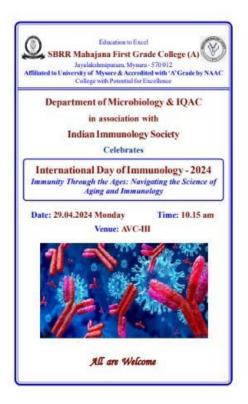
International Immunology Day 2024 Celebration



Education to Excel SBRR Mahajana First Grade College (A) Jayalakshmipuram, Mysaru - 570012 Affiliated to University of Mysore & Accredited with 'A' Grade by NAAC College with Potnial for Excellance		PROGRAMME SCHEDULE Poster Exhibition & Inauguration		
	nt of Microbiology & IQAC	10.15 am	to 10.30 am	
Indian Immunology Society Celebrates		Technical Session I	10.45 am to 11.45 am	
International Day of Immunology - 2024 Immunity Through the Ages: Navigating the Science of Aging and Immunology		Aging, Thymus & Immunity Resource Person Dr. S.R. Ramesh		
Inauguration :	Dr. T. Vijayalakshmi Muralidhar Hon. Secretary, Mahajana Education Society, Mysuru	Chief Scientist School of Life Sciences, Pooja Bhagavat Memorial Mahajana Education Center, K. R. S. Road, Metagalli, MYSURU		
Presided By : Dr B R Jayakumari Principal Mahajana First Grade College, Mysuru		CEO & Academic Advisor, SBRR Mahajana First Grade College, Mysuru		
Honourable Presence:	Dr. S R Ramesh CEO & Academic Advisor Mahajana First Grade College, Mysuru	Tea Break Technical Session II	11.45 am - 12.00 pm 12.00 pm to 1.00 pm opic	
	Dr. Kiran Kumar M N Assistant Professor, Dept. of Biotechnology Faculty of Life Sciences JSS Academy of Higher Education,Mysuru	Resour Dr. Kiran	Age Related Immune Disorders Resource Person Dr. Kiran Kumar M N Assistant Professor, Dept. of Biotechnology	
Date: 29.04.2024	Time: 10.15 am	Faculty of Life Sciences JSS Academy of Higher Education, Mysuru		

Mahajana Education Society (R) Education to Excel

SBRR Mahajana First Grade College (Autonomous)

Jayalakshmipuram, Mysuru – 570 012 Karnataka, INDIA Affiliated to University of Mysore, Re-Accredited by NAAC with 'A' Grade, College with Potential for Excellence

Date: 29/04/2024

DEPARTMENT OF MICROBIOLOGY

EVENT REPORT CELEBRATION OF INTERNATIONAL IMMUNOLOGY DAY

Immunity through the Ages: Navigating the Science of Aging and Immunology

On the occasion of International Day of Immunology-2024, the Department of Microbiology & IQAC at SBRR Mahajana First Grade College, Jayalakshmipuram, Mysuru, in association with the Indian Immunology Society, New Delhi hosted a series of interactive sessions, and Inter-collegiate Poster making competition to celebrate the Day of Immunology. The event drew an enthusiastic crowd of students, faculties, and distinguished guests, eager to delve into the latest advancements and challenges in the field.

This year's celebration, themed "Immunity through the Ages: Navigating the Science of Aging and Immunology, "aimed to highlight the critical connections between immunological research and its practical applications in fighting diseases.

The celebration began with an inauguration of Poster-making competition, led by Dr. SR Ramesh, Chief Scientist, Pooja Bhagavat Memorial Mahajana Education Center, Dr. BR Jayakumari, Principal, SBRR Mahajana First Grade College, and Dr. Kiran Kumar M N, distinguished Resource Person, Assistant Professor and UG-Course Coordinator, JSS AHER Mysuru. The competition witnessed active participation from 25 teams from SBRR MFGC and other colleges. Centered around the theme "Aging and Immunity", the competition encouraged students to explore and visually express the complex relationship between the immune system and the aging process, making these intricate scientific concepts accessible complex scientific concepts accessible and engaging to all attendees.

Participants showcased a diverse array of posters that vividly depicted how aging affects immune response and what this means for diseases management and prevention in older adults. The entries were meticulously evaluated by a panel of two esteemed judges, Dr. Girish Chandran, Assistant Professor and Coordinator, Department of Studies in Biochemistry Neuro-toxicology laboratory and Ms. Smitha Grace, Assistant Professor and Coordinator, Department of Studies in Biotechnology, School of Life science, Pooja Bhagavat Memorial Mahajana Education Centre, who praised the participants for their innovative approaches.

Following the official launch of the poster-making competition, the event proceedings were formally opened with a welcome note delivered by Smt. Zuha Afsha, Assistant Professor, Department of Microbiology. The event continued with a cultural touch—a beautifully rendered invocation song by Akshoybha, II Semester, setting a solemn and inspiring tone for the remainder of the day. The formal inauguration ceremony then commenced with the traditional lighting of the lamp by Honorary Secretary Dr. T. Vijayalakshmi Muralidhar,

Principal Dr.B R Jayakumari, Chief Scientist, and CEO Dr. S R Ramesh, Renowned Guest Dr. Kiran Kumar, Esteemed Judges of Poster Making Competition Dr. Girish Chandran and MS. Smitha Grace and the Head of the Department Ms. Spandana and Faculties of Microbiology Department Smt. Shreeja K and Smt. Zuha Afsha signifying the enlightenment and knowledge the day was set to impart.

After the lighting of the lamp, Ms Spandana N, the Head of the Department, delivered opening remarks. She reflected on the significance of International Immunology Day, emphasizing the crucial role of immunology in maintaining global health. This was followed by insightful messages from Honorary Secretary Dr. T Vijalakshmi Muralidhar and Principal Dr. B R Jayakumari, who both highlighted the importance of immunology.

With the stage set by these opening address, the event smoothly transitioned into the technical sessions. These sessions were designed to delve deeper into specific immunological topics, featuring presentations and discussions led by the experts in the field.

The technical sessions, which formed the core of the event, were both enlightening and informative.

The first technical session centered on the complex relationship between aging and the immune system, delivered by Dr. S R Ramesh. His presentation began by discussing hematopoiesisand highlighted the remarkable properties of the immune system. He then explored the thymus, a crucial organ in the formation of immunocompetent T cells, detailing its structure and function.

A portion of the session focused on how T cells distinguish themselves from B cells through specific surface molecules, as well as the interaction between antigen-presenting cells (APCs) and CD4+ and CD8+ T cells. He also explained how T cells recognize and destroy target cells through the polymerization of performs, a key mechanism in the immune response.

As the thymus undergoes involution with age—a natural reduction in size and function, the speakeroutlined the resulting impact on immunity. This decline in T cell production leads to a higher susceptibility to infections and cancer, often contributing to poor wound healing and decreased vaccine efficacy as the individual ages. This underscores the importance of understanding age-related changes in the immune system to better address health challenges in older adults.

Despite these challenges, Dr. S R Ramesh said there is hope through emerging therapies and supplements aimed at rejuvenating the thymus and strengthening the immune system in older adults. He conclude with potential therapeutic strategies, including Photo-biomodulation, which might mitigate the effects of aging on immunity and improve health outcomes. By focusing on innovative approaches, the session emphasized the potential for improved immune resilience and quality of life for an aging population.

The second technical session, presented by Dr. Kiran Kumar M N, delved into age-related immune disorders. Dr. Kiran Kumar began by addressing the significant trends in population aging.Highlighting the role of antioxidants in combating reactive oxygen species (ROS), He explained how these molecules are crucial in removing oxidative agents that contribute to cellular aging. The session further explored how aging increases the susceptibility to a spectrum of diseases, including Diabetes mellitus, Alzheimer's disease, Parkinson's disease, and Cardiovascular diseases (CVD). The multifaceted nature of aging was underscored by discussing age-related alterations that lead to multimorbidity, where multiple diseases affect one individual concurrently.

He also discussed the detrimental role of ROS and oxidative stress in accelerating the aging process. He introduced the concept of "magical anti-aging molecules," like Resveratrol, Metformin, which are believed to counteract the negative effects of aging and promote cellular health. Wrapping up the session, he concluded with a powerful message on the benefits of daily physical exercise and a healthy diet. He emphasized that these lifestyle choices are instrumental in mitigating brain function loss and enhancing overall health, thus playing a pivotal role in managing age-related immune disorders.

The technical sessions were followed by an interactive segment with Dr. S R Ramesh and Dr. Kiran Kumar M Nwho provided insightful answers.

The event concluded with the Valedictory programme, where the winners of the postermaking competition were announced. The first prize was awarded to Ms. Vijayasree V and Mr. Siddanth Yadhav, JSS AHER, Mysuru, who created an exceptional poster on Aging and Immunity. The second prize went to Mr. Veeresh and Mr. Samith for a compelling representation of Aging and Immunity. Both winners and runners received certificates and cash prizes, which were presented by Principal Dr. B R Jayakumari and Chief Scientist and CEO Dr. S R Ramesh.

The event wrapped up with a heartfelt vote of thanks, given by Smt. Zuha, Assistant Professor, Smt. Shreeja K, Assistant Professor, did a commendable job hosting the entire event.

Dr. B R Jayakumari

PRINCIPAL Smt. Bhogyalakshmemma Rattehalli Ramu Mahajana First Grade-College (Astonumu Jayalakshmipuram MYSURU-570 (

IQAC Co-ordinator

IQAC Coordinator SBRR Mahajana First Grade College (Autonomous) Jayalakshmipuram, MYSURU-570 012

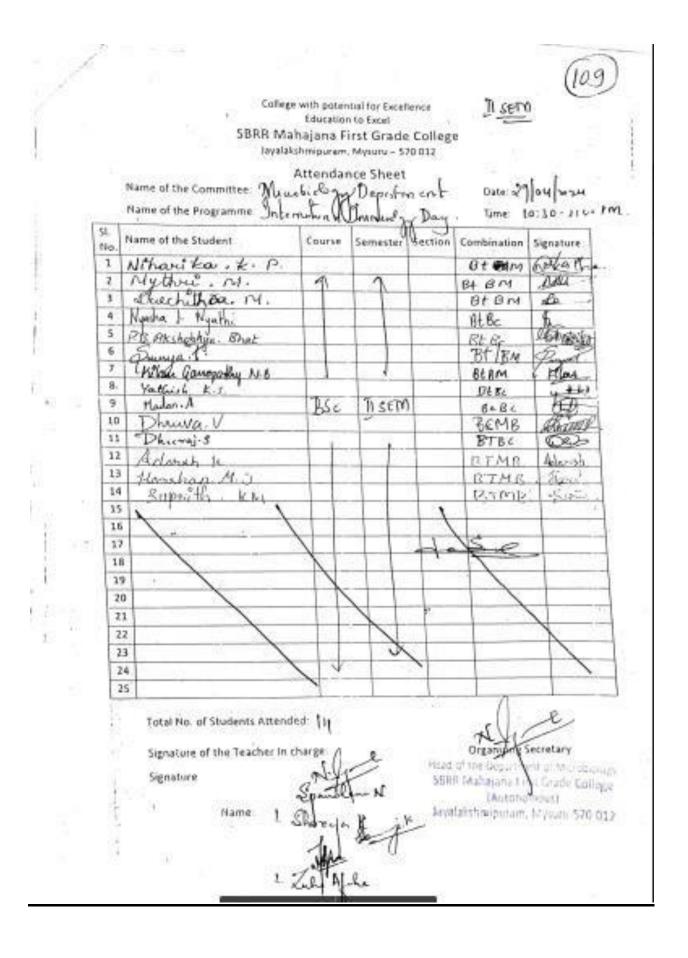
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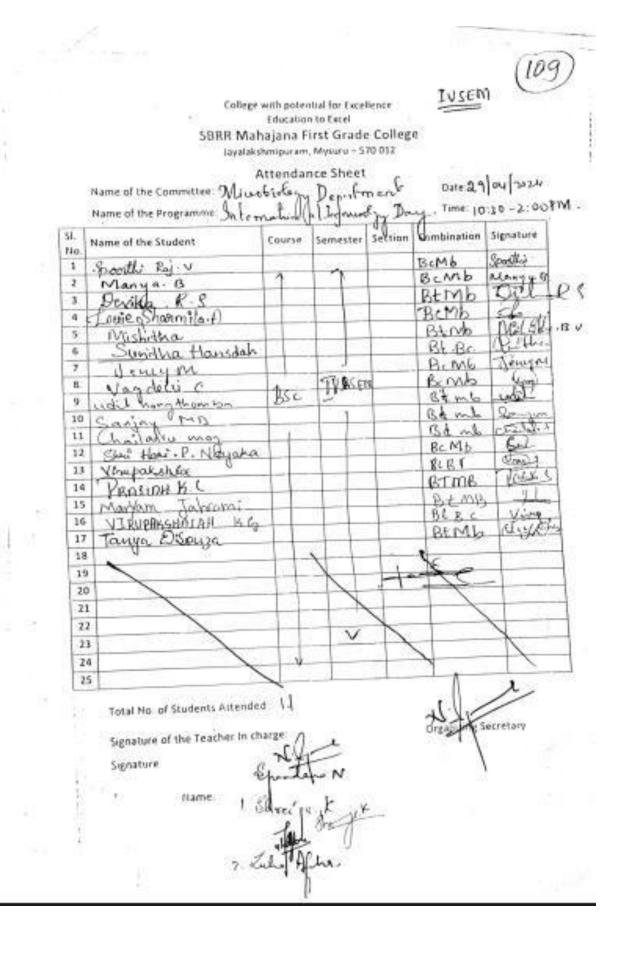
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(11) College with potential for Excellence Education to Excel Sim SBRR Mahajana First Grade College Jayalakshmipuram, Mysuru - 570 012 Attendance Sheet Name of the Committee: $h_{i}|_{i,j} \leq i_{i}$, $h_{i}|_{j,j} = 1$, $m \in \mathbb{Z}$ 30.064 Date: 29 39 Time: g. 30 - 3,00 P W . E.H. Name of the Programme: 1, 1 ---10. Day-51. Semester Section Combination Signature Name of the Student Course No. hing 1 2 Biya Devary Hoyle Purk the 2 hupmitha.s Rocyhillio ck BIML 12.5 3 17 Marchitha Cit 4 Rumanth Gowda K.B. 5 Vichuras J' 1 6 7 8. 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 Total No. of Students Attended: (2 Organiz Signature of the Teacher In charge Secretary Signature Sheven 31 Name: PRIMCIPAL or the application devices ---- Stole Fulls 41521 Phase ayes













ಇಮ್ಯು ನಾಲಜಿ ದಿನಾಚರಣೆ



ಮೈಸೂರು: ನಗರದ ಮಹಾಜನ ಪ್ರಥಮ ದರ್ಜೆ ಕಾಲೇಜಿನ ಸೂಕ್ಷ್ ಜೀವ ವಿಜ್ಞಾನ ವಿಭಾಗ ಮತ್ತು ಐಕ್ರೂ ಎಸಿಯು, ನವದೆಹಲಿಯ ಇಂಡಿಯನ್ ಇಮ್ಮು ನಾಲಜಿ ಸೊಸ್ಟೆ ಟಿಯ ಸಹಯೋಗದಲ್ಲಿ ಅಂತಾರಾಷ್ಟೀಯ ಇಮ್ಮು ನಾಲಜಿ ದಿನವನ್ನು ಆಚರಿಸಲಾಯಿತು. ಈ ಕಾರ್ಯಕ್ರಮವನ್ನು ಮಹಾಜನ ವಿದ್ಯಾಸಂಸ್ಥೆಯ ಗೌರವ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಟಿ. ವಿಜಯಲಕ್ಷ್ಮಿ ಮುರಳೀಧರ್, ಕಾಲೇಜಿನ ಪ್ರಾಂತು ಪಾಲೆ ಡಾ.ಬಿ.ಆರ್. ಜಯಕುಮಾರಿ, ೩ಇಓ ಮತ್ತು ಶೈಕಣಿಕ ಸಲಹೆಗಾರ ಡಾ.ಎಸ್.ಆರ್. ರಮೇಶ್, ಜೆಎಸ್ಎಸ್ ಎಎಚ್ಇಆರ್ಕಾಲೇಜಿನ ಜೀವ ತಂತ್ರ ಜ್ಜಾನ ವಿಭಾಗದ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ.ಎಂ. ಎನ್. ಕಿರಣ್ ಕುಮಾರ್ ಉದ್ಘಾಟಿಸಿದರು.ಸರ್ಧೆಯಲ್ಲಿ ಜೆಎಸ್ಎಸ್ ಅಹೆರ್ವದ್ಯಾರ್ಥಿಗಳಾದ ವಿಜಯತ್ರೀ, ಸಿದ್ಧಾಂತ್ ಯಾದವ್ (ಪ್ರಥಮ), ಮಹಾಜನ ಕಾಲೇಜಿನ ವೀರೇಶ್, ಸಮಿತ್ (ದ್ವಿತೀಯ) ಬಹುಮಾನ ಪಡೆದರು. ಏಜಿಂಗ್ ಪೈಮಸ್ ಅಂಡ್ ಇಮ್ಯು ನಿಟಿ ಕುರಿತು ಡಾ.ಎಸ್.ಆರ್. ರಮೇಶ್, ಏಜ್ ರಿಲೇಟೆಡ್ ಇಮ್ಯುನ್ ಡಿಸಾರ್ಡಸ್ ಕುರಿತು ಡಾ.ಎಂ.ಎನ್. ಕಿರಣ್ ಕುಮಾರ್ ವಿವರಿಸಿದರು. ಕಾಲೇಜಿನ ಸೂಕ್ಷ ಜೀವ ವಿಜ್ಞಾನ ವಿಭಾಗದ ಮುಖ್ಯ ಸ್ಥೆ ಎನ್. ಸಂದನಾ, ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರಾದ ಕೆ. ಶ್ರೀಜಾ, ಜೂಹಾ ಆಫಾ ಇದ್ದರು.

Inter-collegiate poster competition, interactive sessions on Immunology held

MYSURU, DHNS: The depart- mari, and assistant profesment of Microbiology and Internal Quality Assurance Cell (IQAC) of SBRR Mahajana First Grade College (MFGC), Jayalakshmipuram, Mysuru, in association with the Indian Immunology Society, hosted an inter-collegiate poster making competition and interactive sessions, to celebrate the International Day of Immunology, recently. Students, faculties, and guests participated in the event.

This year's celebration theme was 'Immunity Through the Ages: Navigating the Science of Aging and Immunology', to highlight the critical connections between aging and immunology and its practical applications in fighting diseases and well-being in old age.

The celebration, with poster making competition, was inaugurated by chief scientist, School of Life Sciences, Pooja Bhagavat Memorial Mahajana Education Centre, S R Ramesh, principal of SBRR MFGC B R Jayakusor, JSS Academy of Higher Education and Research (AHER), M N Kiran Kumar.

Twenty-five teams of two each, from SBRR MFGC and other colleges participated in the competition on the theme 'Aging and Immunity'. The posters were evaluated by assistant professor in Biochemistry Girish Chandran and assistant professor in Biotechnology Smitha Grace.

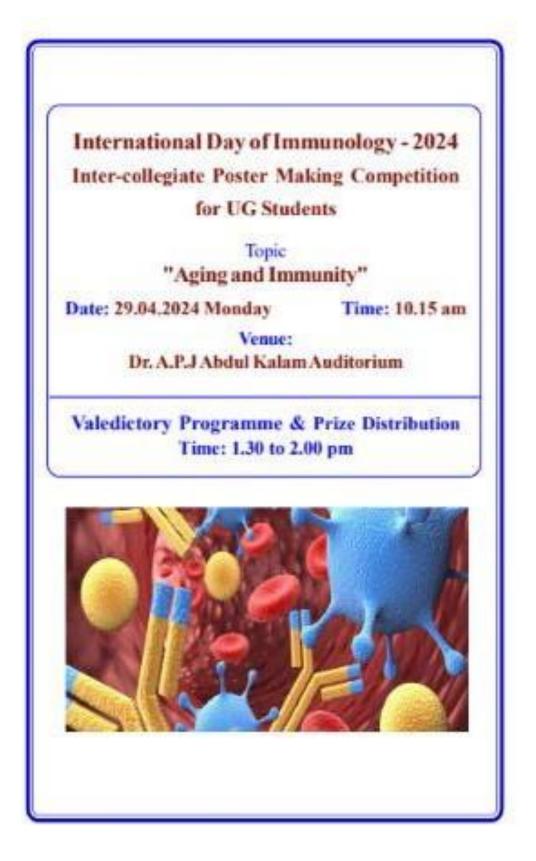
Ramesh and principal, CEO and academic advisor Kiran Kumar delivers technical talk on 'Aging, thymus and immunity' and 'Age related immune disorders' respectively. Honorary secretary of Mahajana Education Society T Vijayalakshmi Muralidhar, HoD of Microbiology Spandana, faculty members K Shreeja and Zuha Afsha were present during the inauguration.

The first prize was given to VVijayasree and Siddanth Yadhav of JSS AHER, while the second prize went to Veeresh and Samith of SBRR MFGC.



Dignitaries inaugurate the inter-collegiate poster making competition and interactive sessions to celebrate international day of Immunology at SBRR Mahajana First Grade College in Mysuru, recently, DH PHOTO

Poster Making Competition on "Aging and Immunity" onoccasion of International Immunology Day



Mahajana Education Society @

SBRR Mahajana First grade College (Autonomous)

Jayalakshmipuram, Mysuru - 570012 Karnataka, INDIA

Affiliated to University of Mysore and Ro-Accredited with 'A' Grade,

College with Potential for Excellence

DEPARTMENT OF MICROBIOLOGY

In association with Indian Immunology Society

Organizes

Inter-Collegiate Poster Making competition

PARTICIPANTS LIST

DATE-29-04-2024

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