

World Immunological Day

29th April 2017

In tandem with our tradition, we at Kirori Mal College celebrated the World Immunology day with much élan. The day started with the lighting of the lamp by the Chief guest, Dr Rajni Rani and other faculty members. It was followed by the inaugural lecture by Dr Rajni Rani on "Allergies". She elaborated on the types and the future perspectives

She elaborated that the allergic responses typically affect the skin, gut, and respiratory tract, the major sites of parasitic invasion, and it was earlier believed that IgE evolved as a defense mechanism against parasitic infestation. Helminths stimulate a vigorous IgE production, including parasite-specific IgE antibody. However, another hypothesis for the beneficial function of IgE antibodies is that they play a key role in very early recognition of foreign material ("gate keeper function") or a general potentiation of the immune system response by improved antigen presentation. Actually, allergy triggered by IgE may provide a beneficial function to the host; the typical allergic reactions of mucus secretion, sneezing, itching, coughing, bronchoconstriction, tear production, inflammation, vomiting and diarrhoea are all mechanisms that expel allergenic proteins from the body. She elaborated that a fairly good knowledge exists about the various steps in the allergic reaction, but despite present knowledge, the prevalence of allergic diseases is still increasing. In some areas of the industrialized world up to 50% of the population is affected. More efforts must be dedicated to the understanding of allergic sensitization and how it can be prevented. The identification of the pathological role of IgE and the subsequent release of inflammatory mediators and cytokines has enabled physicians to treat allergic symptoms with regard to the underlying immunological mechanisms. New pharmacotherapy in the form of a humanized monoclonal anti-IgE antibody designed to eliminate IgE may have a valuable role in treating IgE sensitized individuals.

The students interacted with the chief guest after the quiz competition.

A total of 75 students participated in the quiz and 5 prizes were presented to the students. There were tea and snacks served for all.

Indeed, it was wonderful to celebrate an Immunology day. Since, Delhi University has semester practical exams during this week we adjusted the celebration for 27th April 2017.

Dr. Anita Karma Verma
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International Immunology Day

REPORT

The Department of Pathology celebrated International Immunology Day on 29 April 2017. In the introduction basic principles and structure of antibody explained. Active immunity, Passive immunity and role of immunity in health and disease were discussed. Recent Immunology trends in Malaria elaborated including National Control Strategies for elimination of Malaria.

Dr. K. V. Murali Mohan
Prof. & HOD Pathology
Gitam Institute of Medical Sciences & Research
Visakhapatnam

Jawaharlal Nehru Medical College, Sawangi(Meghe), Wardha, School of scholars
Sawangi(Meghe), Wardha and Indian Immunology society

World Immunology Day

(29th April 2017)

Venue : SOS Hall

Time : 9am to 12.30 pm

REPORT

World immunology day jointly organized by Jawaharlal Nehru Medical College,Sawangi(Meghe), Wardha, School of scholars Sawangi(Meghe), Wardha and Indian Immunology society was celebrated on 29/04/2017.

The programme was held with pre-notified schedule.

112 class X student of School of scholars Sawangi(Meghe), Wardha were registered for the lecture. It was started with the inauguration. The inauguration was joined by Dr. Aarti Choubey Principal SOS, Wardha, Mr. Raut ,Ms. Priyanka, Ms. Fardin faculties of SOS,Wardha and faculty speakers from JNMC Sawangi(Meghe),Wardha.

Students were given information on immunology,

Immunity, consequences of immunodeficiency, Immune system, innate immunity, acquired immunity, how immune system works how to boost immunity etc.

The Interactive lectures were appreciated by students at large. The students answered very well to the questions asked during lecture session.

Question answer session was found very useful. Students asked many intellectual and good questions.

Appreciation of students who answered very well to the questions asked during lecture session and also those who asked good questions in question answer session was done by giving them small gifts and chocolates.

Students were disciplined and maintained the decorum throughout the programme.

The programme ended with feedback and vote of thanks.

Dr. Gargi Dangre Mudey
Associate Professor
Dept. of Microbiology
JNMC Sawangi(meghe),Wardha

WORLD IMMUNOLOGY DAY CELEBRATION AT DOLPHIN INSTITUTE

REPORT

Department of Biochemistry in collaboration with Immunological Society of India celebrated World Immunology Day on 29th April, 2017 at Dolphin (PG) Institute of Biomedical & Natural Sciences, Manduwala, Dehradun.

Invited guest lectures, inter Department Quiz competition & poster presentation were organized to mark the event.

Dr. Shailja Pant, Principal in her inaugural address talked about fundamental facts of immunology. She also said that without proper knowledge of immunology, it is not possible to get command over life sciences.

Dr. Arun Kumar, Director talked about utilization of immunology in diagnosis & therapy. He also said that immunology is being used in all spheres and yet a lot is to be discovered about it.

Dr. Gyanendra Awasthi, Member, Immunological Society of India said talked about importance of immunology day, in his address, he mentioned that This is the fifth consecutive year when Dolphin Institute is celebrating World Immunology day on this occasion he showed glimpses of the previous years.

Dr. D.K. Mandal, Resource Person from ICFAI University gave a lecture on "Nano-particles & their Industrial Application".

Dr Awasthi also talked about importance of Nano-particles in the field of Immunology.

Dr Ashwani Sanghi of department of Biochemistry delivered lecture on hypersensitivity.

Mr. Aditya Swarup, Department of Pathology demonstrated simple techniques of immunology.

Rubeena & Surabhi Vashishta from Biochemistry Department were awarded 1st & 2nd prizes in Inter Department poster presentation. The prize & certificates were given away by Sh. Arvind Gupta, Chairman, Dolphin Institute. He said that research in immunology is being encouraged in the Dolphin Institute.

Dr. Ashwani Sanghi, Dr. Karishma Joshi, Mr. Aditya Swarup, Mr. Ankit Johari, Sh. Ram Singh, Sh. Suresh Sati along with faculty & students were present in the occasion.

Dr. Gyanendra Awasthi
Reader and Head
Department of Biochemistry
Dolphin Institute of Biomedical & Natural Sciences
Dehradun, Uttarakhand-248007

World Immunology Day

Guru Angad Dev Veterinary & Animal Sciences University (GADVASU)
Ludhiana, Punjab-141004

REPORT

The World Immunology Day was celebrated recently by the Department of Veterinary Microbiology of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. A large number of students and faculty members participated in the celebrations. A quiz competition and an e-poster competition were organized in which undergraduate and postgraduate students participated. Dr. Anil Kumar Puniya, Dean, College of Dairy Science & Technology, GADVASU inaugurated and presided over the function while Dr. Simrat Sagar Singh, Dean, Postgraduate Studies of GADVASU was the chief guest.

A public lecture was delivered by Dr. Hari Mohan Saxena, Professor of Immunology at GADVASU. He presented his latest research work on a new Biomarker for Brucella infection and novel therapeutic vaccine and vaccine based targetting of phage for therapy of Brucellosis in cattle. He also described his innovative research work on immunopathogenesis of Infectious Bursal Disease in chickens, Superagglutination test for immunodiagnosis of infectious diseases patented by GADVASU and the novel marker vaccine and DIVA diagnostic assays for Hemorrhagic Septicemia in cattle. Dr. Tejinder Singh Rai, Professor cum Head of Microbiology Department and Convenor of the event felicitated Dr. Saxena for his contributions in Immunology research and teaching.

Dr. Simrat Sagar Singh, Dean, Postgraduate Studies, GADVASU gave away the prizes to the winners of the contests and delivered the valedictory address. In the Quiz competition (UG), Jamtsho bagged the first prize while Komalpreet Kaur stood second. In Quiz (PG), Jasleen Kaur was declared first and Asiya Mushtaq bagged the second prize. In the e-poster competition (UG), Ajay Mittal got first prize while Gurkaranbir stood second. In e-poster competition (PG), Sugandha Raj won the first prize while Jasleen Kaur secured second position. Dr. P. N. Dwivedi, Professor proposed the vote of thanks to the guests.

Dr. Tejinder Singh Rai (Dr. Hari Mohan Saxena)
Professor-cum-Head
Department of Veterinary Microbiology
College of Veterinary Science
Guru Angad Dev Veterinary & Animal Sciences University
(GADVASU), Ludhiana, Punjab-141004

World Immunology Day-2017

School of Biotechnology, Madurai Kamaraj University

REPORT

This year the International Immunology Day was celebrated in association with Tamil Nadu Science Forum, Madurai district on 29th of April 2017. The celebration was organized by Dr. H. Shakila as it was celebrated last year. This year the focus was on school children at High school and Higher Secondary level. Totally forty four children and four teachers from three schools have participated.

The celebration started with the inauguration session by singing a science song. The session was headed by Dr. H. Shakila, Associate Professor and Head, Department of Molecular Microbiology, School of Biotechnology, Madurai Kamaraj University. Welcome address was given by Mr. Sasikumar Pitchaikani, Research scholar, Department of Molecular Microbiology, School of Biotechnology, Madurai Kamaraj University. After welcome address the participants were given welcoming drink buttermilk and watermelon fruit pieces.

After the short break, Dr. H. Shakila gave a brief introduction about the importance of celebrating “**World Immunology Day**” to the gatherings and a small scientific game was conducted for the students. The scientific session was started with a special lecture on “**Importance of Vaccination**” by Dr. H. Shakila. After the lecture, a quiz was conducted for the school children by grouping them into five groups. Drawing competition was conducted based on the theme of this year “**Vaccination and Immunology**”. A special and nutritious lunch was provided to the students and the teachers who accompanied them.

After lunch, a special lecture was given by Dr. V. Premalatha M.B.B.S., D.G.O., about “**General Hygiene, Health and Immune system**” which was followed by an interactive session with the students. Children who secured first three places in the quiz and drawing competition were given with prizes. All the participants received the participation certificate during the valedictory session and the program was concluded with the National anthem. This day, celebrating “**World Immunology Day**” really provided a valuable insight into the field of Immunology and research in Immunology among school children. We thank Indian Immunology Society, New Delhi, for the motivation and funding to organize this event for the school children.

Dr. H. Shakila
Associate Professor and Head
Department of Molecular Microbiology
School of Biotechnology, Madurai Kamaraj University

World Immunology Day 2017

PGIMS Rohtak

REPORT

World Immunology Day (WID) was celebrated with interest and enthusiasm at Pt. B D Sharma Post Graduate Institute of Medical Sciences, Rohtak. A symposium on the theme- "Translational Immunology-From Awareness to Applications" was organised by the Department of Biotechnology and Molecular Medicine. Five eminent speakers in their respective specialties ranging from Mucosal to ocular immunology through immunodiagnostics and reproductive immunology delivered stimulating talks. Essentially, the symposium consisted of two sessions. The pre-Inaugural session began with sensational talk on "Emerging Frontiers in Mucosal Immunology" by Dr. Mala Kamboj, Head of Oral Pathology and Microbiology Department, Post Graduate Institute of Dental Sciences, Rohtak. Dr. Kamboj outlined the various diseases of the Gut including Pemphigoid and effect of SLE in oral mucosa. Talk by Dr. Kamboj was followed by another interesting talk by Dr. Ritu Hooda, Professor of Obstetrics and Gynecology, Post Graduate Institute of Medical Sciences, Rohtak. Dr. Reetu Hooda, Prof. Obst. & Gynae spoke on Immunological basis of spontaneous recurrent pregnancy loss. The talk nicely outlined cellular Immune responses describing various cytokines and role of HLA in pregnancy loss. The morning session was chaired by eminent chest physician Dr. K B Gupta, Head, T.B. and Respiratory Diseases and Dr. Smiti Nanda, a renowned Obstetrician and Head of the Department of Obstetrics and Gynaecology at PGIMS, Rohtak. Dean of the Post Graduate Institute of Medical Sciences. Prof. M.C. Gupta honoured the Session Chairs by facilitating with mementos.

The afternoon session consisted of three lectures and was chaired by renowned oncologist Prof. R.K. Karvasara, Sr. Prof. & Head Department of Surgery and co-chaired by immunologist Dr. Himanshu Raikwar. The session began with thought provoking talk by Dr. Jai Shankar Kausik Associate professor of Paediatrics department. Dr. Kausik nicely elaborated on Molecular Immunodiagnostics in paediatric neurology. Dr. Kaushik has actually augmented the molecular diagnostics capacity in paediatrics at PGIMS Rohtak in active collaboration with CCMB Hyderabad and NIMHANS Bangaluru. Much needed and reliable molecular diagnosis is now available to needy patients without long reporting time. Dr. Rajendra Chauhan, Senior Professor of ophthalmology spoke on immunological aspects of ocular diseases and explained how the vision is affected in several autoimmune disease like SLE, RA, Uveitis etc. The last talk of the afternoon session, "Cancer Immunotherapy-the beginning of the end of Cancer" by Dr. Vivek Kausal, Prof. & Head Department of Radiotherapy, PGIMS provided a comprehensive overview of several markers that are useful in designing treatment for cancer. Institute faculty, post graduate and undergraduate students attended the symposium with interest and participated in the program in large number.

The symposium was inaugurated by Hon'ble Vice Chancellor, Prof. O.P. Kalra who was received by the institute authorities with floral bouquets. Prof. Pramod Mehta, Director, Centre for Biotechnology, Maharshi Dayanand University graced the occasion as guest of honour. Organising Chairman and founder head of the Department, Dr. Dhara B. Dhaulakhandi presented a detailed account of departmental activities and requested the worthy Director Prof. Rakesh Gupta to welcome the audience and guests. The Director emphasised the importance of Immunology in one's career and urged budding generation to look upon 'Immunology' as an important carrier option. Hon'ble Vice Chancellor emphasised that immunology has been a very important subject of research in present scenario as his research work was also very much dependent on this very subject. Dr. Himanshu Raikwar gave insight in to the WID. The Inaugural programme concluded by vote of thanks from the organising chairman. The World Immunology Day program was aimed at promoting the benefits of immunology research and to increase awareness about immunology and the importance of immunity to fight diseases, improve research and save lives.

Dr. Himanshu Raikwar

Assistant Professor, Department of Biotechnology & Molecular Medicine
Pt. B.D. Sharma PGIMS Rohtak 124 001 (HARYANA)

World Immunology Day

29-04-2017, Jind (Haryana)

REPORT

World Immunology day was celebrated on 29-04-2017 by full zeal and enthusiasm in Jind. It was celebrated in Government sr. sec. school, Dalamwala, Jind and Supreme Sr. Sec. School, Jind. It was planned to do so as students should be aware of Immunology and their Immune system. Main focus was to promote the stream among budding Immunologists. At 9.00 am we went to GSSS, Dalamwala and students of 9th, 10th and 11th were assembled in a hall. In Supreme Sr. Sec. School, it was organized at 12.00 noon. There was an interaction programme with students.

A lecture on topic "Historical development of Immunology" was given by Dr. Deepak Saini, "Our amazing immune system" was discussed by Dr. Krishan Sharma and "Foods that boosts our Immune system" was discussed by Dr. Arvind Kodan. It was an interaction programme so a quiz was also organized during the event. The students who the answered correctly were given prizes in the form of scientific literature and pen. During break time snacks and cold drinks were distributed among children. In the end it was scuccessfully completed by vote of thanks and a momento was given to head of institution. It was wonderful experience to know about the innocent queries of budding immunologists. All the student were very excited to know about the such a wonderful history of Immunology and overwhelmed to know about the number of Immunologists Nobel Laureates. It was just a surprise for them to know details of Amazing Immune System.

I am really thankful to IIS for promoting such event.

Dr. Krishan Sharma
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World Day of Immunology

REPORT

The world Day of Immunology (DOI) was celebrated on 29th April 2017, at the Department of Molecular Oncology, Cancer Institute (WIA) through a series of lectures organized to prime the post graduates and research scholars from other institutes about the current research trends in Immunology. The first of the lectures was on immunotherapy using “Dendritic cell vaccines” that are currently being generated in the department and administered to cervical cancer patients in a phase II trial, delivered by Dr. Priya R. Dr. Mayil Vahanan Bose gave the next lecture on “Challenges in assay development, validation and commercialization of p16 ELISA kit” as a part of translational diagnostics, which would help screen women for cervical dysplasia and cancer, also being developed in the department of Molecular Oncology. Dr. Amitav Mohanty, Application Scientist at Beckman Coulter delivered a lecture on “Basics of flow cytometry”, a technique closely associated with the field of immunology. A quiz competition on immunology was held at the end and two winning teams of three participants each were chosen and prizes were awarded. Beckman Coulter Inc kindly agreed to provide the prizes for the same. Refreshments were provided to the audience at the end of the day. Certificates were distributed to all the participants by the senior faculty of the department of Molecular Oncology.

Dr. Mayil Vahanan Bose
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World Immunology Day Celebrations - 2017

PROGRAMME REPORT

For the second successive year, World Immunology Day Celebrations were held at Department of Biochemistry, HNB Garhwal University on 29th April, 2017. World Immunology Day celebrations are dedicated to increasing global awareness of the importance of immunology in the fight against infection, autoimmunity and cancer. The theme for celebrations of the day was "Infectious Diseases: Evolving Challenges to Human Health". The event was organized by the Department of Biochemistry in collaboration with the Indian Immunology Society (IIS), New Delhi. The senior faculty members and students of various departments viz. Biochemistry, Botany, Zoology and Microbiology actively participated in the event.

The event was divided into the following four sessions:

1. Lectures followed by Discussions.
2. Quiz session followed by refreshments.
3. Poster Competition on the theme of the event & Lab visit
4. Valedictory Function including Best Poster Award (3) and Certificate of Participation distribution.

The event was started with the welcome address of Dr. Nisha Singh, Assistant Professor & Convener (WID), H.N.B. Garhwal University. Dr. Nisha explained the need for celebrating such events and discussed the genesis of World Immunology Day and relevance of Immunological research. Dr. Nisha Singh delivered the key note address on "Infectious Agents: Evading Immune Systems" Further, Dr. R.K.Singh, Assistant Professor, Department of Botany & Microbiology, Dr. Harish Chandra, Assistant Professor, HAPPRC, HNBGU and Dr. Manisha Nigam, I/C Head Department of Biochemistry, addressed the gathering on "Dengue: immunology, Prophylaxis & Treatment", "Immunotherapy" and "Infectious Diseases" respectively. Students actively participated during discussion session and their queries were solved by the speakers with enthusiasm. Quiz and poster competitions were also held on the celebrations theme in which students participated enthusiastically. Visit to labs of

Biochemistry department was organized to introduce undergraduate and post graduate students to basic immunology and biochemical instruments such as ELISA, blotting units, cell and parasite culture- incubators, electrophoresis, Phase contrast microscopy etc. In the valedictory function, Dr. Manisha Nigam, I/C Head, Department of Biochemistry, congratulated all the winners of various competitions and distributed mementoes, prizes and certificates. She motivated the students to pursue research in the field of Immunology. The event was extensively covered by the media [link: <http://www.jagran.com/uttarakhand/pauri-garhwal-15941347.html>].

Dr. Nisha Singh
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International Day of Immunology-2017

REPORT

Day 1: (26th April 2017)

International Day of Immunology 2017 was celebrated on the 26th – 27th April at Khalsa College of Veterinary and Animal Sciences (KCVAS), Amritsar along with WORLD VETERINARY DAY 2017. The program started off with a free clinics and vaccination camp at Teaching Veterinary Clinic Campus (TVCC), KCVAS on the 26th April morning. The forenoon program started with quiz competition in which we have students participating enthusiastically. Our Quiz master Dr Vipin Kumar, Associate Professor, Department of Microbiology, presided over the function. The Quiz Competition was divided into 4 stages, which included the history section, rapid fire round and the winner of the quiz was fairly decided by our judges **Dr J K Khajuria**, Professor and Head, Department of Parasitology, and **Dr Mahesh Chaudhari**, Associate Professor, Department of Genetics and breeding.

The second session of the afternoon involved POSTER COMPETITION where in all the Department participated with fervor starting from Anatomy department which presented a winning poster entitled “Nasal anatomy and physiology in relation to allergic rhinitis” followed by an interesting topic on the “Role of mast cell in allergy” by Department of Microbiology and “Milk or Meat Allergy” presented by Department of Livestock Products Technology in the International Day of Immunology Poster Session, while posters presented by departments such as Nutrition, Livestock production and management, extension education and medicine won accolades in The World Veterinary Day 2017 Poster Session. Our wonderful judges include Dr. Sajjad Hussain, Dr. S S Sidhu and Dr Shagufta Azmi, Professor and Head of various departments such as Surgery, Gynaecology, and Pathology, respectively.

Day 2: (27th April 2017)

Morning session involves seminar on major topics under the International Day of Immunology 2017 theme “*Immunoglobulin E - IgE - Allergy*” and World Veterinary Day 2017 theme “**Antimicrobial resistance: from awareness to action**” Invited speakers included experts on Pharmacology and Toxicology, Pathology, Clinical Medicine and Immunology. Seminar on **Superbugs: emergence and control**, delivered by Dr J.S Punia, Professor and Head of Department, Pharmacology and Toxicology, was followed by Dr Shruti Chhibber who presented a topic on **Role of Veterinarians to combat Antimicrobial Resistance**.

Meanwhile International Day of Immunology speakers, Dr Mohd. Yaqoob Wani, Associate Professor, Department of Microbiology and Dr Tanveer Ahmad Dar, Assistant Professor, Department of Pathology presented useful information on recent trends in allergic diseases and role of IgE in parasitic diseases, respectively. All the participants learnt and gained a lot of new information and awareness on the major theme of the celebrations.

Afternoon session included prize distribution and the announcement of Best Poster Awards of the participating Departments. Students and faculty, staffs and customers all benefited from the program which was successfully organized due to the interest shown by all our staffs, faculty, students and administration. And lastly but not the least, with the support of Indian Immunological Society the celebration of IDI 2017 and WVD 2017 went off smoothly and efficiently.

Dr. Rinmuanpui Ralte
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Department of Microbiology and Immunology
Khalsa College of Veterinary and Animal Sciences
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World Day of Immunology-2017

REPORT

National Institute for Research in Reproductive Health (ICMR), Mumbai celebrated the World Immunology Day on 5th May, 2017 between 10:30 am to 1 pm in the Seminar Hall. The theme of the celebration was **Immune responses in HIV: Help or Hindrance**.

Scientists and students from NIRRH (ICMR) and neighboring institutes such as EVRC (ICMR), RMC-TMH and NIIH (ICMR) were invited. We received an overwhelming response with around **75 attendees** from our and neighboring institutes. The program was attended by eminent scientists such as Dr. NilimaKshirsagar, National Chair, Clinical Pharmacology, ICMR and Dr. MadhuMohanty, Scientist D, EVRC.

Dr. Taruna Madan welcomed the guests and informed regarding the relevance of Immunology Day and theme of the day. The program began with an insightful talk by Dr. Vainav Patel, Scientist D and Head, Dept. of Biochemistry and Virology, entitled, **“Learning from a Master – lessons in Immunology from HIV”**. He spoke about the persistent dysregulation of immune response after initial reduction of CD4+ T cells. From his study, he revealed an interesting observation of elevated immune signatures from HIV-1 long-term non-progressors.

Dr. Vikrant Bhor, Scientist D, Dept. of Molecular Immunology and Microbiology on “Gut Homing Receptor as a Potential Anti-HIV Target” delivered the second talk. He apprised us of their research on integrin $\alpha4\beta7$ and related molecules that could be targeted to inhibit viral entry into the gut to prevent progression to AIDS.

The third talk was of Dr. Taruna Madan on, **“Mucosal Immune response against HIV: Understanding the window of opportunity”** wherein recent papers on the immune response in the lower female reproductive tract (FRT) and what is the duration between exposure and integration and replication were discussed.

All the talks were highly appreciated by the audience. The lecture was followed by High Tea.

A quiz competition named **“Immunocompetence”** was organized by Dr. Bhakti Pathak and her team. Students of the Innate Immunity Department conducted the quiz. Students of NIRRH participated and got divided into four teams. Since the team was based on HIV, the teams were named as **Rev, Tat, Vif and Nef**. The quiz was divided into four rounds. Q&A (multiple choice questions), Taboo (Immunology words), Immunology Antakshari and Pictionary (Immunology: Mechanism of action).

The program was well organized and was enjoyed by all. Winner team **“Vif”** was given prizes and runners and audience were given consolation prizes.

Dr. Taruna Madan Gupta
Scientist E and Head
Department of Innate Immunity
National Institute for Research in Reproductive Health
J.M.Street, Parel, Mumbai-400012

REPORT

World Day of Immunology celebration at SRM University, Kattankulathur, Chennai

The World Day of Immunology was celebrated with much enthusiasm at the Department of Biotechnology, SRM University. The program was conducted at the Auditorium of the School of Bioengineering and was attended by the Dean, Head of the Department, research and other faculties, PhD scholars as well as the graduate and postgraduate students of the department. The event started with the Dean of the School, Dr. M. Vairamani, welcoming the Speaker for the afternoon Dr Priya Kannian. Mr. A. Rahul, a student currently in his IIIrd year of B.Tech program, delivered the welcome address and greeted Dr Kannian on behalf of the department. He also went on to recount her resume and introduced her work to the audience. Dr Kannian then delivered her talk titled "Understanding viral oncogenesis using HTLV as a model". The talk focused on two main aspects of ATL pathogenesis -early infection and initial polyclonal transformation of T cells (a comprehensive abstract of the talk is attached below). The seminar was followed by a very interactive Q and A session. Dr Kannian discussed concepts of her work and also other aspects of basic Immunology. Mr. Jayanta Mondal, a IIIrd year B.Tech student was awarded a special prize for asking the best question as decided by the panel of faculties. The scientific discussions continued over snacks and coffee and this informal session led to more discussions on scopes of Immunology and latest publications and research in the field. The program concluded with a vote of thanks by Mr. Rahul and presentation of a small memento of appreciation to Dr. Kannian by the Dean, School of Bioengineering.

Dr. Koustav Sarkar
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THE WORLD IMMUNOLOGY DAY

JIPMER, PUDUCHERRY

APRIL 24, 2017

REPORT

“World Immunology Day Celebrations” were held on April 24, 2017 at JIPMER, Puducherry, organized by the Department of Biochemistry, JIPMER. This was in collaboration with the Indian Immunology Society (IIS), which is working together with the International Union of Immunological Societies in a global effort to promote the benefits of immunology research.

This year’s programme was organized for the third time at JIPMER, Puducherry in the Department of Biochemistry, JIPMER Academic Centre on April 24, 2017 from 2.30 pm onwards. Dr. Zachariah Bobby, Professor & Head, Department of Biochemistry, JIPMER welcomed the gathering. The chief guest Dr. M. G. Sridhar, Professor (Senior Scale), Department of Biochemistry, JIPMER delivered the inaugural address on this august occasion and he stressed the emergence of immunology as an exciting area of research and the need to increase awareness around the world about immunology and the importance of immunity to fight major diseases, improve research and save more lives. This was followed by the key note address by the guest of honour, Dr. P. Kaliraj, ICMR Emeritus Professor & Former Vice Chancellor, Anna University, Chennai, who spoke on the “Role of Immunology in Global Elimination of Human Lymphatic Filariasis”. Prof Kaliraj, who also won the Senior Scientist Award from Indian Immunology Society in the year 2013, underlined the need to emphasize importance of immunology to foster research to facilitate better patient care and prevent disease. A vote of thanks was proposed by Dr. Medha R., Additional Professor of Biochemistry.

This event at JIPMER was attended by 97 delegates: postgraduate students, residents, PhD scholars, and faculty members of JIPMER and other medical institutions of the union territory of Pondicherry. It was highly appreciated by the student community and faculty alike and it was proposed to make this an annual event in the JIPMER Research Calendar.

Dr. Medha R.
Additional Professor of Biochemistry
Department of Biochemistry
Jawaharlal Institute of Postgraduate
Medical Education and Research (JIPMER)
Puducherry-605 006

INTERNATIONAL DAY OF IMMUNOLOGY

REPORT

The Department of Veterinary Microbiology of West Bengal University of Animal and Fishery Sciences, Kolkata celebrated International Day of Immunology at its Mohanpur campus (District- Nadia) among undergraduate students of Veterinary Science. At the outset, significance of observing 'Day of Immunology' and this year's theme was discussed by Prof. (Dr.) Siddhartha N. Joardar, Professor, Department of Veterinary Microbiology of the University and Life Member of Indian Immunology Society (IIS). In his speech he mentioned that the first 'International Day of Immunology' was held on April 29th, 2005. He also reminded that it was brought to life by the renowned Immunologist Prof. S.H.E. Kaufman, President, European Federation of Immunological Societies (EFIS) in order to strengthen the public awareness of Immunology as a basis for individual health and well-being. Prof. Joardar informed that like other Immunology Societies of various countries, Indian Immunology Society has observed this Day with dignity & sincerity for last couple of years and conferred 'Best International Day of Immunology award 2016' by International Unions of Immunological societies (IUIS). He gave stress on the aim of observing the day which is to create a bridge between our growing understanding of the immune system and informing the public and individual patients, in order to improve health and well-being in general.

The Veterinary science students of West Bengal celebrated the day in a unique way. The UG students (42 in number) of Veterinary Science Faculty took an oath to disseminate the knowledge of Immunology among common people. They were entrusted to take care of animal treatment and public health as also to popularize Immunology in farming community, animal owners and general mass. Besides this, quiz contest, poster presentation and essay competitions were held among the 3rd year students of Veterinary Science. Smt Puja Hazra, Sri Kausik Mahato and Mr Monojit Sit were adjudged as winner in the quiz competition. Smt. Joyita Biswas and Sri Arka Pravo Roy were awarded for best poster preparation and essay-writing, respectively. Dr. Indranil Samanta, Assistant Professor of WBUAFS conducted the quiz. Prof. Nilotpal Ghosh, Dean of Veterinary Science Faculty, expressed his satisfaction on successfully holding the programme and acknowledged the support of IIS. He distributed the prizes to the winners of the competitions. Dr. Devi Prasad Isore, HOD of Microbiology Department, delivered vote of thanks to the local organizers, IIS, EFIS and IUIS.

Dr. Siddhartha N. Joardar
Professor

Department of Veterinary Microbiology
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West Bengal University of Animal and Fishery Sciences
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World Immunology Day

29th April, 2017 – Seminar report

Organized by Department of Immunoregulation and Immunodiagnosics, Chittaranjan National Cancer Institute, Kolkata

REPORT

On the occasion of World Immunology Day, 29th April, 2017, the department of Immunoregulation and Immunodiagnosics (IRID), Chittaranjan National Cancer Institute (CNCI), Kolkata, in association with Indian Immunology Society, organized a one-day symposium to develop awareness among young undergraduate and postgraduate students about both history as well as recent trends in immunology. About 50 postgraduate and undergraduate college students from various colleges of Kolkata and its neighborhood such as Asutosh College, Vijoygarh Jyotish Roy College, Maulana Azad College, Barasat Government College and Lady Brabourne College as well as previous summer project students of this department, research scholars and faculties of various departments of CNCI participated in this seminar. Distinguished immunologists from various institutes in Kolkata were invited to deliver lectures to encourage students to take up immunology as their field of specialization.

The seminar started around 12 noon with the welcome address delivered by Dr. R.N. Baral, Head of the IRID department, CNCI, followed by felicitation of the guests with a small flower pot and a memento by various members of the IRID.

The first lecture was delivered by Prof. Subrata Majumder, Scientist and Chairman, Department of Molecular Medicine, Bose Institute, Kolkata and the topic of his talk was “Immunology in Infectious Diseases in relation to drug resistance”. In his lecture, Prof. Majumder discussed about his research in the field of host pathogen interactions, host immune responses, immunomodulation during infectious diseases with special emphasis on infection with *Leishmania donovani*, causative agent of the disease Kala-azar. He also talked about his research about the development of combinatorial therapeutic strategies such as combination of glycyrrhizic acid and sodium antimony gluconate to cure drug resistant visceral leishmaniasis. His talk gave an idea to the young students how research leads to development of drugs in the laboratory.

The next lecture – “Immunology in Cancer Research and Treatment” was presented by Dr. Utpala Chattopadhyay, Former Head IRID as well as Former Director, CNCI, Kolkata. Her lecture encompassed the fundamental basics of immunology as she taught us about the various aspects of immunological research starting from its earliest days. She also told the audience about the history of development of vaccines and how present day vaccines are developed and work. She ended her talk with some recent topics of immunology.

Our next speaker was Prof. Swapna Choudhuri, Senior Scientist, School of Tropical Medicine, Kolkata. In her talk, entitled “Immunology: Today and Tomorrow”, she told us about the various immunological techniques that have been developed and commonly used in research and diagnosis such as western blotting, ELISA, RIA, etc. This talk was very beneficial for students since the speaker discussed about various immunological techniques which are widely used in present day research.

Last speaker – Dr. Pradip Mazumder, an industrial representative, discussed about the various scopes of Immunology in industry. The talk entitled “Immunology and its scope in Industry” was very helpful for the students and researchers as the speaker opened a new dimension that is industrial application of immunology.

For encouragement, all young participants of the seminar received participation certificate.

This scientific meeting was sponsored by CNCI, Kolkata, Immunology Society of India, BD-Aniprochem and Patel Chem-de-Drugs.

Note: Although the program was completed with success, one bad incident took place. Prof. P.K. Roy, Former Director, Bose institute, Kolkata, Industrial Toxicology Research Centre, Lucknow, CNCI, Kolkata, who was invited as the chief guest of the meeting, fell sick and had to be rushed to a hospital. Due to this unpleasant incident, departmental speakers, Dr. Anamika Bose and Mr. Abhishek Bhuinya were unable to present their research work in the seminar. Prof. Ray is now alright.

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World Immunology Day celebration

29th April 2017

REPORT

The World Immunology Day was celebrated on 29th April 2017 at Dr. D.Y. Patil Biotechnology and Bioinformatics Institute (DYPBBI), Dr. D.Y. Patil Vidyapeeth (Deemed University), Tathawade Pune. We selected three topics for this year's World Immunology Day: (i) Immune system before birth and at various phases of life after birth; (ii) The dynamics of immune system and pathology & (iii) Immune system in health and disease.

A whole day programme on "World Immunology Day" was planned and held from 09.50 AM to 03.00 PM (Final Programme Sheet Attached). Two major events, "Guest Lecture & Poster Presentations" were organized. It was decided by the Institute's organizing committee that best three performances from the Poster Presentations will be given a certificate and certificate of participation would be provided to all the participants. Total 46 entries for the poster presentations were received. All the students participated actively with full preparation covering areas as diverse as immune system at before and after birth immune system in health and diseases (cancer immunology, AIDS, autoimmune diseases etc.), immunotherapy & vaccines strategy etc. Based on the committee evaluations on predefined poster ranking criteria, poster presentation certificates were given. Results of poster presentations were displayed and certificates were given to all the winners (copy of result and photographs attached). Certificates of participation were also given to all the participants.

A notable event was the participation of school children and parents. In this context, we are happy to mention that Ms. K.N. Anagaha Sharma, VII standard student from Indira National School, Pune participated in the World Immunology Day and presented a poster.

The guest lectures were delivered by (i) Dr. Vinita Bal, Visiting Faculty, Indian Institute of Science Education and Research (IISER), Pune on the topic "Immune system of premature babies, mature babies and adults; how similar and different are they?" ii) Dr. Girdhari Lal, Scientist E, National Centre for Cell Science, Pune and on the topic entitled "The location of cellular meeting controls and alloimmunity, autoimmunity and immunity". Around 150 students from B. Tech Biotechnology, B. Tech (Medical) Biotechnology, M.Tech (Int) Biotechnology and M.Sc. Biotechnology and all 34 faculty members attended the programme. Facilitation of the Guest Speaker's was done by Prof. J.K. Pal and vote of thanks was given by Dr. Rajesh Kumar Gupta, Organizer, Prof. J.K. Pal, Director, DYPBBI, supported all the events and extended all the help required for successful organizing of the World Immunology Day 2017. We would like to thank the Indian Immunology Society and Dr. D.Y. Patil Vidyapeeth for the financial support for organizing this event.

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REPORT ON SYMPOSIUM ON WORLD IMMUNOLOGY DAY 2017

“Translational Immunology-Bench to Bedside”

Chief Organiser: Prof. Alpana Sharma

April 29th is recognised as the World Immunology Day. The Immunology day celebration was jointly organized at the All India Institute of Medical Sciences (AIIMS), New Delhi by the Department of Biochemistry, AIIMS and Indian Immunology Society on 29th April 2017. The theme of this event was “Translational Immunology-Bench to Bedside”. The symposium started with inaugural session in which Chief guest was Prof. G. P. Talwar, Director Research at the Talwar Research Foundation and Guest of honour was Prof. Randeep Guleria, Director, AIIMS. Other dignitaries in this symposium were Prof. S. S. Chauhan, Head, Dept. of Biochemistry, AIIMS and Prof. Nibhriti Das, Secretary, IIS. Around 150 delegates participated in this symposium which included faculty members, research scholars and undergraduate students of AIIMS and other Institutions like MAMC, VMMC, DRDO, NMRC, ICPO, Hindurao, etc.

The programme was inaugurated with the welcome address delivered by Chief Organiser Prof. Alpana Sharma where she emphasized on the significance of the Immunology day and efforts of IIS to promote Immunology at various places in India. This is followed by the address delivered by Prof. S. S. Chauhan, Head, Dept. of Biochemistry, AIIMS who discussed the importance of immunology in every field of science and its advancement in past decades. Then, Prof. Nibhriti Das, Secretary, IIS shared her views about the efforts put forth by the society in helping the students for attending various conferences. Prof Randeep Guleria, then, address the gathering by focusing on importance of immunology in the treatment of various ailments and emphasize on the collaboration between basic and clinical scientists to extend the significance of immunology. Lastly, the chief guest Prof G. P. Talwar delivered the inaugural notes by enlightening on how the foundation of Immunology was laid in our country. He described the burden of rising incidence of leprosy and how its impact made his team to work on developing an immunotherapeutic leprosy vaccine.

The inaugural notes by the guest of honour were followed by guest lecture session. The guest lecture session was presided by Prof S S Chauhan and Prof. Nibhriti Das. The guest lecture was delivered by Dr. Satish K. Gupta (Scientist, NII). He delivered his talk on “Therapeutic Antibodies” in which he discussed about the translational value of humanised antibodies. His lecture was highly informative and appreciated by the audience.

The last but successful session of the programme was Quiz-o-con: An Immunoinight in which participation was received from various undergraduate and postgraduate students of various institutions in Delhi like VMMC, MAMC and AIIMS. This session was judged by Prof. P. Chattopadhyay, Prof. Kalpana Luthra and Prof. Kunzang Chosdol. The quiz was conducted by Quiz master Dr. Karthikeyan P and Dr. Ashikh Seethy, SR, Dept. Of Biochemistry, AIIMS. 5 teams of two undergraduate students each participated in quiz and 10 postgraduates participated in PG group. This session comprised of 4 rounds such as warm up round, image based round, challenging round and rapid fire round. Quiz-o-con was highly appreciated and enjoyed by all the faculty members and students. Winner and runner-up teams were awarded with cash prize.

The programme started at 10 AM and ended at 1.15 PM. All the delegates were awarded their certificates at the end of the session. The programme was well appreciated by senior faculty members and was described as knowledgeable and enjoyable by students.

The programme was concluded with vote of thanks by Dr. Archana Singh, Dept. of Biochemistry, AIIMS. She thanked all the dignitaries, participants and Quiz contestants for making this event a great success.

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