



Editor's Note

Dear Members,

We are delighted to bring to you the new edition of this very exciting endeavor. The ensuring success of the first two editions of INFAH Connect has motivated us to keep pushing ourselves and bring engaging content forward. We look to carry forward this momentum and further explore newer horizons of success and triumph in the animal health industry.

As in the previous editions, this third edition brings dominant tasks and issues to the forefront and into the spotlight.

INFAH is not leaving any stone unturned in representing its concerned issues to the regulators. All the platforms are wisely utilized for communicating the Animal Health Concerns. One such platform was the 3rd Regulators-Industry interactive meet held at IVRI wherein INFAH had a valuable exchange with regulatory authorities especially on Veterinary Biologicals.

A significant development covered in this edition is the conclusion of the 5th Global Animal Health Conference on 17th November in New Delhi. Experts hailing from diverse fields and countries such as government representatives, senior animal health experts and academia exchanged views on the importance of good regulatory governance of Veterinary medicines and came together to bring harmony in regulatory processes.

Another topic exclusively covered in this edition is the Goods & Service tax. Today, GST is an active topic of discussion among all business personnel and companies of India. Our team has put in a considerable amount of effort to ensure that feed supplements remain exempted in GST too. The step-by-step plan and action taken can be found in the inside pages.

The issue also throws light on the 5th Annual General Meeting and shares the sparkling discussions held during the event. The pivotal issues taken up in the general meeting were elevating the standards of Indian Animal Health practices of India and bringing them at par with the global best, an update on GST, countering counterfeits, data exclusivity and patents, imports and harnessing the digital technology in animal health industry.

We have further showcased industry news from India and across the world. Inside, you will also find recent activity updates of HealthforAnimals and a summary of important upcoming events of animal health industry.

In conclusion, we hope you enjoy this issue and come forward to contribute and share your opinions and feedbacks to improve this endeavor. You are an important part of CONNECT family and without your active presence, we cannot make as strong a statement as we are capable of. You can reach us at infahconnect@infah.org.

Looking forward to your active participation.

With Regards,

Vijay Teng,

General Secretary, INFAH



3rd Regulators – Industry Interactive Meet at IVRI



On 6th December 2016, Division of Standardization, Indian Veterinary Research Institute (IVRI) organised the 3rd consecutive Annual Interactive Meet between Regulators and Veterinary companies engaged in the manufacturing and import of Veterinary biologicals for food producing and companion animals. The interactive meet was held under the leadership of Dr Ashok K Tiwari, Head, Biological Standardisation Division, IVRI and with the joint efforts of Indian Federation of Animal Health Companies (INFAH). The meet was attended by more than 70 members representing Veterinary biological industry; Indian Pharmacopoeia Commission (IPC), Ghaziabad; State Biological production units and other associated stakeholders. Dr Rishendra Verma; Dr R P Singh and Dr D K Dey, eminent Veterinarians in the history of development and standardization of Veterinary biologicals in India also graced the occasion and interacted during the discussion on monographs of Veterinary biologicals for inclusion in Indian Pharmacopoeia.

5th Global Animal Health Conference

The 5th Global Animal Health Conference (GAHC) 2016 on 'Improved Market Access for Authorised Veterinary Medicines – The Asian Perspective' was held on 17th November 2016 at The Lalit Hotel, New Delhi. The conference was preceded by a Workshop for Regulators on 'Good Regulatory Practice for the Marketing Authorization of Veterinary Products in an Asian Context' on 14-16th November' 2016.

The workshop and conference was attended by more than 150 delegates from across the globe representing regulatory bodies, government officials, senior animal health experts, industry, academia, international bodies and international organizations.

The discussions were focused on India and South Asia and the need for appropriate regulatory systems to enable registration, market access and market control of quality assured animal health products and the contribution this would make to the 'One Health' vision.



The organizing committee included HealthforAnimals (HFA), INFAH, EMA, USFDA, OIE, Bill and Melinda Gates Foundation (BMGF), GALVMed and Develop Innovate and Advance (DIA). The organizing committee member included Rick Clayton, Yoshihiro Shimizu, Vijay Teng, Gilly Cowan, Bettye Walters, Glen Gifford, Melanie Leivers, Anna Elizabeth O'Brien and Talina Sterneberg.



Representation observed from Center for Veterinary Medicine, US-FDA, Veterinary Medicine Department,

EMA-UK, World bank - US, Heifer International, BMGF, INFAH, HFA - Belgium, OIE World Organisation for Animal Health - France, Department of Animal Husbandry, Dairying and Fisheries, Ministry of Agriculture - India, Drug Controller General of India office (CDSCO), (Ministry of Health) - India, Ministry of Agriculture - Brazil, Thai FDA - Thailand, Comit'e de las Americas de Medicamentos Veterinarios (CAMEVET) - Argentina, Embassy of Spain, Bureau of Animal Industry - Philippines, DIA Europe, Middle East & Africa, National Centre for Animal Health - Bhutan, Animal Pharm - UK, Export Inspection Agency, Ministry of Commerce and Industry - India, Japan Veterinary Pharmaceutical Association (JVPA), Ministry of Agriculture - Japan, Asian Animal Health Association (AAHA) - Japan, Indian Veterinary Research Institute (IVRI) and the industry on the recommendations and reforms required in the approval of Veterinary medicinal products (VMPs).

There was a pre-conference presentation on socio-economic development by Ms. Avani Malhotra of Heifer International, India. Heifer International is a Non-Profit organization helping overcoming hunger and poverty in bottom of pyramid population. The presentation explained the project undertaken in India by gifting goats to poor families and training the owners on goat rearing and trading of its products which increases their living income and reduces hunger and malnutrition. The presentation highlighted on their core model of "Passing on the Gift" i.e. the first female offspring of the goat will be gifted to another family and the chain continues.



The conference was opened by HealthforAnimals who thanked the organizers, the Indian government, and INFAH for their valuable support. The key note talk was from Ms. Edna Massey Kallon of World Bank on "Enabling the business of agriculture – 2016 survey on veterinary medicines for livestock". The presentation highlighted the project on global data collection and examination of laws, regulations and barriers that influence agricultural business systems in 62 countries.



Conference was divided into 4 sessions. Session-1 aimed at investigating the challenges for market access and the investment strategy in agriculture and livestock. The opening presentation was on Animal Health Sector of India highlighting the diverse animal resources, government interests and initiatives for sustainable livestock sector, opportunities Indian animal health sector offers for nutritional security and economic prosperity of India and Globe. The presentation also highlighted the need to have a dedicated body and legislation for veterinary medicines, in line with international standards and supported with adequate capacity. The key points of the workshop on good regulatory practices were shared by the HealthforAnimals during the proceeding of session-1. This session was chaired by Mr. Samuel Thevasagayam and Dr. Purvi Mehta of BMGF, India.



Session-2 on topic "Improved registration processes to increase access to animal health Products" was chaired by Dr. G.N. Singh, Drug Controller General, CDSCO, India. Ms. Melanie Leivers, Head of Veterinary Regulatory and Organisational Support of EMA shared the experience from the EU and its Regulatory Network model with 28 member states. The presentation emphasized on importance of early pre-submission dialogue, consistent standards, harmonized guidance, and training of regulators for a smooth operation of the registration processes. OIE reiterated on the point that the good governance of veterinary medicinal products and global convergence and harmonization of regulatory standards are need of the hour. There was a casestudy from CAMEVET of Brazil on regional cooperation and harmonisation initiatives in Latin America. Dr. Barbara Agate of Ministry of Brazil shared the structure, facilities, and challenges of the Brazilian system for veterinary medicines where more than 10.000 products from 617 companies are registered.

Good manufacturing practices and market control was the discussion topic for Session-3 which was chaired by Mr. Glen Gifford of OIE. The session started with the presentation on



the GMP requirements in Thailand. Mr. Pinpong Intarapanich of Thai FDA shared the efforts put-in for gaining the membership of the Pharmaceuticals Inspection Cooperation Scheme (PIC/S) in 2016. Detailed discussion on challenges and benefits of the GMP production was presented, showing the potential for reduction of errors and re-work, as well as improved compliance and quality of products by Dr. D. K. Dey representing INFAH. The importance of having control over the products on the market and fighting counterfeit products for protection of human and animal health and consumer confidence was the topic of US-FDA's presentation deliberated by Ms. Anna O'Brien.



Regional organisations and mutual recognition topic of Session-4 had observed the casestudy by Dr. S. N. Singh representing INFAH on how India is organised to cover many different regions offering a cue to other South Asian countries to learn and benefit from India's resources. In the final presentation the mutual recognition procedures of four regional organizations were compared, i.e. EMA-EU, UEMOA in West Africa, EAC in East Africa and EEC in the Eurasia region. Four important pillars were identified for mutual recognition to function well; a common set of requirements, an agreed procedure, a legal framework, and implementing robust step-by-step guidance.



The conference was concluded by Dr. Arun Atrey, President, INFAH with summary of conference, key recommendations and action points. Carel du Marchie Sarvaas, Executive Director, HealthforAnimals closed the conference by congratulating the participants, organizers, and sponsors on a very successful and well conducted event. He believed that the conference has created the necessary political awareness and support to be carried forward for an improved market access of veterinary medicines. Expanding marketing authorizations to many countries by mutual recognition or other cooperation will be beneficial for industry, regulators, customers and animal health and welfare.



The conference paved way for discussions amongst eminent personnel across the world and has offered a platform for regulatory harmonisation, increasing awareness on needs of stakeholders to support better animal health.

Note on Workshop

Preceding the 5th Global Animal Health Conference was a workshop on "Good Regulatory Practice for the Marketing Authorization of Veterinary Products in an Asian Context" from 14th to 16th November 2016 at New Delhi. The workshop was attended by thirty seven participants from India, Philippines, Nepal, Malaysia, Micronesia, Myanmar, Japan, Saudi Arabia, Argentina, Barbados, Peru, Zimbabwe, USA, Belgium, United Kingdom, France and Ireland. The aim of the

workshop was to share knowledge and understanding of good regulatory practices and to promote further close cooperation amongst a regional network of regulatory agencies.



The workshop was divided into seven sessions. The sessions covered topics of legislation and guidance; good manufacturing practices and market control; authorization procedures, logistics; post authorization procedures and market control; key enabling factors; risk management strategies for containment of antimicrobial resistance in food producing animals.

The participants took a commitment to implement the recommendations of the workshop in their national regulatory systems and to share the points of discussion with the stakeholders i.e. veterinarians, farmers and other regulators and seek their feedback.

Source : HealthforAnimals



An Update on GST

Every businessman in India understands and knows that upcoming GST will change the way India does business. Some sectors may win, some may lose, but we the members of INFAH have resolved that we should not lose on feed supplements. Currently feed supplements are exempted from Excise duty and VAT, as government is working on reducing exemptions, therefore we apprehended that in case GST becomes applicable, it will be a biggest setback not only to industry but also to the farmer in whose interest we all are working for. Realizing this impact, importance and implications, we all resolved that INFAH need to make representations to ensure that it remains exempted under GST also.

For realizing our objective, our home work started more than one year ago. We have taken services of KPMG. Since then KPMG and Managing committee of INFAH has been working hand in hand. Various representations have been prepared with facts and figures and most of the officials who can influence decision have been met at various places

during different times. All Managing Committee Members have been promptly available with their inputs for the various meetings.

The feedback and response of various officials has been positive during discussions. Now as we are waiting for the final results, we wish to share the various steps taken by INFAH Managing Committee and KPMG experts during last twelve months.

As part of the strategy for obtaining exemption for animal feed supplements under GST, INFAH had agreed to approach the following:

- Ministry of Agriculture
- Ministry of Finance
- Empowered Committee

Accordingly, the written representation document were submitted to the concerned officials in February 2016.

Subsequently meetings were held with the concerned officials:

Ministry of Agriculture: We met the Joint Secretary (Trade), Director (Trade) and Animal Husbandry Commissioner and requested them to issue a letter to the Ministry of Finance recommending exemption for animal feed supplements under GST. We had also shared a format of the letter to be sent to the Ministry of Finance. We understand that the Ministry of Agriculture has issued the letter to the Ministry of Finance.

GST Commissioner: We explained the reasoning of our request for exemption to the GST Commissioner. The GST Commissioner acknowledged our concerns and mentioned that there is merit in our representation. He also asked us to

approach the GST Council once the same is formed.

Ministry of Finance: We met the CBEC Chairman (also GST Council Invitee Member) and Tax Research Unit ('TRU') member regarding our representation. They were of the view that if our products are exempt from excise and VAT across the country, most likely the product is expected to be exempt under GST as well.

Various states: We met the Chief Ministers / Deputy Chief Ministers / Finance Ministers of various states and submitted our representation for exemption. They were also of the view that if our products are exempt from excise and VAT across the country, most likely the product is expected to be exempt under GST as well. As it is not necessary / possible to meet Finance Ministers of all states we have covered key states with the objective of making uniform opinion pan India.

Tabulated below are the details of the meetings held with various officials. We have also submitted a copy of the representation document with the said officials.

The efforts of INFAH Managing committee, KPMG and all members involved in GST representation are praise worthy. We are confident that the discussions would yield a positive response from government of India.



Meeting With	Concerned Person	Designation	Date
Ministry of Agriculture	Dr. A J V Prasad, Dr. Suresh Honnappagol	Joint Secretary (Trade), DADF / Animal Husbandry Commissioner, DADF	7-Apr-16
Ministry of Finance	Shri Upender Gupta	GST Commissioner	21-Jun-16
Ministry of Agriculture	Dr. A J V Prasad, Dr. Suresh Honnappagol	Joint Secretary (Trade), DADF / Animal Husbandry Commissioner, DADF	16-Sep-16
Ministry of Agriculture	Mr Sagar Mehra	Director (Trade), DADF	22-Sep-16
Ministry of Finance	Mr Najib Shah	Chairman, CBEC, New Delhi	25-Oct-16
Ministry of Finance	Mr Alok Shukla	Head TRU, Ministry of Finance, New Delhi	25-Oct-16
West Bengal State	Shri Amit Mitra, Shri Swapan Deb Nath, Shri Chandra Nath Sinha	Minister of Finance / Minister In-charge Animal Resource / Minister of Fisheries	7-Nov-16
Maharashtra State	Shri Sudhir Munantiwar	Minister of Finance	29-Oct-16
Orissa State	Shri Debiprasad Mishra	Minister Industries	16-Nov-16
Assam State	Shri Sarbananda Sonowal, Shri Atul Bora	Chief Minister / Minister of Agriculture & Animal Husbandry	7-Nov-16
Kerala State	Dr. Thomas Isaac	Finance Minister	18-Nov-16
Madhya Pradesh State	Shri Jayant Kumar Mallayya	Minister of Finance & Commercial Taxes	28-Nov-16
Gujarat State	Shri Nitin Patel, Shri Rohit bhai Patel	Deputy Chief Minister / Minister of Finance & Industries	29-Nov-16
Andhra Pradesh	Shri P Pulla Rao, Shri Yanamala Ramakrishnu	Minister of Animal Husbandry / Minister, Finance & Commercial Tax	7-Nov-16
Telangana State	Shri E. Rajender	Minister of Finance & Planning	1-Nov-16

5th AGM of INFAH

The 5th Annual General Body meeting of INFAH was held on 12th August 2016 at Hotel Sahara Star, Mumbai. The meeting was attended by over 100 industry colleagues representing Indian Animal Health & Nutrition Industry.



Key discussions of the event are as under:

1. Dr. D. K. Dey, Vice President INFAH addressed the gathering with his Welcome Speech.
2. Dr. Arun Atrey, President INFAH, thanked all the members for their contribution in the 5th year journey of INFAH.
 - a. Dr. Atrey emphasized on raising the standards of Animal Health practices of India at par with World and making animal produce safer for human consumption.
 - b. He requested all INFAH members to shoulder the responsibility of Subcommittee HR in attracting the talented manpower to Animal Health Industry.
 - c. Continuous interaction with Scientists and regulators is required to work towards creating the best possible practices for the Industry which can be scientifically as well as commercially justified.
 - d. Dr. Atrey requested every INFAH Member to add value to the INFAH's initiatives
3. Mr. Vijay Teng, General Secretary made a detailed presentation on journey of INFAH in 2015-16 highlighting the various activities and initiatives of INFAH.



- a. The various initiatives taken on regulatory front were discussed including status of creating separate vertical of Animal Health products at CDSCO.
- b. He updated on the talks with CEESA for creating database of Animal Health Industry. Three Indian companies have already joined CEESA by sharing their sales data.
- c. Participation of INFAH at HFA was highlighted as major step towards taking INFAH to the global arena.



- d. Other initiatives which were highlighted were GST representation, representation on Antimicrobial resistance, collaboration efforts with CLFMA, status of Indian Pharmacopeia, INFAH connect and various CSR initiatives of INFAH.
4. Mr. Santosh Dalvi of GST KPMG team presented "Update on Goods & Service Tax (GST) law & its advocacy". He highlighted the implications of GST on animal nutrition and health industry.
5. Mr. Satish Pasrija detailed the team on issue of counterfeits in animal health industry. He shared his viewpoints in tackling counterfeits through various case studies. This presentation received thunderous applause & all INFAH members appreciated the insights brought by this presentation. Most of the members now have roadmap to address the counterfeit menace.

6. Dr. P.G. Phalke (Treasurer-INFAH) conducted the AGM proceedings and updated members on:
 - a. Inclusion of Nurture Aqua as new INFAH member company
 - b. Inclusion of Mr. Anurag Agrawal as Managing Committee Member in lieu of Mr. Balaram Bhattacharya.
 - c. Sharing of Balance Sheet for the year 2015-2016
 - d. Appointing the auditors for next term
 - e. Membership Renewal
7. During the member's forum INFAH Member Mr. Rajesh Agarwal (Bayer India) shared his thoughts on Data Exclusivity & Patents, Mr. Rajesh Gera (Hester Bioscience) expressed his views on Importation of Biologicals.
8. The final part of AGM witnessed an exciting presentation on "Harnessing the Digital Technology" by Mr. Hareesh Tibrewala (Joint CEO, Mirum Agency). He enlightened the audience with an external perspective on how Digital technology is changing the business dynamics. He shared insights on time spend on digital media, internet reach to rural and urban population, user information of different social media platforms. Connecting these insights, he shared how animal healthcare provider can leverage these platforms.
9. On the occasion of the 5th AGM, INFAH Recognized the contribution of individuals towards development of AH sector in the form of "INFAH Award". The award was presented to Dr. Asim Banerjee for his exemplary contribution to society at large and Animal Health Industry in particular.

Dr. Jeetendra Verma (Joint Secretary- INFAH) read the citation for Dr. Asim Banerjee.

Over a period of more than 3 decades Dr. Asim Banerjee served relentlessly working towards development of AH sector. Dr. Asim Banerjee thanked INFAH for this award and delivered an Inspirational speech by sharing his success mantra with the audience. He emphasized that AH professionals should feel proud as we play a

significant role in providing nutrition security to the nation. He appreciated the leadership provided by Mr. Satish Pasrija & Dr. Arun Atrey. He conveyed his good wishes to INFAH for its endeavors in coming years.

10. Dr. Vijay Makhija, Managing Committee Member-INFAH proposed vote of thanks. He expressed sincere gratitude to Dr. Asim Banerjee, Mr. Satish Pasrija, Dr. Arun Atrey for their continuous guidance and Support. Thanked KPMG Team, Mr. Satish Pasrija and Mr. Hareesh Tibrewala for sharing their insights through presentation during the AGM. He recognized the contribution of each INFAH member, Managing committee, Subcommittee members and support of Dr. Shivanand, Ms. Bhavana , Ms. Radhika and team to help INFAH functioning as a responsible association.



HR Career Portal

HR subcommittee was created in 2015 with the objective to nurture the quality manpower for current and future needs of Animal Health Industry. The growth in the Industry, expansion of current companies and entry of new businesses would increase the demand for the manpower. Since the knowledge about the animal health industry is limited among the common citizens of India, INFAH has created HR subcommittee which has started working towards raising awareness about the animal health industry and its career prospects.

The team of HR subcommittee has already started presenting the Industry to the prospective students of science degree courses, poultry science courses and related courses. The team plans to broaden reach and approach to even more colleges and different courses so as to ensure the availability of manpower with different skills, knowledge and educational background aiming to fill the various hierarchical positions in the organization.

To support the efforts of HR subcommittee INFAH has undertaken number of initiatives one of them is regionalized assignments to member companies to promote and educate the students about the Animal Health Industry through a presentation on the industry.

The other major step taken is creation of HR portal in the INFAH website. The interested candidates have to browse the website, on the home page there is an option of "Career with Us". This page contains brief on Animal Health Industry and a form to be filled by the aspirant. Below are the details to be filled by the candidate.

Apply Online

The Indian animal healthcare market is projected to be around Rs. 60,000 million by 2018. The species share in AH market is 50% for livestock, 40% for poultry, 1% for companion animals and rest 5% for other remaining animals. There are more than 50 major companies operating in Animal health market in India. Animal Husbandry in India has undergone significant changes over the years, thanks to the adoption of innovative technologies used for prevention and care of farm and companion animals. There has been a paradigm shift in the business approach of Animal health companies that has evolved from therapeutics to preventive to productivity enhancement and now to overall healthcare of the animals. Animal health industry offers you long term sustainable career opportunity. You are entering the consistently fast growing industry which provides self development, enhancing your skills and personality. Your profession provides an opportunity to travel, meet people and increase your professional network giving you recognition in the society.

Member's Login

User Name:
 Password:
 Remember Me **Log In**
 Forgot your password?

News

5th INFAH AGM
 17th August, 2016
 INFAH at IFA, Brussels
 0th March, 2016

INFAH Connect
 Founder of Animal Health Industry
 Latest issue | all issues

Form Fields:

Full Name:
 Mobile:
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 Interest Profession:
 Work Experience (yrs):
 Location Preferred:
 Attach your Resume:
 Enter the code:
Submit

The portal would serve as a database of all interested candidates. The HR portal can be accessed by every member company. The details of candidates can be viewed through the Member's Login section and the resume can also be downloaded. The companies can select the candidates as per their requirement and contact them directly.

GLOBAL NEWS

UN names animal health as top priority for sustainable agriculture

The United Nations' 2030 Agenda for Sustainable Development lays out a host of priorities including "food security and nutrition," an ambitious plan to eliminate hunger and malnutrition. Now, the organization is defining the role of the world's livestock caretakers in meeting that goal--naming animal health as a key part of its strategy.

At a meeting of the UN's Food and Agriculture Organization (FAO) Committee on World Food Security in Rome on 17th to 21st October 2016, the organization released draft guidelines for food security and nutrition, including 5 goals for improving animal health and welfare. Although the recommendations are voluntary, the UN believes that governments and other food-security stakeholders should embrace them.

The UN's priorities for improving animal health and welfare include improving access to veterinary services and quality feed, and providing all animals the "five freedoms" as defined by the World Organization for Animal Health (OIE). They include freedom from hunger, fear, physical discomfort and pain, as well as the freedom to pursue normal behaviors.

The responsible use of antibiotics in farming and "One Health" were also the part of agenda of the meeting.

Source: *Fierce Pharma*, 31st October 2016

Resistance to drug of last resort found in farm animals in US

Carbapenems are one of the most important classes of antibiotics used in humans, and are an important agent against multi-drug resistant bacteria. Now, for the first time, bacteria that carry a transmissible carbapenem resistance gene have been found in Livestock in United States. However, in the US, carbapenems are not used in animal health because of their importance to human health. The source behind these resistant bacteria affecting LS is still unknown and scientists are trying to find the reason for the infection.

Source: *MedicalNewsToday*, 7th Dec 2016

World's First cloned goat with Cashmere Wool born in China

The World's first cloned goat bearing superfine Cashmere wool was born in north China's Inner Mongolia Autonomous Region. The Cashmere fiber from the goat is less than 13.8 micrometers thick, much finer than the average of 15.8 micrometers grown by the famous Erlang Mountain goats in Inner Mongolia.

Source: *Time of India*, 18 Dec 2016

Avian Flu Strain Spreads to 45 Cats

45 cats at the Animal Care Center shelter in New York City were detected with a rare Avian Influenza strain, H7N2. The symptoms in the infected cats included runny nose, congestion, a persistent cough and lip smacking.

Source: *VeterinaryPracticeNews*, 16th Dec 2016

Vets ask prospective dog owners to avoid pugs and other flat-faced breeds

Flat-faced breeds such as pugs, bulldogs and shih-tzus known properly as brachycephalic breeds, have surged in popularity after a rise in celebrity ownership, but their shortened muzzles put them at risk of breathing and eating difficulties, as well as eye problems. The British Veterinary Association, which represents vets across the UK, has encouraged prospective dog owners to choose a healthier brachycephalic breeds.

Source: www.theguardian.com

Dental Care Guidelines for Vets

The World Small Animal Veterinary Association is working on the first Global Dental Guidelines. The guidelines, to be released in September 2017 in Denmark during the 42nd World Congress, will serve as the "gold standard" for dental conditions. The experts at WASAVA express that there is major need to focus on dental issues of companion animals which usually goes unnoticed as animals cannot express the pain. They also feel that dental education in Veterinary curriculum is limited leading to less knowledge of dental conditions among the veterinarians.

Source: *VeterinaryPracticeNews*, 5th January 2016

NEWS CORNER INDIA

Cabinet approves transfer of 2 acres of IARI land to VCI

In October the Union Cabinet chaired by PM Mr. Modi has approved transfer of 2 acres of land in New Delhi from IARI to VCI on lease basis for 99 years to establish additional facilities. The total lease rent would be Rs. 8,01,278 for 99 years at Rs. 1 per sq. meter per year. Currently VCI is located in Bhikaji Cama place, New Delhi in an area of 361 sq. meters taken on lease from Housing and Urban Development Cooperatoin. VCI has requested for more space to expand its facilities. IARI has total 1200 acres of land in Todapur village of New Delhi out of which 750 acres is farm land.

Source:

<http://economictimes.indiatimes.com/news/politics-and-nation/cabinet-approves-transfer-of-2-acres-of-iari-land-to-vci/articleshow/54693309.cms>

40th Annual Congress of ISVS Held at Chennai

The 40th Annual Congress of Indian Society of Veterinary Surgery (ISVS) and National Symposium on "Biomaterials and Stem cells for tissue repairs and regeneration in Veterinary surgery" was held at Madras Veterinary College, Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai on 2-4th December' 2016.

More than 250 Veterinarians participated in the congress from across the country including galaxy of eminent Veterinary Surgeons viz. Dr. Gajraj Singh; Dr. P E Kulkarni; Dr. B Ramanathan; Dr. Jit Singh; Dr. S Thilagar, Vice Chancellor, TANUVAS; Dr. D B Patil, Director of Research and Dean PG Studies, Kamdhenu University; Dr. R Jayaprakash, Director of Clinics, TANUVAS; Dr. C Ramani, Professor, TANUVAS; Dr. Capt G.D. Rao, Dean, CAU, Nagaland; Dr. B.V. Shivaprakash, Dean, Veterinary College, KVAFSU, Bidar; Dr. Amarpal, Principal Scientist and Head, IVRI and many others.

The conference was organised under the leadership of Dr. Ravi Sundar George, Organising Secretary and had 11 technical sessions, 2 poster sessions, 4 award sessions and the theme session.

Source: Internal

32nd Annual Convention of ISSAR held in Tirupati

XXXIInd Annual Convention of the Indian Society for Study of Animal Reproduction (ISSAR) on 'Animal Fertility and Fecundity at Crossroads- Addressing the Issues through Conventional and Advanced Reproductive Technologies' was organised at College of Veterinary Science, Sri Venkateswara Veterinary University (SVVU), Tirupathi, from 6 to 8th December 2016.

More than 350 Veterinary Gynaecologist and Obstetricians participated in the conference and debated on the Advanced Reproductive Technologies in augmenting Livestock reproduction and production. The conference had 8 scientific sessions, 8 poster sessions along with the oration lectures on reproduction in farm and companion animals.

Source: Internal

Indian Lions getting attacks of Canine Distemper Virus

The threat of canine distemper is hounding the Asiatic lion. After tests by Indian Veterinary Research Institute (IVRI) confirmed that the four lions sent to Etawah in UP from Gujarat's Sakkargaon Zoo had died of canine distemper virus (CDV). The alarm about the presence of canine distemper virus in Asiatic lions had earlier been raised by Dr Richard Kock of Britain's Royal Veterinary College, this time the former director of Sakkargaon Zoo, Junagadh, C N Bhuva, has confirmed the threat. The Gujarat government had immediately ordered a study through its Gujarat State Bio-Technology Mission (GSBTM).

Source: Times of India, 23rd Dec 2016



Market Update

How Animal Health Companies Can Create Competitive Advantages at the Intersection of Mobile, The Cloud and Custom Software

Animal Health industry calls for greater collaboration between national governments

HealthforAnimals, the global animal medicines association, called for greater cooperation between national governments to improve market access for veterinary medicines at the 5th Global Animal Health Conference in Delhi, India.

In front of representatives from two dozen countries, HealthforAnimals encouraged regulators and policymakers to build stronger regional cooperation networks that can streamline regulatory systems and improve the availability of animal medicines.

For More Information:

<http://www.healthforanimals.org/resources-and-events/resources/press-releases/162-animal-health-industry-calls-for-greater-collaboration-between-national-governments.html>

Global Vision for Regulation of Veterinary Medicines

HealthforAnimals promotes a 2025 Vision for Regulation of Veterinary Medicines across the world.

The vision sees efficient regulatory systems that result in harmonised, science-based decisions in predictable time frames, resulting in the wide availability of safe and effective veterinary medicines.

For More Information:

<http://www.healthforanimals.org/resources-and-events/resources/publications/158-vision-for-regulation-of-veterinary-medicines-across-the-world.html>

by Emily McVey | Jul 29, 2016



Matthew Barksdale, President, [Engage Mobile Solutions](#)

One of the keys in business is to create a sustainable competitive advantage - one that cannot be easily copied and can be built upon over time. Nowhere is this more true than in the competitive animal health market. While this is the goal, most companies in any industry tend to gravitate toward the mean - implement similar technologies, follow similar processes, benchmark against one another to the point where consumers are indifferent because the products and experiences are the same.

The business landscape of the United States (and world) is littered with once-dominant companies that missed opportunities - and as a result failed in the marketplace. Mighty companies and brands can become obsolete unless they adapt their business models and processes to maintain a competitive advantage. Kodak was destroyed by digital photography. Blockbuster was destroyed by video-on-demand. Borders was destroyed by online retailers, etc. As the pace of technology change increases, the risk of established companies being disrupted by new technologies increases. On the flip side, technology innovation provides an opportunity to change how data is collected, how products are delivered and how companies interact with their clients - providing an opportunity for smaller companies to compete and even dominate larger companies.

As we look across the technology landscape, there are three technologies that have matured to the point that they, when used in conjunction with each other, can help create a true sustainable advantage. Those three technologies are Cloud, Mobile and Custom Mobile Software.

“Mobile will affect more than just your digital operations — it will transform your entire business.” - Forrester research

Mobile - Smartphones and mobile devices are the fastest-adopted technology in history. Last year there were officially more mobile devices than people in the world, and the average person in the US is never more than 3 feet away from their phone. The fact that employees, business partners and customers have a mobile Internet-connected device with them at nearly all times provides incredible business opportunities to change the way companies interact with their stakeholders.

“Cloud is about how you do computing, not where you do computing” - Paul Maritz

The Cloud - Cloud computing (using a network of remote servers hosted on the Internet to store, manage, and process data, rather than a local server or a personal computer) is more flexible, more secure and requires a lower investment than traditional IT infrastructure. Most importantly, cloud computing allows data to be more easily shared across the organization and enables IT departments to be more nimble and flexible in terms of supporting business objectives.

“Companies recognize the value of mobile apps for their business, but very few are well prepared to successfully deploy and maintain those apps.” - Accenture

Custom Software/Mobile Apps - While cloud computing and mobile are trends that every company can leverage, it is the intersection of those two technologies with custom software and mobile apps where a sustainable competitive advantage can be created. Effective mobile software can revolutionize field data collection and more effectively transmit information to the field in order to make better and more timely decisions. Software can streamline inefficient paper processes. Software can even change the user experience so the product is less about what consumers are physically buying and more about the experience enabled by the software.

The intersection of these three technologies - Mobile, the Cloud and Custom Software/Mobile apps - provides the opportunity for companies to develop new competitive advantages around communication with stakeholders and the real-time collection, distribution and analysis of data. Companies that fail to adapt these technologies into their business may see their existing business model and competitive advantage lose steam. Animal health companies that look for and find ways to leverage the convergence of these three technologies will open up new avenues to create competitive advantages that can be built upon for the next decade and beyond.

About Engage Mobile Solutions

Matthew Barksdale is the president of Engage Mobile Solutions. Engage Mobile, helps health-focused organizations solve unique and challenging business problems by building custom software and leveraging mobile and cloud technologies. Engage Mobile's deep experience and focus on health gives them a unique perspective to help clients achieve their goals. Matthew holds degrees from Rockhurst University and The Wharton School of Business and lives with his wife, two children and two dogs in Liberty, Mo. Learn more at <http://www.engagemobile.com/>



I- Connect is your space and your voice. Please feel free to share your opinions, thoughts and suggestions at infahconnect@infah.org,

Gazette Notification from MOH & FW for Extension of Validity of Form 29 and Form 11 to three years

MINISTRY OF HEALTH AND FAMILY WELFARE

(Department of Health and Family Welfare)

NOTIFICATION

New Delhi, the 2nd February, 2017

G.S.R. 103(E).—Whereas a draft of certain rules further to amend the Drugs and Cosmetics Rules, 1945 was published as required by section 12 and section 33 of the Drugs and Cosmetics Act, 1940 (23 of 1940) vide notification of the Government of India in the Ministry of Health and Family Welfare (Department of Health and Family Welfare) number G.S.R. 667 (E), dated the 5th July, 2016, published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i), dated the 5th July, 2016, inviting objections and suggestions from persons likely to be affected thereby before the expiry of a period of forty five days from the date on which the copies of the Official Gazette containing the said notification were made available to the public;

And whereas copies of the Gazette were made available to the public on 5th July, 2016;

And whereas objections and suggestions received from the public on the said rules have been considered by the Central Government;

Now, therefore, in exercise of the powers conferred under section 12 and section 33 of the Drugs and Cosmetics Act, 1940 (23 of 1940), the Central Government after consultation with the Drugs Technical Advisory Board, hereby makes the following rules further to amend the Drugs and Cosmetics Rules, 1945, namely:-

1. (1) These rules may be called the Drugs and Cosmetics (4th Amendment) Rules, 2017.
(2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Drugs and Cosmetics Rules, 1945 (hereinafter referred to as the said rules), after rule 36, the following rule shall be inserted, namely:-
“36A Import of drugs by charitable hospital free of cost.—(1) Small quantity of drugs received in donation by a charitable hospital for the purpose of treatment of the patients in the said hospital may be imported provided the drugs are given or administered to the patients free of cost.
(2) The drugs shall not be prohibited for import and permitted to be marketed in the country with residual shelf life of one year or more.”
3. In the said rules, in rule 45, in sub-rule (1), after the words “in accordance with these rules”, the following words and the proviso shall be inserted, namely:-
“within a period of sixty days of the receipt of the sample:
Provided that where it is not possible to test or analyse the sample within the specified period, the Government Analyst shall seek extension of time from the Government giving specific reasons for delay in such testing or analysis.”;
4. In the said rules, in rule 91, for the words “one year from the date of issue”, the words “three years from the date of issue” shall be substituted.
5. In the said rules, rule 124A shall be omitted.
6. In the said rules, in Schedule A,
 - (a) in Form 11, in paragraph 3, for the words, “one year”, the words “three years” shall be substituted;
 - (b) in Form 29, in paragraph 3, for the words “one year”, the words “three years” shall be substituted.

[F. No. X.-11035/288/2015-DFQC]

K. L. SHARMA, Jt. Secy.

Note: The principal rules were published in the Official Gazette vide notification number F. 28-10/45-H (1), dated the 21st December, 1945 and last amended vide notification number G.S.R. 76(E) dated the 31st January, 2017.

Circular from CDSCO on Antimicrobial Usage

No.DCG (I)/Misc./2017 (05)
Central Drugs Standards Control Organization
Directorate General of Health Services
Ministry of Health & Family Welfare
(Office of DCGI)

FDA Bhavan, Kotla Road,
New Delhi-110002.

Dated: 16th January, 2017

NOTICE

It has reported by the Press that antimicrobial resistance has resulted in the death of a patient in India. To contain anti-microbial resistance, the office has been advising the supply chain system in India to follow strict requirements of Schedule H and H1 for sale of medicines, which are appended below

1. Schedule H : if it contains a substance specified in Schedule H be labelled with the symbol Rx and conspicuously displayed on the left top corner of the label and also be labelled with the following words-
'Schedule H drug- Warning: To be sold by retail on the prescription of a Registered Medical Practitioner only;
2. Schedule H1: - if it contains a drug substance specified in Schedule H1, the drug formulation shall be labelled with the symbol Rx which shall be in red and conspicuously displayed on the left top corner of the label, and also be labelled with the following words in a box with a red border-

"SCHEDULE H1 DRUG, - WARNING;
- It is dangerous to take the preparation except in accordance with the medical advice.
- Not to be sold by retail without the prescription of a Registered Medical Practitioner."

The stakeholders are hereby advised for strict compliance of the requirement of the Drugs & Cosmetics Act and Rules made thereunder by

- (i) Taking strong policy measures including stringent regulatory action on the over the counter (without prescription) sale of high end antibiotics included in the above Schedules.
- (ii) Raising awareness through Consumer Associations about the side effects of taking antibiotics without prescription.


so that the antibiotic microbial resistance could be avoided for patient safety, their well-being and protection of their health


(Dr. G.N. Singh)
Drugs Controller General (India)

To

1. State/UT Drugs Controller
2. Zonal/sub-Zonal offices of CDSCO
3. Pharma/Consumer Associations

NDDB Advisory on non-prescription use of Oxytocin in Bovines


राष्ट्रीय डेरी विकास बोर्ड
National Dairy Development Board

8/55
January 13, 2017
31 JAN 2017

84654
3/2/17

AH:Advisory: 17522

Sub : Advisory on the practice of non-prescription use of oxytocin in cattle and buffaloes.

Dear Sir,

Under the provisions of the Drugs and Cosmetics Act, 1940 Oxytocin has been classified as a prescription drug (Schedule H). No person can purchase the drug without having the requisite prescription from a Registered Medical Practitioner or Registered Veterinarian. The proprietor of the shop selling oxytocin without valid prescription is liable to lose his license as a pharmacist and punishment of up to 5 years in prison.

Use of oxytocin for quick milk let down or milk production enhancement is illegal and amounts to cruelty as per the provisions of Section 12 of the Prevention of Cruelty to Animals Act 1960 with a fine up to Rs. 1,000, or with imprisonment up to 2 years, or both; and the animal on which the operation was performed can be forfeited to the Government.

Being unaware, some farmers are using crude oxytocin available at drug stores or corner shops for quick let down of milk or under the ill-founded belief that its use would enhance the milk yield. However, the animals regularly exposed to oxytocin become habitual to the drug and let down of milk without its administration become difficult. Repeated injections of oxytocin therefore, interfere with normal milk secretory activity of mammary epithelium and inhibits normal ejection reflex. Its repeated use could result in loss both in productive and reproductive performance of animals.

Therefore, we would suggest you to create awareness among farmers regarding the following :

9/25
3/17
Manjunath (P&D)
1 & 2

- Create awareness amongst farmers regarding the adverse effects of repeated use of oxytocin in animals. This would discourage them from following the practice of repeated use oxytocin for regular milk production either for quicker milk let down or ill-founded belief of milk production enhancement.
- Create awareness among farmers about the legal status of non-prescription use of oxytocin and penalties for selling, buying or use of oxytocin without prescription.

Thanking you,

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Yours faithfully,
M. Siddiqui
General Manager (AB)

Managing Director
Kolar - Chikballapur District Coop. Milk Producers Societies Union Ltd
Kolar Dairy Premises
NH 4 Huttur Post
Kolar - 563102 (Karnataka)

उपनिर्देशक
कॉलर डेरी प्रेमिस
NH 4 हुतुर पोस्ट
कोलर - 563102 (कर्नाटक)

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CALENDAR *Of Events*

National Congress of Canine Practice

14th Convention of Indian Society for Advancement of Canine Practice and National Symposium on "Newer Approaches in Management of Canine Health and Rewarding Clinical Practices as well as Trade"

9-11th February 2017, College of Veterinary and Animal Sciences, GBPUAT, Pantnagar, Uttarakand

CVA

19th Asian Regional Meeting of Commonwealth Veterinary Association and International Conference on "Control of Zoonotic Diseases - One Health Initiative"

24-25th February 2017, Veterinary College, KVAFSU, Hassan, Karnataka

IAAVP

XXVI Annual Convention of Indian Association for the Advancement of Veterinary Parasitology (IAAVP) and International Symposium on "Current Concepts in Diagnosis and Control of Parasitic Diseases to combat climate change"

15-17th February 2017, Veterinary College, KVAFSU, Shivamogga, Karnataka

ISVIB

XXIII Annual Convention of Indian Society for Veterinary Immunology and Biotechnology and International Conference on 'Challenges in Livestock and Poultry Production—Solution with Biotechnology'

6-8th April 2017, Krantisinh Nana Patil College of Veterinary Science, MAFSU, Shirwal, Maharashtra

ISVM

35th Annual Convention of ISVM and National Symposium on "Innovative Techniques, Emerging Issues and Advancement in Veterinary Medicine to meet the Challenges: Present and The Future"

22-24th February 2017, at VCRI, TANUVAS, Tirunelveli, Tamil Nadu

IAAVR

17th Indian Veterinary Congress, XV Annual Conference of IAAVR and National Symposium on "New Generation Vaccines, Diagnostics for Improvement of Animal & Poultry Health and Productivity vis-a-vis Genomic Intervention for the societal benefit"

8-9th April 2017, IVRI, Bareilly, Uttar Pradesh

**We invite interested members to be part of
INFAH Connect team as Zonal Coordinators.**



Interested members are requested to
write back to us at: infahconnect@infah.org



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