Scientific Program

8th Indo Global Summit and Expo on Vaccines, Therapeutics & Healthcare (VTH-2015)

November 02-04, 2015   HICC, Hyderabad, India
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:00-10:30</td>
<td>Opening Ceremony</td>
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**Group Photo**

<table>
<thead>
<tr>
<th>Time</th>
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</table>
| 10:30-11:00  | **Strategy for eradication of leprosy by using the DCGI/USFDA approved Vaccine based on Mycobacterium indicus pranii**  
G P Talwar, Talwar Research Foundation, India |
| 11:00-11:30  | **Glimpses of Rinderpest Eradication in India with mass vaccination**  
M P Yadav, Sardar Vallabhai Patel University of Agriculture & Technology, India |

**Coffee Break: 11:30-11:45 @ Foyer**

<table>
<thead>
<tr>
<th>Time</th>
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</table>
| 11:45-12:05  | Development of Ebola vaccines: Lessons learnt from 2014 West African Epidemic  
Marie Paule Kiery, World Health Organization, USA (Webinar) |

**Speaker Forum**

**Track 1: Human Vaccines- Infectious Diseases**  
**Track 7: Immunology/Animal Models**  
**Track 8: Vectors/Adjuvant/Drug delivery**

Session Chairs: G P Talwar, Talwar Research Foundation, India  
Anuradha Dube, Central Drug Research Institute, India

**Session Introduction**

<table>
<thead>
<tr>
<th>Time</th>
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</table>
| 12:05-12:25  | **Title: A novel vaccine construct containing lipidated peptide protects against Mycobacterium tuberculosis by bolstering enduring memory T cell response**  
Javed N Agrewala, CSIR-Institute of Microbial Technology, India |
| 12:25-12:45  | **Title: Advancing Th1 stimulatory proteins towards development of polypeptide vaccine against Kala-Azar**  
Anuradha Dube, Central Drug Research Institute, India |
| 12:45-13:15  | **Title: Immune complex as vaccines against tuberculosis**  
Shakila Mohan, Madurai Kamaraj University, India |

**Lunch Break: 13:15-14:15 @ 1st Floor**

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<thead>
<tr>
<th>Time</th>
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</table>
| 14:15-14:35  | **Title: Identification of potential candidate for India specific HPV-16 variant vaccine development: in-silico & in-vivo approach**  
Mausumi Bharadwaj, Institute of Cytology & Preventive Oncology, India |
| 14:35-14:55  | **Title: Therapeutic cancer vaccines and novel drug delivery systems**  
Gannu Praveen Kumar, Sahasra Institute of Pharmaceutical Sciences, India |
| 14:55-15:15  | **Title: Need of strengthening the well defined in-vivo systems for pre-clinical evaluation of vaccines in India**  
Chandrashekhkar G Raut, National Institute of Virology, India |
| 15:15-15:35  | **Title: Risk based approaches to monitoring of vaccine clinical trials – A quality driven and cost-effective model**  
Abby Abraham, Algorithm Inc, India |
| 15:35-16:10  | **Evaluation of next generation measles vectored HPV L1 vaccine immune response in non-human primates**  
Gaurav Gupta, Vaccine Technology Centre, India |

**Coffee Break: 15:55-16:10 @ Foyer**

<table>
<thead>
<tr>
<th>Time</th>
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| 16:10-16:30  | **Title: New marker vaccine and DIVA assays for hemorrhagic septicemia in cattle**  
Hari Mohan Saxena, Guru Angad Dev Veterinary and Animal Sciences University, India |
| 16:30-16:50  | **Title: Rational design of vaccine adjuvants based on dendritic cell receptor agonists**  
Halmuthur M Sampath Kumar, Indian Institute of Chemical Technology, India |
<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>16:50-17:10</td>
<td>Title: Polymeric micelle based formulation for delivery of docetaxel: Development and evaluation</td>
<td>Hema Nair, Sri Venkateshwara College of Pharmacy, India</td>
</tr>
<tr>
<td>17:10-17:30</td>
<td>Title: Future peptide vaccine for TB endemic regions: Challenges and solutions</td>
<td>Pradeep K Rai, CSIR-Institute of Microbial Technology, India</td>
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**Panel Discussion**

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**Day 2 November 03, 2015**

**Hall 6**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:00-10:40</td>
<td>Special Session on Development of Vaccines, the most cost effective approach for Health Problems</td>
<td>by G P Talwar, Talwar Research Foundation, India</td>
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**Keynote Forum**

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:40-11:10</td>
<td>Development path for Rota vaccine</td>
<td>Lopa Adhikary, Shantha Biotechnics Ltd. (Sanofi Company), India</td>
</tr>
<tr>
<td>11:10-11:40</td>
<td>Liposomal vaccine delivery of Haemophilus influenza type B (Hib) for improved efficacy-A feasibility study</td>
<td>Mala D Menon, Bombay College of Pharmacy, India</td>
</tr>
</tbody>
</table>

**Coffee Break: 11:40-11:55 @ Foyer**

**Speaker Forum**

**Track 2: Human Vaccines-Non Infectious Diseases**
**Track 4: Veterinary Vaccines**
**Track 13: Immunology Design and Discovery**
**Track 20: Antimicrobials and latest innovations**

**Session Chairs:** M P Yadav, Sardar Vallabhai Patel University of Agriculture & Technology, India

**Nahid Ali,** Indian Institute of Chemical Biology, India

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<tr>
<td>11:55-12:15</td>
<td>Title: Immune modulation for Atherosclerosis- Potential Therapeutic option for cardiovascular diseases</td>
<td>Lakshmi Mundkur, Thrombosis Research Institute, India</td>
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<tr>
<td>12:15-12:35</td>
<td>Title: Designing vaccines against visceral leishmaniasis: Importance of liposomes</td>
<td>Nahid Ali, Indian Institute of Chemical Biology, India</td>
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<tr>
<td>12:35-12:55</td>
<td>Title: Recent advances in Vaccine delivery systems</td>
<td>Prabhakar Reddy Veerareddy, Palamuru University, India</td>
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<tr>
<td>12:55-13:15</td>
<td>Title: Outer membrane vesicles: A novel particle of next generation Shigella vaccine</td>
<td>Hemanta Koley, National Institute of Cholera and Enteric Diseases, India</td>
</tr>
<tr>
<td>13:15-13:35</td>
<td>Title: Microneedles: An Approach to vaccine drug delivery system</td>
<td>B Vasudha, Anurag Group of Institutions, India</td>
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**Lunch Break: 13:35-14:35 @ 1st Floor**

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<tbody>
<tr>
<td>14:35-14:55</td>
<td>Title: Biopolymer production and its application in the field of aquaculture</td>
<td>D Latha, CMS College of Science and Commerce, India</td>
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<tr>
<td>14:55-15:15</td>
<td>Title: Current status of Indian poultry vaccines</td>
<td>Rajesh Kharvi, PFIZER, India</td>
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<tr>
<td>15:15-15:35</td>
<td>Title: Omics guided vaccine development: R&amp;D and Industry perspective</td>
<td>Ramesh Chandra Pandey, SmartAnalyst Inc, India</td>
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<tr>
<td>15:35-15:55</td>
<td>Title: Mapping population and genotype/serotype diversity of viruses: Game changers in designing viral vaccines</td>
<td>Urmila Kulkarni-Kale, Savitribai Phule Pune University, India</td>
</tr>
<tr>
<td>15:55-16:15</td>
<td>Title: Livestock and poultry vaccines developed by TANUVAS</td>
<td>Mannu Babu, Tamil Nadu Veterinary and Animal Sciences University, India</td>
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**Coffee Break: 16:15-16:30 @ Foyer**

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<tr>
<td>16:30-16:50</td>
<td>Title: Cyclooxygenase and 5-Lipoxygenase inhibitory dammarane triterpenoid 1 as anti-inflammatory and anticancer agent</td>
<td>Nagendra Sastry Yarla, GITAM University</td>
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### Panel Discussion

**Title:** Drivers of vaccines acceptability - Halal Vaccines, towards improving global healthcare and well being  
**Speaker:** Pierre A Morgan, AJ Biologics, Malaysia

### Day 3 November 04, 2015

**Hall 6**

**Speaker Forum**

**Track 13:** Regulatory / societal / economic / programmatic / legislation subjects  
**Track 22:** Ongoing Mental Health Care  
**Track 23:** Healthcare Personnel Vaccination Recommendations  
**Track 24:** Disease Control and Prevention  
**Track 28:** Mother and child Healthcare  

**Session Chair:** Halmuthur M Sampath Kumar, Indian Institute of Chemical Technology, India

### Session Introduction

**09:00-09:20**

**Title:** Nucleic acid based multi-target approach for effective silencing of influenza A virus  
**Presenter:** Prashant Kumar, Amity University, India

**09:20-09:40**

**Title:** Indian clinical trials: The unaddressed challenges of regulatory amendments  
**Presenter:** N Srinivas, Malla Reddy Institute of Pharmaceutical Sciences, India

**09:40-10:10**

**Title:** Stability of freeze-dried biological formulations  
**Presenter:** Singireddy Anandam, Malla Reddy Pharmacy College, India

### Young Researcher Forum

**10:10-10:30**

**Title:** Pentavalent outer membrane vesicles of Vibrio cholerae induce adaptive immune response and protective efficacy in both adult and passive suckling mice model  
**Presenter:** Ritam Sinha, National Institute of Cholera and Enteric Diseases, India

**10:30-10:50**

**Title:** A novel recombinant bivalent plague vaccine rVE confers effective protection against Yersinia enterocolitica surrogate infection in mouse model  
**Presenter:** Amit Kumar Singh, Defence Food Research Laboratory, India

**10:50-11:10**

**Title:** Mucosal immunization for dental caries – A feasibility study  
**Presenter:** Savla Hemali M, Bombay College of Pharmacy, India

### Coffee Break: 11:10-11:25 @ Foyer

### 11:25-11:45

**Title:** Treg cells regulates antibody response to Japanese encephalitis vaccination  
**Presenter:** Amreen Zia, Sanjay Gandhi Post Graduate Institute of Medical Sciences, India

### Poster Session: 12:00-16:45 @ Foyer

#### Session 1 (Poster VP01- VP21) 12:00-13:00

**Title:** Effect of pH and detergents on bacteriocin activity of Enterococcus gallinarum isolated from the fish intestine of Cyprinuscarpio (L.)  
**Presenter:** N D Totewad, Birla College of Arts, Science and Commerce, India
| VP02 | Title: Pentavalent heat killed *Salmonella enterica* immunogen induce adaptive immune response and protective efficacy in passive suckling mice model  
Debaki Ranjan Howlader, National Institute of Cholera and Enteric Diseases, India |
| VP03 | Title: Formulation and development of alginate chitosan encoated OmpA microparticle - A Shigella protein subunit vaccine against Shigellosis  
Priyadarshini Mukherjee, National Institute of Cholera and Enteric Diseases, India |
| VP04 | Title: Heat-killed multi-serotype Shigella immunogens induced humoral and cell mediated immunity and protection in animal models  
Dhrubajyoti Nag, National Institute of Cholera and Enteric Diseases, India |
| VP05 | Title: Immunogenicity and protective efficacy of live trans-conjugant Shigella hybrid (LTSH) strain in animal model  
Ushasi Bhaumik, National Institute of Cholera and Enteric Diseases, India |
| VP06 | Title: Zebra fish as an efficient model for study of *Salmonella* infection, transmission and vaccine efficacy  
Poushali Ghosh, National Institute of Cholera and Enteric Diseases, India |
| VP07 | Title: A study on synergistic effect of poly-hydroxy valerate N and plant extract against nosocomial pathogens  
Muthulaxmi V, CMS College of Science and Commerce, India |
| VP08 | Title: Antimicrobial biopolymer (PHV) production and its in-silico analysis  
Jayasree A S, CMS College of Science and Commerce, India |
| VP09 | Title: A study on knowledge and attitude regarding vaccines among mothers of under five children attending pediatric OPD and obg & gync OPD in MNR Medical College, Sangareddy  
A Bhargavi, MNR Medical College, India |
| VP10 | Title: Characterization of hypothesized outer membrane protein of *Leptospira interrogans Copenhageni*  
Kgakiriki Kaushik Ghosh, Indian Institute of Technology-Guwahati, India |
| VP11 | Title: Characterization of Neem (*Azadirachtaindica A Juss*) volatile compounds obtained by Supercritical carbon dioxide process  
R. Swapna sonale, CSIR- Central Food Technological Research Institute, India |
| VP12 | Title: A study on purification and crystallization of commercial palm jaggery  
Amrita Ray, CSIR-Central Food Technological Research Institute, India |
| VP13 | Title: Veterinary vaccine development and immunoprophylactics  
Mahima, Sahasra Institute of Pharmaceutical Sciences, India |
| VP14 | Title: Current trends and challenges in vaccine production and manufacturing  
Perapaga Leena Niveditha, Sahasra Institute of Pharmaceutical Sciences, India |
| VP15 | Title: The increased rate of non infectious diseases and vaccination  
Karra Ujwala, Sahasra Institute of Pharmaceutical Sciences, India |
| VP16 | Title: Atomic force microscopy as a tool for glycoprotein structure analysis  
Manoj Madheswaran, Swansea University, UK |
| VP17 | Title: *Salmonella typhi* Vi-polysaccharide particulate vaccine: Class switching and memory antibody response  
Robin Kumar, National Institute of Immunology, India |
| VP18 | Title: Immunogenicity and protective efficacy of a novel Vi-conjugate vaccine against *S. typhi*  
Sayan Das, National Institute of Cholera and Enteric Diseases, India |
| VP19 | Title: Adjuvant effect of glycosphospholipid analogues on the immune responses to ovalbumin in mice  
Bonam Srinivasa Reddy, CSIR-Indian Institute of Chemical Technology, India |
| VP20 | Title: Novel MDP analogues with enhanced efficacy useful as vaccine adjuvants  
Tunki Lakshmi, CSIR-Indian Institute of Chemical Technology, India |
| VP21 | Title: Application of nano-technology to treat anti-microbial resistance (AMR)  
Kuchibhotla Sri Venkata Phani Raghavendra, Malla Reddy College of Pharmacy, India |
| VP22 | Title: Development and validation of analytical method for the simultaneous estimation of amlodipine and metoprolol in bulk and pharmaceutical dosage form by UV- spectrophotometric method  
Mounika Pokala, Anurag Group of Institutions, India |
| VP23 | Title: Development and validation for the simultaneous estimation of pioglitazone hydrochloride and glimipride in mixed dosage form by UV-spectrophotometric method  
Rajini Talla, Anurag Group of Institutions, India |
| VP24 | Title: Cerebroprotective activity of Pentapetes phoenicea in rats  
K Naga Sravanthi, Malla Reddy College of Pharmacy, India |
| VP25 | Title: In-vitro anti-oxidant potential of Ixora javanica DC leaf extracts  
D Sunitha, Malla Reddy College of Pharmacy, India |
| VP26 | Title: Synthesis, antimicrobial and anti-inflammatory activity of N-pyrazolyl benzamide derivatives  
Aneesa Fatima, Malla Reddy College of Pharmacy, India |
| VP27 | Title: Irrational use of anti-bacterials may repeat superbug concept  
K Shreya Chowdary, Malla Reddy College of Pharmacy, India |
| VP28 | Title: Analytical method development and validation for the simultaneous estimation of cefixime trihydrate and ornidazole in combined dosage form by RP-HPLC method  
K Veena, Anurag Group of Institutions, India |
| VP29 | Title: Ebola virus  
B Niveditha, Mallareddy Pharmacy College, India |
| VP30 | Title: Colon targeting by using coffee bean extracted polysaccharide as a polymer  
B Sirisha, CMR College of Pharmacy, India |
| VP31 | Title: Review on natural havoc for cancer-green tea catechu  
B Nikhil, CMR College of Pharmacy, India |
| VP32 | Title: Review on key trends in reshaping the future of healthcare  
L Haritha, CMR College of Pharmacy, India |
| VP33 | Title: A review on novel vaccines for TB: Current challenges and future prospects in their path of development  
Laxmi Priya Sahoo, CMR College of Pharmacy, India |
| VP34 | Title: Review on immunostimulatory monoclonal antibodies for cancer therapy  
M Bhargav Reddy, CMR College of Pharmacy, India |
| VP35 | Title: Review on Ebola virus vaccine development  
P Vijaya Bhargavi, CMR College of Pharmacy, India |
| VP36 | Title: Review on anti-HIV cocktail  
S Vineesha, CMR College of Pharmacy, India |
| VP37 | Title: Cause of mortality in HIV infected patients and use of preventive vaccines  
Hasina Banu, Malla Reddy Pharmacy College, India |
| VP38 | Title: Vaccines development using glycomics  
Sadhu Vinitha, Malla Reddy Pharmacy College, India |
| VP39 | Title: Development and validation of RP-HPLC method for the simultaneous estimation of azithromycin and levofloxacin in the combined tablet dosage form  
G Pranathi, Anurag Group of Institutions, India |
| VP40 | Title: Estimation of febuxostat in bulk and pharmaceutical dosage form by using UV spectrophotometric method  
S Harshini, Anurag Group of Institutions, India |
| VP41 | Title: Drug utilization of antibiotics and anticoagulants  
K Vyshnavi, CMR College of Pharmacy, India |
| VP42 | Title: Canine distemper and its vaccination  
Aishwarya Tirumala, Malla Reddy College of Pharmacy, India |
| VP43 | Title: Rational drug therapy in the elderly  
Dheeraj Paul, Malla Reddy College of Pharmacy, India |
| VP44 | Title: Global child health and vaccine safety  
Vanam Sushma, Sahasra Institute of Pharmaceutical Sciences, India |
| VP45 | Title: Microdosing - An unprecedented move  
Agnesh Valluri, National Institute of Pharmaceutical Education and Research, India |
| VP46 | Title: Maternal and Foetal Health Care: A Special Concern with over Exploitation of Pesticides  
Shrikant Somnath Shinde, SVPM’S College of Pharmacy, India |
| VP47  | Title: Design and molecular property prediction of coumarine analogue  
Karande Dhananjay Champalal, SVPMS College of Pharmacy, India |
| VP48  | Title: Herbal haematinsics by introducing natural product by jaggery during pregnancy  
Desai S A, SVPMS College of Pharmacy, India |
| VP49  | Title: Formulation and characterization of transdermal patches of bosentan: A novel approach for treatment hypertension  
Dibyalochan Mohanty, Anurag Group of Institutions, India |
| VP50  | Title: Embedded chip implant at bone marrow to monitor immunity levels for aids and tumor patients  
S Hari Hara Kumar, Anurag group of Institutions, India |
| VP51  | Title: Low anabolic profile in assessing a patient’s overall hair loss  
Shirisha Reddy Banda, Anurag group of Institutions, India |
| VP52  | Title: Intelligent drug delivery systems: opportunities and challenges  
Vaishnavi Veerareddy, Anurag Group of Institutions, India |
| VP53  | Title: Latest Advancements in Vaccines  
Vemula Soujanya, Anurag group of Institutions, India |
| VP54  | Title: Review on latest developments and future directions in dengue vaccines  
R Aamukta, CMR college of Pharmacy, India |
| VP55  | Title: Review on new method of cancer treatment by photodynamic therapy  
Kusuma Sushma Praveena, CMR college of Pharmacy, India |
| VP56  | Title: Formulation and evaluation of oro-dispersal tablets of Olmesartan  
R Srilatha, CMR College of Pharmacy, India |
| VP57  | Title: Rheumatoid arthritis (RA) vaccines: Related with immunology  
Eluri Bhargava Sai, Malla Reddy Pharmacy College, India |
| VP58  | Latest developments and future challenges in dengue vaccine  
Kottapalli Gayathri, Malla Reddy Pharmacy College, India |
| VP59  | Title: Nanosponges in the delivery of Vaccines  
Pedireddi Sobitha Rani, Malla Reddy Pharmacy College, India |
| VP60  | Title: Pemphigus Vulgaris – a short review  
G Apoorva Reddy, Mallareddy College of Pharmacy, India |
| VP61  | Title: Chronic obstructive pulmonary disease  
E Rachana, Mallareddy College of Pharmacy, India |
| VP62  | Title: MCHCM - Mother and child health care mission  
M A Imran Ahmed, Malla Reddy College of Pharmacy, India |
| VP63  | Title: Life style modification in non-communicable diseases  
M Pradeep, Malla Reddy College of Pharmacy, India |
| VP64  | Title: Vaccine research in clinical trials: A scientific perspective  
Chintada Sai Preethi, Sahasra Institute of Pharmaceutical Sciences, India |
| VP65  | Title: Use of animal models in the development of human vaccines  
A Sushma, Sahasra Institute of Pharmaceutical Sciences, India |
| VP66  | Title: Novel vaccines for the prevention of Infectious diseases: The next generation challenge  
Majjiga Vamshi, Sahasra Institute of Pharmaceutical Sciences, India |
| VP67  | Title: Psoriasis  
A Manaswini, Malla Reddy College of Pharmacy, India |
| VP68  | Title: Nano Medicine  
B Mounica, Malla Reddy College of Pharmacy, India |
| VP69  | Title: E-BCGATB - Effect of BCG Vaccination Against Tuberculosis  
M Sai Priyanka Naidu, Malla Reddy College of Pharmacy, India |
| VP70  | Title: Ongoing mental health care  
Talari Varshini, Mallareddy college of pharmacy, India |