water Day 2024 was organized by Department of Pharmacognosy in association with Nature Club and NSS in Pushpagiri college of Pharmacy on March 22nd, at 2.00 pm and was held in Mar Theophilus Annex Auditorium. The programme was commenced with a prayer song by the college choir. It was followed by the welcome speech given by Dr. Jeenu Joseph, Professor, Department of Pharmacognosy about the importance of water. Respected dignitaries Rev. Fr. Aby Vadakkumthala, Director Pushpagiri Institutions, Principal Prof. Dr. Santhosh M. Mathews, other Professors of various departments, teaching, non-teaching staffs and students were present on the occasion. World Water Day 2024 was celebrated to emphasis the importance to conserve water followed by a meaningful Mime performed by Third year Pharm. D. students. The programme was ended up with the vote of thanks delivered by Ms. Anju A Varghese. The programme was a motivating and informative one for the students and to the gatherings. The students and staffs were enthusiastic in their participation and gave special attention.



DYUTHI STUDENTS' UNION ACTIVITIES

ALL KERALA INTERPHARMACY SPORTS TOURNAMENT 'REVERA 2024'

On 19th January 2024, All Kerala Interpharmacy Sports Tournament-REVERA 2024 was conducted at the Pushpagiri Medicity Ground organized by Dyuthi Students Union 2023-24. The events held were Football, Volleyball and Throwball tournaments. The Inaugural Ceremony was conducted at the

Pushpagiri Medicity Ground and inaugurated by Rev. Fr. Aby Vadakkumthala (Director-institutions). Flashmob as well as Trophy Revealing Ceremony were also conducted during the Inaugural Ceremony.



For Football tournament, a total of 11 teams participated from various colleges across Kerala which includes Nazareth College of Pharmacy, Al Shifa College of Pharmacy, Malik Dinar College of Pharmacy, Chemist College of Pharmacy, Hindustan College of Pharmacy, Government College of Pharmacy Alappuzha, K.T.N College of Pharmacy, Nirmala

College of Pharmacy, Crescent College of Pharmacy, Kottayam Government College of Pharmacy and Pushpagiri College of Pharmacy. The Winners for the tournament was K.T.N College of pharmacy from Ottapalam, Palakkad and Runners Up was Crescent College of Pharmacy, Kannur.



For Volleyball tournament, a total of 4 teams participated from 3 colleges which includes Nirmala College of Pharmacy, Government Alappuzha College of Pharmacy and Pushpagiri College of Pharmacy, of which there were two teams from the host College. The Winner for the tournament was Pushpagiri College of Pharmacy and Runners Up was Government College of Pharmacy, Alappuzha.



For the Throwball tournament, 2 teams participated which includes Kottayam Government College of Pharmacy and Pushpagiri College of Pharmacy. The Winner for the tournament was Pushpagiri College of Pharmacy and Runners Up was Government College of Pharmacy, Kottayam. The honorary awards were awarded to the students.

'HORIZON 2024'-ARTS FEST

Arts Fest-'Horizon 2024', held at Pushpagiri College of Pharmacy was a spectacular celebration of creativity, talent, and cultural diversity. The arts fest was commenced with a Logo Revealing Ceremony on March 1st, which took place in the central garden at 3:00 PM. The ceremony commenced with an energetic ash mob performance by the 3rd Pharm D students, captivating the audience and setting the stage for the festivities. The official logo of Arts Fest Horizon 2024 was unveiled by esteemed guests Rev. Fr. Aby Vadakkumthala (Director-Institutions), Prof. Dr. Santhosh M. Mathews (Principal, Pushpagiri College of Pharmacy), and Rev Fr. Antony Chethipuzha, Spiritual Director. The ceremony culminated with the launch of the Horizon 2024 promotional video, offering a glimpse into the exciting events planned for the festival.

On March 12th, the Oath Taking Ceremony was held at the College Auditorium at 1:30 PM. Representatives from the four houses - PCP Royals, PCP Challengers, PCP Tuskers, and PCP Warriors - along with Dyuthi Students Union Members were welcomed onto the stage. The off-stage events started from March 12 and ended up on March 20.



The grand Inaugural Ceremony of Horizon 2024 took place on March 22, at the College Auditorium and was inaugurated by Rev. Dr. Biju Varghese (CEO, Pushpagiri Group of Institutions). Various on-stage events were held and Horizon 2024 was a resounding success, showcasing the incredible talents and creativity of the students. PCP Warriors bagged the overall championship trophy and the first runner up trophy was awarded to PCP Royals. The best-Off Stage Performer was awarded to Ms. Sreelakshmi C. B (8th Semester B Pharm). Mr. Horizon trophy was presented to Mr. Sreehari.P. N (5th Semester B Pharm) and Ms Horizon title was shared between Ms. Nisha Ann Varghese (5th Pharm D) and Ms. Binta Elsa John (4th Pharm D). Through a diverse range of events, the Arts fest Horizon 2024 celebrated the rich cultural heritage and artistic talents of the participants, leaving a lasting impact and a memorable experience for all.



'INVICTA 24'-SPORTS MEET

The Sports Meet – INVICTA'24 held from May 25 to May 31, 2024 was a magnificent celebration of sportsmanship and athleticism. A wide variety of both indoor and outdoor sports were on display during the event, giving participants of the four houses a chance to compete at different levels and show off their skills.

On May 25, a spectacular display of Indoor games marked the beginning of the Sports Meet. It was conducted in the library. The students participated in games including chess and carroms. Excitement was in the air as competitors showed off their dexterity and strategic acumen. The competitive spirit among competitors was ignited by the indoor activities, which established a good tone for the remainder of the event.

The outdoor events were conducted from May 28 to May 31, where players displayed their skills in a range of sports. The



vast fields and arenas served as the sites of intense games and thrilling competitions. Badminton, Football, Throwball, Volleyball, Dodgeball, Shotput and Cricket were held outside.



The Overall Champions of INVICTA'24 was PCP Warriors and Runners Up were PCP Challengers. The Sports Meet 2024 was a huge success and perfectly captured the values of friendship and sportsmanship. It demonstrated the skill, commitment, and enthusiasm of athletes from various backgrounds, from the exciting indoor games on May 25 to the action-packed outdoor events from May 28 to May 31. As the occasion drew to an end, attendees took with them treasured memories, new connections, and a revitalized dedication to pursuing sports greatness. Men's Individual champion was Mr. Abhidev Jayaraj and Women's individual champion was Ms. Priyanka Mary Priyan.

'EKTARA 2024'-COLLEGE DAY

The vibrant spirit of Dyuthi Students Union reverberated through the halls of Mar Theophilus Auditorium on June 6th, 2024, as they hosted "Ektara 2024", an event pulsating with energy and enthusiasm. The occasion was graced by a line-up of distinguished personalities and the Inaugural address was delivered by Rev Fr Aby Vadakkumthala, the esteemed Director of Pushpagiri Institutions. His words resonated with the audience, emphasizing the importance of education and community engagement. Mr. Pavi K. Rajesh, General Secretary, presented a comprehensive report highlighting the union's activities and accomplishments. Rev. Dr.





Antony Chethipuzha, Spiritual Director officially released the eighth volume and second issue of college news bulletin 'PHARMA ECHO' and handed over the first copy to Rev. Fr. Aby Vadakumthala, Director-Institutions. The event also celebrated the talent and prowess of the students, with prizes awarded for both arts and sports. The festivities continued on June 7th with cultural programs featuring various Pharm. D and



B. Pharm batches, adding a colorful and vibrant dimension to the event. The evening was further elevated by the soul-stirring performance of Olam Band, captivating the audience with their musical prowess. "Ektara 2024" was not merely an event but a celebration of talent, unity, and the indomitable spirit by Dyuthi Students Union, leaving an indelible mark on all who attended.

'NYABHAGAM 19'- B. PHARM FAREWELL

Pushpagiri College of Pharmacy organized the farewell ceremony of 2019-2023 B.Pharm batch on 7th June 2024 at Mar Theophilus Auditorium at 9.30 am. The celebrations started with the academic procession. The dignitaries adorned the dais and the function started with the prayer song by college choir. Dr. Jeenu Josphe, Vice-Principal Academics welcomed all the dignitaries, parents, faculty and students with a compendious speech and bouquets. The Presidential address was proposed by Principal Prof. Dr. Santhosh M. Mathews and he congratulated all the students, wishing them a happy, healthy and successful life ahead with a bright career. Rev. Fr. Aby Vadakkumthala, Director-Institutions, officially inaugurated the ceremony. He conveyed blessings to all the students and encourage them to stay true to their values and to make meaningful contributions to society. On this occasion, the spiritual director, Rev. Fr. Dr. Antony Chethipuzha and Director-Institutions, Rev. Fr. Aby Vadakumthala distributed the certificates to the students of the outgoing batch, an event that marks a significant milestone in their academic journey. The best outgoing student of 2019-2023 B.Pharm batch was declared by the Principal and Mr. Robin Roy was honoured with the memento and cash prize. Felicitation address for the function was given by Mr. John Rajan, Chairman, Dyuthi Students Union. Representing students, Mr. Robin Roy and Ms. Ragadh Maryam Saif addressed the gathering with a speech of gratitude. They shared their memorable moments and expressed joyful gratitude to all the faculties and the management in molding them as professionals in the course of study. As a token of heartfelt gratitude and appreciation for the remarkable teachers who have significantly impacted their lives, Mr. Kevin Stanley and Ms. Aleena Jossy presented a token of love to all the faculties. Finally, the ceremony was concluded with a vote of thanks by Mrs. Deepthi Mathew, Associate Professor and ceremony officially ended at 11.45am.



STAFF & STUDENTS PARTICIPATION IN NATIONAL & INTERNATIONAL CONFERENCES



PHARMACIA 24-INTERNATIONAL CONFERENCE HELD AT SREE KRISHNA COLLEGE OF PHARMACY, TRIVANDRUM



NATIONAL CONFERENCE ON HEALTH ECONOMICS AND OUTCOME RESEARCH HELD AT NITTE, MANGLORE



HINCON 2024-INTERNATIONAL SEMINAR HELD AT HINDUSTAN COLLEGE OF PHARMACY, KOTTAYAM



PHARMACOMPETENCIA-NATIONAL CONFERENCE HELD AT DR. JOSEPH MARTHOMA INSTITUTE OF PHARMACEUTICAL SCIENCES & RESEARCH, KATTANAM



BIORADIANCE 2024-INTERNATIONAL CONFERENCE HELD AT PUSHPAGIRI MEDICAL COLLEGE HOSPITAL, THIRUVALLA

CAREER GUIDANCE PROGRAMMES

EVENTS @ PCP



CAREER GUIDANCE SEMINAR BY ACADEMICALLY, GLOBAL HEALTH CARE ACADEMY



CAREER GUIDANCE SEMINAR ON 'OVERSEAS EDUCATION & POSSIBILITIES' BY SANTAMONICA STUDY ABROAD PVT. LTD



CAREER GUIDANCE PROGRAME BY PHARMA INTERNATIONAL INSTITUTE



FAREWELL TO REV. FR. JOSE KALLUMALICKAL (CEO, PUSHPAGIRI GROUP OF INSTITUTIONS) & REV. FR. VARGHESE MANALEL (SPIRITUAL DIRECTOR, MEDICITY CAMPUS)



'KAITHANGU' CHARITY PROJECT FOR CANCER PATIENTS



WELCOMING CEREMONY OF REV. DR. BIJU VARGHESE, NEW CEO-PUSHPAGIRI GROUP OF INSTITUTIONS

EVENTS @ PCP

EVENTS @ PCP



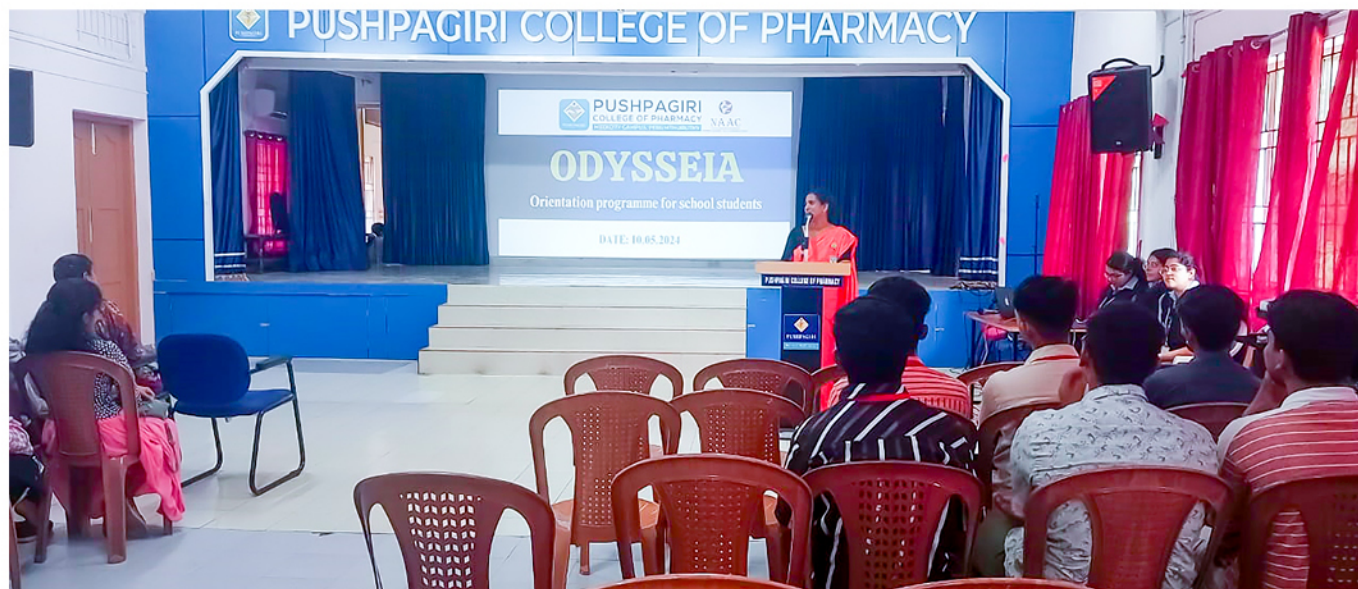
RELEASE OF EIGHTH VOLUME, SECOND ISSUE OF COLLEGE NEWS BULLETIN 'PHARMA ECHO'



FEAST DAY OF REV. DR. ANTONY CHETHIPUZHA (SPIRITUAL DIRECTOR, MEDICITY CAMPUS)



TOUR PROGRAMME OF 2019-2023 B PHARM BATCH



ODYSSEIA- ORIENTATION PROGRAMME FOR SCHOOL STUDENTS



STUDENTS PARTICIPATION IN THIRUVALLA ARCHDIOCESE DAY CELEBRATIONS

EVENTS @ PCP



COLLEGE STUDENTS UNION ELECTION 2024

STAFF WELFARE CELEBRATIONS



PROUD MOMENTS

PHD AWARDED



Mrs. Anjana M. N.

Mrs. Anjana M.N, Associate Professor, Department of Pharmaceutics has been awarded Doctor of Philosophy (PhD) in Pharmacy from Vinayaka Mission University on May 2024.

ORAL PRESENTATION AWARD



Mrs. Julie Mariam Joshua

Mrs. Julie Mariam Joshua, Assistant Professor, Department of Pharmacy Practice, has secured first prize in oral presentation in the National Conference on 'Health Economics and Outcomes Research - 2024' held at NGSM Institute of Pharmaceutical Sciences, Mangaluru.



Mrs. Rani Manju

Mrs. Rani Manju, Associate Professor, Department of Pharmacy Practice, has secured second prize in oral presentation in One Day International Conference 'Pharmacia 24' held at Sree Krishna College of Pharmacy and Research Centre, Thiruvananthapuram.

INTRODUCING NEW FACULTY



Mrs. Teenu Anne Tony

Mrs. Teenu Anne Tony, Assistant Professor, Department of Pharmaceutics joined in Pushpagiri College of Pharmacy on 2nd March 2024. She has completed her Masters in Pharmaceutics from KMCH College of Pharmacy, Coimbatore in 2014 and Bachelor of Pharmacy from Pushpagiri College of Pharmacy in 2011.



PUSHPAGIRI COLLEGE OF PHARMACY

Medicity, Perumthuruthy, Thiruvalla - 689 107, Kerala.

Ph : 0469-2645450 / 7902260905, 9946546517 (Principal), E-mail : pharmacycollege@pushpagiri.in, www.pushpagiri.in

**Approved by Govt. of Kerala, Pharmacy Council of India and
affiliated to Kerala University of Health Sciences (KUHS)
Accredited by National Assessment and Accreditation Council (NAAC)**



COURSES OFFERED

**B PHARM, PHARM D
PHARM D (PB)
M PHARM (PHARMACY PRACTICE)**

OUR SPECIALITIES

**Easily accessible by MC Road
Hostel Facility available within the campus
Clinical training @ Pushpagiri Medical College Hospital**