
**Brakke Consulting's
Animal Health News & Notes for December 31, 2015**
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**ANIMAL HEALTH NEWS & NOTES CELEBRATES
16 YEARS OF INDUSTRY NEWS**

We hope each of you has had a successful and prosperous 2015, and that 2016 will be full of new opportunities for you and your companies. Thanks to our many clients for utilizing our services during the year and making 2015 another successful year for Brakke Consulting.

In this last newsletter of 2015, we've listed some of the key events that occurred during the year for your review and files. Yes, it's been a busy year and we see more of the same in 2016. Remember, be careful whose shoes you are stepping on because you might be polishing them next year. Enjoy the eggnog!

Ron Brakke

BRAKKE CONSULTING, INC.
Serving the Worldwide Animal Health and Pet Care Industries

Providing a complete range of consulting services, including:

- > **INFORMATION:** Industry insights, data, market research, competitive intelligence
- > **RECRUITING:** Executive Search, AnimalHealthJobs.com
- > **TRANSACTIONS:** Merger, acquisition, divestiture, licensing, due diligence
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Brakke Consulting, Inc.

- headquartered in Dallas, Texas
- US offices in Chicago, St. Louis, Kansas City, Omaha, and Kerrville, Texas

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Selected news events from the past 12 months of Animal Health News & Notes

ACQUISITIONS, MERGERS, NEW COMPANIES:

December

- Boehringer Ingelheim enters exclusive negotiations to acquire Merial in a business swap with Sanofi
- Central Garden & Pet Company acquires the pet bedding business of National Consumers Outdoors Corp.
- W.F. Young acquires Designing Health, Inc.
- Animalytix acquires Compendium of Veterinary Products
- Spotlight Innovation forms CDT Veterinary Therapeutics
- British CVS Group acquires Albavet Group and The Pet Crematorium
- Elanco India acquires Novartis India animal health assets

- Nutreco acquires Micronutrients from Heritage Group
- Multipet acquires Tuff Enuff Pet Products and Old Mill Pet Products
- Outward Hound acquires Petstages
- Cargill acquires Format International
- Benchmark Holdings acquires Dutch INVE Aquaculture
- Sumitomo Corp. acquires 25% stake in Chinese Shandong Sinder Technology
- Land O'Lakes launches PMI Nutritional Additives business

November

- Zoetis acquires Pharmaq
- Henry Schein acquires majority interest in Vetstreet
- Merck acquires Harrisvaccines
- Heska acquires Cuattro Veterinary LLC
- Alltech acquires Masterfeeds Inc.
- Hi-Pro Feeds acquires Champion Feed Services
- InVivo acquires Indonesian company Welgro
- Cortec Group acquires Community Veterinary Partners
- Canada Pension Plan Investment Board and CVC Capital Partners acquire Petco Animal Supplies
- Alivira Animal Health acquires Turkish TOPKiM

October

- Novozymes acquires Pacific Vet Group-USA
- Mars acquires BluePearl Veterinary Partners
- AB Neo acquires Czech company Bodit Tachov
- Muntech Products acquires the assets of Natural Chemistry's pet division
- Outward Hound acquires Nina Ottosson Puzzle Games & Toys
- GHO Capital acquires DNA Diagnostics (DDC)
- Oasmia Pharmaceuticals launches IPO

September

- MWI acquires UK company Vetwest Limited
- Animart acquires Animal Medic
- Perdue acquires Natural Food Holdings
- Vireo Systems acquires Rejuvenate Plus

August

- Dechra acquires 63% of Croatian company Genera d.d.
- Cargill acquires EWOS
- Neogen acquires UK company Lab M Holdings
- IDT Biologika acquires Canadian company Gallant Custom Laboratories
- Alivira acquires the animal health business of Lyka Exports

July

- Sexing Technologies acquires Fast Genetics swine genetics from HyLife
- Quaker Pet and Worldwide announced a merger
- Alltech acquires Norwegian companies Probus AS and Probus Aqua AS
- Pestell Minerals and Ingredients acquires Nutritional Feed Additives
- Nestle Purina PetCare acquires Merrick Pet Care
- Scynexis acquires the assets of Avista Pharma Solutions contract R&D services business
- Zoetis acquires Canadian company KL Products Inc.

June

- Neogen acquires Sterling Test House
- Cargill acquires a majority stake in Turkish Ekol Gida

- Quadrant Private Equity acquires Australian V.I.P. Petfoods
- Ethical Products acquires BF Treat Company
- Chuck Latham Associates acquires Tomas Sales and Burns and Associates manufacturer rep firms
- Spectrum Brands completes acquisition of Procter & Gamble's European pet food business
- PrimeGen Biotech launches VetCell Therapeutics subsidiary for developing stem cell therapies
- Henry Schein acquires a majority stake in Scandinavian Jorgen Kruuse
- JBS S.A. acquires Moy Park from Marfrig Global Foods
- JBS USA acquires Cargill's US-based pork business

May

- Patterson acquires Animal Health International
- Cannabis Science acquires Equi-Pharm
- Jaguar Animal Health launches IPO

April

- Animal Supply Company acquires Wilson Pet Supply
- Pamplona Capital Management acquires European Partner in Pet Food
- Pet Valu acquires Jack's Pets and its online outlet PetSolutions.com
- Animal Supply Company acquires Coast Pet Distributors
- Alltech acquires Ridley Inc.
- Roark Capital Partners acquires Pet Supermarket
- UBM plc acquires Advanstar
- Nuscience Group acquires Brazilian Nutrifarma

March

- Petnet acquires SlimDoggy
- Clongen Labs launches a veterinary diagnostic services division
- Dogswell acquires Natural American Pet Products and Natural Life Pet Products
- VCA acquires Abaxis Veterinary Reference Lab assets
- Himalayan Corp acquires Leanlix
- WF Young acquires Leather Therapy brand from Unicorn Editions

February

- J.M. Smucker acquires Big Heart Pet Brands
- NexVet Biopharma launches IPO
- Benchmark Holdings acquires Improve International Ltd
- Zoetis completes acquisition of Abbott
- Pet Food Experts acquires Northpoint Trading Co.
- Vaxin acquires Immune Targeting Systems
- Oculus Innovative Sciences launches animal healthcare division
- Prospect Partners acquires Animal Emergency Specialty Center and launches Innovative Petcare subsidiary

January

- Ontario Teachers Pension Plan acquires PetVet Care Centers from Catterton Partners
- AmerisourceBergen acquires MWI
- Henry Schein acquires scil animal care company GmbH
- Spectrum Brands acquires Salix Animal Health
- Whistle acquires Tagg Pet Tracker GPS System

PRODUCT LAUNCHES, APPROVALS, LICENSING DEALS:

December

- Orion receives FDA approval for Sileo (dexmedetomidine) oromucosal gel for use in dogs
- Midmark launches VePro CR Digital Dental Radiography Reader
- EirGen Pharma receives MUMS designation for chlorambucil for treatment of chronic lymphocytic leukemia in dogs
- Rhizen Pharmaceutical receives MUMS designation for RV1001 for treatment of lymphoma in dogs
- Veiove Animal Health receives MUMS designation for Substance P & Saporin for the control of pain associated with bone cancer in dogs
- Assisi Research Laboratories receives MUMS designation for asparaginase for the induction of remission of multicentric lymphoma in dogs
- PetSmart launches Only Natural Pet brand paleo-inspired pet foods

November

- Merck receives FDA approval for Safe-Guard AquaSol (fenbendazole) for chickens
- Standard Process Veterinary Formulas launches VF Thymex supplement
- Kinetic Vet launches Equishield SB sunblock for horses
- Kinetic Vet launches the Dermal Diagnostic Kit
- Zoetis receives conditional USDA approval for Canine Influenza Vaccine H3N2, Killed Virus
- Merck receives conditional USDA approval for Canine Influenza Vaccine H3N2

October

- Bimeda launches Tylosin Tartrate Soluble Powder for use in poultry, swine and honeybees
- Elanco launches Onsior (robenacoxib) injectable for use in cats
- Kinetic Vet launches Kera-Mend Hoof Dressing
- Neutricks launches Neutricks Soft Chews
- AniCell Biotech launches the EquusCell brand of regenerative products for horses
- Zoetis launches Lepto EQ Innovator vaccine
- Elanco launches Interceptor Plus (milbemycin/praziquantel)
- Bayer launches Tolfenpro Insecticide ear tag for cattle
- Nutramax Labs launches Solliquin Behavioral Health Supplement for dogs and cats

September

- Zoetis receives FDA approval for Lutalyse HighCon Injection (dinoprost) for cattle
- Novartis/Elanco receives FDA approval for Onsior (robenacoxib) injectable for cats
- Greenies launches a veterinary-exclusive reformulation of Greenies chews
- VitamFero announces licensing agreement with Bioproperties
- Vet24seven launches PetCheck in-home service for pet owners
- Merial launches Avinew NeO effervescent tablet vaccine for Newcastle disease in poultry
- Kinetic Vet launches Compass (sodium hyaluronate/PSGAG) solution
- Ralco launches Strong Animals product line for the dairy industry
- Merck launches Porcilis Ileitis swine vaccine
- Thermo Fisher Scientific launches the VetMAX-Gold SIV subtyping kit
- Blue Buffalo launches BLUE Natural Veterinary Diets
- Master Vet Products launches the Smart Rabies Tag for dogs and cats
- Bayer receives FDA approval for Claro (florfenicol/terbinafine/mometasone) Otic Solution
- Tomlyn launches Pre & Probiotic supplements for cats and dogs
- Gour Medical announces development and supply agreement with Solmic Research for cannabidiol products for veterinary use

August

- Zoetis receives a conditional USDA license for Canine Atopic Dermatitis Immunotherapeutic
- Elanco launches Osurnia (florfenicol/terbinafine/betamethasone) otitis treatment

- Norbrook receives FDA approval for Norfenicol (generic florfenicol) for use in cattle
- Akorn Animal Health receives FDA approval for generic Neomycin/Polymyxin B/Bacitracin Zinc Ophthalmic Ointment for use in dogs and cats
- Orkeo USA receives FDA approval for Loncor 300 (generic florfenicol) for use in cattle
- Silver Lake Research launches RapidBac Vet diagnostic for detection of bacteria in urine
- Bayer launches Zelnate immunostimulant for cattle
- Veterinary Products Laboratories launches Duralactin Feline + Fatty Acids Soft Chews
- VetriScience launches HepatiClearPro liver support supplement
- Zoetis launches Fostera PCV MetaStim vaccine
- Natura Petz Organics launches a line of eight organic supplements for dogs and cats

July

- Vetoquinol launches Pro-Pectalin water soluble formula
- Nexvet and Zenoaq announce R&D collaboration to develop therapeutic biologics for immuno-oncology and allergy/inflammation
- Quality Liquid Feeds and Archer Daniels Midland announce 50-50 JV to produce and market liquid feed supplements for livestock
- Voyce launches Voyce Pro veterinary health monitor collar
- IDEXX launches SNAP Lepto Test for dogs
- Norbrook receives FDA approval for Enroflox 100 (generic enrofloxacin) for single-dose treatment of bovine respiratory disease
- Putney receives FDA approval for its generic Thiabendazole, Dexamethasone, Neomycin Sulfate Solution
- Heska launches the Element i Immunodiagnostic Analyzer
- Pet King Brands launches Zymox Equine Defense line of products

June

- Zoetis licenses Trophogen's recombinant modified bovine FSH analog
- Elanco receives FDA approval for Kavault (avilamycin) medicated feed article for use in pigs
- Vetoquinol launches Zylkene Equine supplement for behavior management
- Pacific Vet Group launches FloraStart C probiotic for broiler chicks
- Boehringer Ingelheim Vetmedica launches quantitative PCR test for Lawsonia ileitis
- Marshall Pet Products launches Earth's Balance Advanced Hydrogel Wound and Skin Care
- Elanco licenses Actinobac Biomed's Leukothera for use in food animals and companion animals
- Nestle Purina launches Purina Pro Plan Veterinary Diets EN Gastroenteric Naturals canine and feline formulas
- Ark Animal Health receives MUMS designation for resiniferatoxin for treating pain associated with osteosarcoma in dogs
- Bayer receives FDA approval for Coraxis (moxidectin) for topical use in dogs
- Suneris launches Vetigel anticoagulant

May

- Perrigo launches PetArmor Joint Health Maximum supplement for dogs
- WG Critical Care launches Quartermaster Suspension for cattle
- IDEXX launches an H3N2 Canine Influenza Virus RealPCR Test
- Mars Veterinary and Genoscooper Labs announce a partnership for DNA testing in dogs
- Aratana Therapeutics and Traverse Biosciences announce an agreement to develop Traverse's treatment for periodontal disease in dogs and cats
- Zoetis licenses Affymetrix's technology for its cattle and sheep genomics products
- Ceva receives FDA approval for generic altrenogest solution for use in swine
- Norbrook Labs receives FDA approval for Loxicom (meloxicam) oral suspension for use in dogs
- DermaZoo Pharma launches GlycOat Shampoo and Conditioning Spray
- Zoetis launches Aureomix S medicated feed additive
- Bimeda launches LevaMed Soluble Pig Wormer
- Nutramax Labs launches Marin Plus liver health supplement for dogs

- Nexcyon Pharmaceuticals receives MUMS designation for ACTH 1-24 injectable

April

- Bimeda launches Flunazine (flunixin meglumine) Equine Paste
- Putney receives FDA approval for generic Tiletamine-Zolazepam injectable for use in dogs and cats
- Aspen Veterinary Resources launches Vetameg (flunixin meglumine) Equine Paste
- Assisi Animal Health launches Assisi Loop 2.0
- Purina Animal Nutrition launches Purina Dry Cow and Purina Pre-Fresh Programs
- Hill's launches Prescription Diet c/d Multicare Canine for urinary stones
- Innovacyn launches Vetericyn Plus wound care products for dairy and beef cattle
- Oculus launches MicrocynAH Farm and Ranch Spray and Hydrogel
- Virbac launches EctoAdvance Plus spot-on with fipronil and s-methoprene
- VetriScience launches GI Balance Pro and L-Lysine Pro supplements
- Kinetic Vet launches Equishield IBH wipes and Equishield CK wipes
- Hill's launches Prescription Diet Metabolic + Mobility Canine and Metabolic + Urinary Feline diets
- Vetrimax launches Command Shampoo

March

- Perrigo launches Sentry Fiproguard Plus spot-on ((s)-methoprene and fipronil)
- Perrigo launches Sentry Soft & Chewy Supplements
- Vets Plus launches Probios yogurt soft chew supplements and Dental Sticks probiotic supplements for dogs and horses
- Abaxis receives USDA approval for its VetScan Anaplasma Rapid Test Kit
- Hill's launches Ideal Balance Crafted dog and cat foods
- Merial receives a conditional license from the USDA for Feline Interleukin-2 Immunomodulator for treating feline fibrosarcomas
- Merial licenses rights to evaluate Valneva's EB66 vaccine cell line platform for production of veterinary vaccines
- Boehringer Ingelheim Vetmedica receives a conditional license from the USDA for equine pigeon fever (corynebacterium pseudotuberculosis) vaccine
- Ceva launches Feliway Multicat pheromone
- Dechra launches Levocrine Chewable Tablets
- Standard Process launches VF Bio-Dent nutritional supplement to support pet oral health
- AgriLabs and Addison Biological Labs launch Moraxella boxis and Strep. Uberis mastitis vaccines
- Boehringer Ingelheim Vetmedica and ARTES Biotechnology announce a collaboration to develop vaccines
- TruRx launches PetAction Plus spot-on with fipronil and s-methoprene

February

- Luitpold receives FDA approval for BetaVet (betamethasone) intra-articular injection for use in horses
- Akorn receives FDA approval for generic Gentamycin Sulfate Ophthalmic Solution for use in dogs and cats
- Piedmont AH receives FDA approval for advantus (imidacloprid) chewable tablet for use in dogs
- Phibro launches GemStone organic trace minerals
- IDEXX launches Somaticell SCC on-farm test for somatic cell counts in raw milk
- Assisi Research Labs receives MUMS designation for asparaginase for lymphoma in dogs
- Infiniti Medical launches ALICAM ambulatory light-based imaging for the canine gastrointestinal tract
- IDEXX launches CardioPet ECG Device
- IDEXX launches swine enteric coronavirus RealPCR reagents
- Vets Plus launches Smart Fido and Smart Kitty supplements

January

- Ceva launches Tildren (tiludronate) for navicular syndrome in horses
- Abbott launches Simbadol (buprenorphine 24-hour) injectable for use in cats
- Norbrook launches Carprieve generic injectable carprofen for use in dogs
- Bimeda launches LevaMed Soluble Drench Powder for oral use in cattle and sheep
- Vetimmune launches Polyprenyl Immunostimulant oral liquid for cats with rhinotracheitis
- Nutramax Labs launches Dasuquin Advanced Joint Supplement for Dogs
- Putney receives FDA approval for generic Enrofloxacin injectable solution
- Agrilabs launches reformulated Colostrx
- Aratana Therapeutics receives full USDA licensure for AT-004 monoclonal antibody for treating B-cell lymphoma in dogs
- Elanco re-launches Interceptor (milbemycin) Flavor Tabs
- Neogen launches Prima Marc BMV device for injecting and marking large animals
- Abaxis receives USDA approval for its VetScan FeLV-FIV Rapid Test Kit
- VetBiotek licenses veterinary channel rights to MicroSilver BG from Bio-Gate AG
- Neogen GeneSeek launches a new line of Igenity DNA profiles for cattle

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