

## [Gentec News for Academia August 2016](#)

In this Edition:

Miglior and Steele are 2016 Cdn Society of Animal Science award-winning scientists. - Everestus Akanno won a competitive travel award to attend the ISAG conference based on his abstract submission titled "Accuracy of genome-wide predictions of heterosis in beef cattle using 50K genotypes."- MITACS, ALMA and Topigs Norsvin are funding a project led by Gentec CEO Graham Plastow – readings: future FAANG activities, Farm Credit Canada feed efficiency, John Basarab and Gentec partner GrowSafe and a project led by Gentec partners Miglior and Barkema. - Gentec conference “Livestock Production: Managing in a Time of Unprecedented Change.”- Miglior of CDN and Stothard of LG recently won a \$10 million contract from Genome Canada - summaries and take-away messages from those events. - complete online global survey - What does it take to identify a gene-doped athlete? - Share your passion with high-school students

## [Gentec News for Industry and Researcher July 2016](#)

In this Edition:

CBBC and Gentec win \$1 million federal investment for genotyping. This new project will match dollar for dollar every \$1 producers spend on genotyping in an effort to encourage adoption of this technology - Events roundup. The inaugural Canadian Beef Industry Conference--a joint collaboration by the Beef Cattle Research Council, Canada Beef, the Canadian Beef Breeds Council and the Canadian Cattlemen’s Association--will take place on August 9-11, 2016 at the Grey Eagle Resort and Casino in Calgary. The program will include keynote speakers on connectivity, productivity, beef demand and competitiveness. - The 2nd Annual Gentec Field Day will be held on July 20, 2015 at the Roy Berg Kinsella Research Ranch.- Videos: PigGen speakers at Banff Pork Seminar. If you couldn't attend on-site, watch the presentations - Former "Mizzou" students Barry and Marge Slayton made a US\$2.65 million donation to their alma mater to support increasingly important research in beef genomics. - If you want consumers to keep paying premium prices to eat beef as a luxury protein, it's important to understand the numbers behind the value associated with it. It's also important to build the value of the animal throughout its lifespan through good husbandry and practices--starting with genomics. - A new study shows that, to make up for lost yield, 102,000 hectares of US forest and pasture would have to be converted to cropland if American farmers stopped using GMO seeds/plants.

## [Gentec News for Consumers June 2016](#)

In this Edition:

Consumers get what consumers want? Gentec researcher Ellen Goddard writes that "antibiotic-free" means different things to different people. - Annual Field Day highlights the Kinsella Research Project. - Laser beams and breathalyzers: Not your grandfather's farm machinery- A healthy microbiome could reduce dependence on antibiotics. Gentec-associated researcher, Ben Willing, explains how pathogens don't do well in a healthy gut.- "Grolar" bear possibly discovered in Nunavut - Our broken food supply system. This article focuses on the bigger picture of the future of food supply and what it might look like. - Earls restaurant, the "Certified Humane" brand and the ensuing maelstrom - Reading between the lines: What does "Certified Humane" really mean? What is "ethical"? What is not? - Video: antimicrobial resistanceDr. Reynold Bergen provides a fact-filled background to the use of antibiotics in livestock production. - Look, Ma, no horns!- The lighter side - Technology and the genome - Care requirements may increase in US organic production. - DNA testing reduces food fraud in the seafood sector.

### [Gentec News for Academia May 2016](#)

In this Edition:

Kinsella Field Day focuses on current projects at Kinsella undertaken by Gentec partners; Conference Video: Frank van der Meer, Assistant Professor at the University of Calgary's School of Veterinary Medicine; Catch up on your reading; Classrooms, cow pee, DNA: it's all education; scientist profile: Small start-up: Bright future; Amber Dobson summarizes Day Two and the key take-away messages of a lively Livestock Care Conference; Funding Opportunity, Kudos Ou Wang, Congratulations to [Dr. Masahito Oba](#) and the UAlberta team (Melanie Boros, Casey Morey, Kathleen Murphy, and Sarah Pletts) who won second place at the [2016 North American Intercollegiate Dairy Challenge](#). Getting "social" at the Western Canadian Dairy Conference; Volunteer before somebody volunteers you; Gentec researcher dips into the carbon pool; McDonald's Sustainable Beef Pilot project demonstrates the value of beef and genomics ; Agriculture is a smart career choice in the UK

### [Gentec News for Industry and Ranchers April 2016](#)

In this Edition:

CBBC and Gentec win \$1 million federal investment for genotyping - Gentec conference video: Andrew Powell - Gene Editing: A glimpse into the future of agriculture - The Roslin Institute's Bruce Whitelaw talks about what gene editing means for agriculture, health, consumers and producers. - The inaugural Canadian Beef Industry Conference--a joint collaboration by the Beef Cattle Research Council, Canada Beef, the Canadian Beef Breeds Council and the Canadian Cattlemen's Association--will take place on August 9-11, 2016 at the Grey Eagle Resort and Casino in Calgary. - The 2nd Annual Gentec Field Day will be held on July 20, 2015 at the Roy Berg Kinsella Research Ranch. Watch for more details. - PigGen speakers at Banff Pork Seminar

- Former "Mizzou" students Barry and Marge Slayton made a US\$2.65 million donation to their alma mater to support increasingly important research in beef genomics- Antimicrobial resistance: Anything but straightforward - Understanding the carnivore consumer - Playing devil's advocate.

### [Gentec News for Consumers March 2016](#)

In this Edition:

The intersection between human and animal welfare - The latest research tells us that shared values far outweigh facts when it comes to building trust in today's world. -Genome Alberta blogs focus on Gentec research- Gentec associates Mary De Pauw, Paul Stothard and Flippo Miglior are also featured in a blog on a new Genome Alberta-funded project. - Conference Video: Cory Van Groningen - Gentec rides the genomics wave with the Canadian Simmental Association (CSA). Gentec associate Steve Miller was the scientific lead of a CSA project that identified traits that produce superior quality beef. - Feed-efficient cows good for the planet - There are other ways of reducing emissions from cows. Modern Farmer lists six of them.

### [Gentec News for Academia February 2016](#)

In this Edition:

Ben Willing manipulates diet and the microbial populations that make up the gut microbiota to see how these can improve human health and animal productivity. - Conference reports: Banff Pork Seminar and PAG - Gentec associate Mike Dyke on genomics and how it relates to pig health. - A look at Brazil's pork industry, courtesy of Cinara Batista from the Brazilian Association of Animal Protein- Maple Leaf CEO shares strong views on the future of the Canadian pig industry. - Gentec's Tianfu Yang attended the Plant and Animal Genome Conference XXIV in San Diego. - Banff Pork Seminar, Gentec CEO Graham Plastow warned delegates of the high cost to production of sick and dead pigs--that could be fixed by using genomics to select for health. - Feed efficiency vs. methane production in dairy cows- Gentec collaborating with the Canadian Dairy Network's and Genome Canada project lead, Dr. Filippo Miglior on the \$10.3 million project aimed at "Increasing Feed Efficiency and Reducing Methane Emissions Through Genomics." - Following the success of our two Cattlemen's Young Leaders speakers at our 2015 conference we've decided to make this a standing feature for future events. - Animal agriculture and the importance of agnostic governance of biotechnology in BioMedCentral. Alison L. Van Eenennaam writes about regulating food made from animals developed with biotechnology.- Agricultural Genomics: Commercial Applications Bring Increased Basic Research Power in PLOS Genetics. Jared Decker looks back at the success of genomic selection in the dairy sector, at the value of large - Looking for genetic answers in PRRS fight in National Hog Farmer. - Genome Alberta picked it as one of its top three genomics stories of 2015. You'll have to listen to the podcast to find out what the others are. - Genome-wide association studies (GWAS) are now at the heart of a controversy. Food of the future: Methane-eating bacteria.

### [Gentec News for Industry and Ranchers January 2016](#)

### In this Edition:

Gentec conference survey results are in. Gentec's conference scores high.-International Week at UofA to find out how livestock will contribute to meeting the UN's Sustainable Development Goal - The new National Beef Strategy is about positioning the Canadian beef industry for greater profitability, growth and continued production of a high quality beef product of choice. A new video highlights the Strategy's four pillars and goals, and the importance of producer investment to undertake priority policy, research and marketing activities. - Arno Doerksen has been collaborating with the University of Alberta and Gentec to stay on the cutting edge of genomics technology and gain that all-important economic advantage. - Michelle Miller (Delta Genomics) discusses how genotyping works, how parents are matched to progeny and how much it costs. - Stewart Cressman, Director of Swine Innovation Porc, talks to Gentec about how the industry collaborates to leverage funding and research opportunities. - From tracking cows and Peruvian asparagus to monitoring harmful algae blooms, satellites offer valuable information to help the food industry become more efficient. - Genetic improvement provides permanent benefits throughout the beef value chain but coordination is difficult, and signals on what is valuable are inconsistent. Costs are incurred immediately and unevenly shared, benefits occur in the future. - One of the most highly rated presentations was on the importance of delivering sustainable beef. This session featured Jeff Fitzpatrick-Stilwell of McDonald' outlining the importance of getting in front of this issue because if today's millennial consumers decide that your brand does not reflect their values they will drop it forever (hence McDonald's Canadian sustainable beef pilot project). Alberta beef producers Morgan Chattaway and Stuart Thiessen discuss their operations, their reasons for and experiences of participating in the program, followed by a panel discussion on questions. See Stuart and Morgan's two-minute summary or an edited version of the presentation in two parts (McDonald's and Stuart, Morgan and the panel discussion. - Vaccines to replace livestock antibiotics by 2030

A report from New Zealand predicts that the country's meat exports will grow by switching to vaccines. Find out more. Could Canada do the same?- Gentec's Jackson Mah organized the group's participation in JCI Edmonton's holiday hamper program. Gentec and Delta raised enough to provide a family of nine with gifts and food for the holiday season. - Gentec researcher examines factors affecting fat tissue in cattle. - Gentec's Leluo Guan tested cattle of varying ages and fed different diets to identify regulatory mechanisms that influence bovine fat tissue metabolism. - New study rewrites genetic history of sheep. The DNA of contemporary sheep can now be read like a historical record, allowing researchers to look back 10,000 years to when humans first started herding these animals in the Fertile Crescent of the Middle East. - Alberta's cattle industry transitions to SNP technology for genomic testing Genomic profiling uses SNP technology through low- or high-density panels to identify desirable animal traits . This same technology can also verify parentage with only 120 markers. - Gene-edited pigs protected from PRRS. Researchers from the University of Missouri, Kansas State University and former Gentec partner, Genus plc, have bred pigs that are not harmed by PRRS. Stay tuned for the Gentec side of this story next month. - Sustainability is a new buzzword that people interpret differently depending on their personal perspective. The lighter side: explaining the world's economy using two cows - Need help understanding the world economy? Lasse Lien has done a fun job of breaking down economic models using just two cows.

## [Gentec News for Consumers November 2015](#)

In this Edition: Professor of animal science at Colorado State University, animal behaviourist, Temple Grandin has just won the "web's highest honour"--a Webby Award. - Gentec's Tom Lynch-Staunton has won a coveted seat on the Edmonton Food Council as did Heather Shewchuk, who is a Gentec partner in her role as Director of Agriculture at Northlands. - Chipotle has chosen to go GMO-free for all its ingredients. McDonalds prefers sustainability when it comes to sourcing beef. - Jon Entine rails against the misinformation and misunderstanding of genetics/genomics that leads people to consider any advancement in breeding to result in "Frankencows." - Are we too fast to turn to technology instead of considering other, simpler answers first? Are technology-led developments like killing a fly with a nuclear bomb? - The Enviropig might be one example. Producing phytase in pigs improved nutrition and reduced pollution, making it a "consumer-friendly" trait to seek out. . - The UN Food and Agriculture Organisation has released its latest infographic summarizing what the world eats. The good news is that, in spite of the huge wastage of food, everybody has access to more calories. - The 2015 Overview of the Canadian Agriculture and Agri-Food System presents some shocking facts about food waste and loss. - University of Florida researcher Joy Rumble recently assessed the perceptions, attitudes and knowledge of genetically modified foods of Floridians. - Gentec invites you to a field day of 'Innovation in Action: Opportunities in Livestock Production' at the AAFC Lacombe Research Centre on August 19, 2015. The event will feature emerging technologies in beef and pork production. - Today, we report that scientists have made all sorts of progress on "beef" patties. - Not to be outdone, the chicken industry is creating muscle tissue in the lab that will be like breast meat, not the shredded material in burgers. - COOL costs \$2.6 billion a year to implement in the US. While consumers may want to know where their food comes from, the USDA is not convinced that consumers will buy home-produced goods. "At Gentec, we're researching the benefits of COOL in Canada," says CEO Graham Plastow. "It may turn out to be one of those nice-to-have things that simply costs too much to provide." - In other COOL news, the World Trade Organization (WTO) issued a final ruling confirming that US mandatory COOL labelling discriminates against imports of Canadian cattle and pigs. The ruling ends the eight-year legal battle initiated by the Canadian Cattlemen's Association challenging the law for violating the US's international trade obligations. - Calvin Daniels explains why, in spite of genetic advances and modern production practices, rare breeds still have their value.

## [Gentec News for Academia October 2015](#)

In this Edition:

Another successful Gentec conference - This year's conference had something for everybody, including lots of practical advice to apply back home. - Delta Genomics expands its services. Delta's new partnership with the Canadian Livestock Records Corporation (CLRC) will give more breeds access to genomics technologies and safeguard the integrity of pedigree livestock. - ALES receives gift of unique cattle herd. Former Senator Dan Hays has donated his herd of Hays Converter cattle, the breed he and his father developed, to the Faculty of Agricultural, Life and Environmental Sciences. - PEDV entered the US in shipping-container sacks- Michelle Miller (Delta Genomics) will discuss how genotyping works, how parents are matched to progeny and

how much it costs. Using 2014 parentage results from steer calves born at the Western Beef Development Centre, Kathy Larson will explain how this technology can support producers in making decisions and increasing their bottom-line. -Red meat: Good, bad or ugly? - Gentec CEO Graham Plastow comments, "It's all about dosage. So the practical answer probably lies somewhere in the middle—everything in moderation, including moderation." - Cattlemen's Young Leaders speak up at Gentec conference- Elizabeth Homerosky and Ellen Crane, two Cattlemen's Young Leaders, were invited to present their research at Gentec's conference earlier this month.- An article co-authored by Gentec associate John Basarab was published in the September 2015 edition of the highly regarded journal *Animal*, and selected as "Article of the Month." The article is titled "Animal board invited review: Genetic possibilities to reduce enteric methane emissions from ruminants" - Gentec associates (Paul Stothard, Xiaoping Liao) and its founding CEO (Stephen Moore) published "Harnessing cross-species alignment to discover SNPs and generate a draft genome sequence of a bighorn sheep (*Ovis canadensis*)" in another highly regarded journal: *BMC Genomics*. - Manitoba invests in two beef research farms- Young researcher: Angela Canovas - Dutch breeders and scientists have recreated (a la Jurassic Park) the once-extinct auroch to preserve the landscape in the Czech Republic. Read more.

### **[Gentec News for Industry and Ranchers October 2015](#)**

In this Edition:

Livestock Gentec conference not to be missed! This is THE livestock conference for producers and researchers in Western Canada. Everything you need to know about traceability, sustainability, genetic - Tom Lynch-Staunton moves onward and forward. Tom Lynch-Staunton will be joining the Canadian Cattlemen's Association as Issues Manager in October. He will also work with Alberta Beef Producers on government relations, which is synergistic to the CCA's issues management portfolio.mprovement and more as it relates to beef production. -Partner profile: Affymetrix- Feed efficiency: pasture vs. feedlot- Gentec rancher practises what he preaches. Gentec works to select pigs for resilience to disease. Gentec CEO Graham Plastow explains "resilience" and how it relates to a research project on behalf of [Swine Innovation Porc](#). - ALES and the Old Country Fair- Gentec team working to save \$100/cow/year through feed efficiency- No McDonald's without Canadian farmers- 8 Apps For Ranchers Recommended By Ranchers

### **[Gentec News for Academia and Ranchers August 2015](#)**

In this Edition: Genome Canada has just announced the winners of its 2014 competition on "Feeding the Future." - Congratulations to Michael Dyck, UAlberta; John Harding, USask; Bob Kemp, PigGen Canada Inc. for the project "Application of genomics to improve disease resilience and sustainability in pork production" and to Filippo Miglior, UGuelph; Paul Stothard, UAlberta for the project "Increasing feed efficiency and reducing methane emissions through genomics: A new promising goal for the Canadian dairy industry." - Collaboration with Olds College ends in success. - Cow criminals. Quebec police report that a gang of cows on the run vandalized a BMW in Val-des-Monts. - Christine Baes talks about her career path from Guelph to Europe and back to Guelph. - Stan Blade, Dean of ALES at the University of Alberta, speaks to CTV about the agricultural disaster caused by the lack of rain in Alberta, mitigation strategies

and future outlook for crops and livestock. - Dr. Bob Church was awarded an honorary Doctor of Science degree at a special ALES convocation ceremony-We are proud to announce that Dr. Egan Brockhoff will deliver the keynote address at our Field Day. Dr. Brockhoff's presentation will be on: Livestock Crises: Dealing with the Triad of an Infectious Outbreak, Biosecurity, and Animal Transport: What can be Learned from the PED Outbreak? - Teamwork Recognition Award - New publications from Gentec authors find the Holy Grail of QTN for two traits in livestock - Dominant Red Coat Color in Holstein Cattle Is Associated with a Missense Mutation in the Coatomer Protein Complex, - BIF and ADSA-ASAS Joint Annual Summit - World-class Charolais at Roy Berg Kinsella Ranch

### **[Gentec News for Industry and Ranchers July 2015](#)**

In this Edition: Tail-biting is not the result of aggression and social dominance behaviour. European research partners Simon Turner and Andrea Wilson explain what it really is, and how genomics may hold a solution. - Gentec CEO Graham Plastow welcomes new staff member Dagnachew ("Dan") Hailemariam - Gentec is a truly global endeavour. Staff from all over the world help us see the bigger picture, and find solutions to feeding the world's growing population. - Industry overview: where and how many? - Gentec's Dawn Trautman presents a brief picture of how Canadian hog and beef/dairy farms are evolving. EPDs for RFI - Gentec's Tom Lynch-Staunton takes a quick look at how collaboration helps bring about real change in Canada's beef industry. - New Illumina BovineLD 2.0 BeadChip available - Canada retaliates over COOL labelling - Now, Canada is considering retaliatory measure, possibly in the form of tariffs, say Agriculture Minister Gerry Ritz and Trade Minister Ed Fast. - Price and availability of arrays drives adoption of genomics among breeders. - More and more livestock breeders are using genomics to select for specific traits in their animals. Read more about the roles of GeneSeek and Affymetrix. - GrowSafe, the "Internet of Things," and the way of the future. - Gentec's Dawn Trautman explains what "demand" really means in the livestock industry, and how to juggle potential conflicts. - Gentec invites you to a field day of 'Innovation in Action: Opportunities in Livestock Production' at the AAFC Lacombe Research Centre on August 19, 2015. - Happy 20th Anniversary: Canadian Dairy Network - Michelle Miller, Director of Operations at Delta Genomics completed her MBA. - Tom Lynch-Staunton, Gentec's Director of Industry Relations, has been selected as a mentor in the Cattlemen's Young Leaders Program. - Canada Beef launches a new three-year strategy to build consumer loyalty that focuses on quality, sustainability and products, and better reflects industry cycles. - Larry Corah, VP Supply Development for Certified Angus Beef explains the conditions that are providing an opportunity for Canadian producers. - "If you're going to milk cows, you may as well milk good ones. - Euthanizing pigs on-farm: how-to.

### **[Gentec News for Consumers June 2015](#)**

In this Edition: Temple Grandin in the news: Professor of animal science at Colorado State University, Temple Grandin has just won the "web's highest honour"--a Webby Award. - Kudos: Gentec's Tom Lynch-Staunton has won a coveted seat on the Edmonton Food Council - Two fast-food companies: two approaches: Chipotle has chosen to go GMO-free for all its ingredients. McDonalds prefers sustainability when it comes to sourcing beef. - Science, misinformation and the god called Technology: the misinformation and misunderstanding of

genetics/genomics that leads people to consider any advancement in breeding - Then there's something called gene editing. - The Enviropig might be one example. Producing phytase in pigs improved nutrition and reduced pollution, making it a "consumer-friendly" trait to seek out. - So what DO we eat?- Wasted food: the original sin? The 2015 Overview of the CA and AFS presents some shocking facts about food waste and loss. - What do consumers (American and Canadian) think about genetically modified food?- Save the date! 'Innovation in Action: Opportunities in Livestock Production' at the AAFC Lacombe Research Centre on August 19, 2015. -View the short video that describes events and technologies here.- Not to be outdone, the chicken industry is creating muscle tissue in the lab that will be like breast meat, not the shredded material in burgers. - Country-of-origin-labelling (COOL): not so cool after all - Rare breeds: Calvin Daniels explains why.

### [Gentec News for Academia May 2015](#)

In this Edition: Conference videos to help keep you up-to-date-Key publication [Coordinated international action to accelerate genome-to-phenome with FAANG, the Functional Annotation of Animal Genomes project](#), just published in Genome Biology- Farewell, Steve Bishop - Let's Talk DNA !- Gentec researcher Carolyn Fitzsimmons - Another new genomics professor at UGuelph - We extend a warm welcome to [Dr. Angela Canovas](#) - Gentec Members Meet Famous Hong Kong-Canadian Geneticist - Kudos : Gentec CEO Graham Plastow has been appointed to the [Sponsorship Council](#) of new [Epigentics Network](#) with other distinguished scientists. - Effect of post-weaning residual feed intake classification on grazed grass intake and performance in pregnant beef heifers" by Gentec post-doctoral fellow [Ghader Manafiazar](#) - Genetics and improving the welfare of dairy cattle - Gentec associate [John Crowley](#) is April's (genomics) media darling - Conference report: Alberta Epigenetics Network, annual summit

### [Gentec News for Industry and Ranchers February 2015](#)

In this Edition: VIDEO of the Month [William Torres](#) of [Cattleland Feedyards](#) - What do sugar, vaccines, chicken guts and Delta Genomics have in common? - New Chinese Partner for ALES - Gentec @ Western Canadian Dairy Seminar - Livestock Care Conference Report - New Tool for Seedstock Producers - UAlberta's Mattheis Ranch Permanently Protected - Gentec presents a field day of 'Innovation in Action: Opportunities in Livestock Production' hosted at the AAFC [Lacombe Research Centre](#) - Canada's New National Beef Strategy - Kudos John Harding - Angus Central TV Highlights Gentec - Rogue Dairyman Has Ireland's Best Bull - Update on Proofs for Identical Twins - The Genetics of Resistance to Disease in Dairy Cattle

### [Gentec News for Academia April 2015](#)

In this Edition: Conference videos to help keep you up-to-date Leluo Guan talks about a Genome Canada/Genome Alberta project - Key publication [Coordinated international action to accelerate genome-to-phenome with FAANG, the Functional Annotation of Animal Genomes project](#), just published in Genome Biology. Farewell, Steve Bishop- Let's Talk DNA ! Gentec researcher Carolyn Fitzsimmons spent the morning of April 21 "chatting" online with some pretty smart high-school students about DNA. - Another new genomics professor at UGuelph [Dr. Angela Canovas](#) - Gentec Members Meet Famous Hong Kong-Canadian Geneticist [Dr. Lap-Chee Tsui](#),-

Gentec CEO Graham Plastow has been appointed to the [Sponsorship Council](#) of new [Epigenetics Network](#) - a paper submitted by Ghader Manafiazar has been accepted by Canadian Journal of Animal Science- Genetics and improving the welfare of dairy cattle- Gentec associate [John Crowley](#) is April's (genomics) media darling- Conference report: Alberta Epigenetics Network, annual summit

### [Gentec News for Academia January 2015](#)

In this Edition: Video: The "Most Exciting Presentation" from WCGALP - Conference Report: Plant and Animal Genome XXIII - 2015 Livestock Care Conference - Key Recent Gentec Publications - Sin Up for FAANG - Kudos - A Litter of Piglets and Collaborations - Breeding for Bacon - Beer and Biofuels - Making Big Data Work for Beef - Welcome to Canada Dr. Christine Baes - New Technique Advances Livestock Genomics for Agricultural and Biomedical Uses - Q. Why did the broiler grow so big? - Want to Build a Critter from Scratch? - Dissecting Anti-microbial Resistance Through Genetics

### [Gentec News for Industry 2015](#)

In this Edition: Get Your RFI Curriculum Now - Video of the Month: Jon Beaver - Kudos from Ireland - Gentec Improving the Health of Pigs - Report from the Interbeef Workshop - Cheap Genetics Changes Cattle Breeding - Partner Profile: Alberta Beef Producers - John's Disease: the scourge of cattle herds - Delta Genomics Picks Up Clients - Researcher to Discuss Genetically Modified Animals -Taking the Mystery out of Genomics

### [Gentec News for Consumers November 2014](#)

In this Edition: Video of the month: A&W Talks About Strategy and Guests - Ebola Goes Genomics - Swine Innovation Porc... - GENTEC CEO Graham Plastow Explains Livestock Genomics - Genetically Horn-free bulls = Safer Dairy Herds = Safer Milk - "Made in Alberta" Success at Delta Genomics - Gentec at Northlands Farm Fair - Direct-to-consumer Genetic Testing in Canada: what you need to know - Genomics Helps BC Pharmacists Target the Right Drugs for the Right Patient - Genome Canada Funds Research on the Cheese-aging Process - Google Wants to Store Your Genome

### [Gentec News for Academia Fall 2014](#)

In this Edition: Industry engagement in action - Update from the Beef Value Chain Roundtable - Video of the Month "The Role of Genomics at the Bill and Melinda Gates Foundation" - World Food Day is October 16 - UofA Faculty of ALES kicks off its centennial celebrations - Discovery Day at UofAlberta - What do consumer labels mean? - The US corn belt lights up the world - No more chicken little – Kudos : [Chinyere Ekine-Dzivenu](#) - [John Crowley](#) and [Zhiquan Wang](#) \_

### [Gentec News for Industry Fall 2014](#)

In this Edition: Grading beef: new technology to do old math - University of Calgary, Gentec and genomics capacity in Alberta - Partner Profile: Mike MacNeil at Delta G - Update: Canadian

Roundtable for Sustainable Beef (CRSB) - Entertaining and informing - “B” for Brilliant - From Bakewell through Berg to Basarab - From the podium - Bull of the month: Charolais – Kudos: Dr. Nuria Prieto - Dan Hays, Distinguished Alumni Award winner - Picking a metaphor for your microbiome

### [Gentec News for Consumers Fall 2014](#)

In this Edition: Another successful conference under our belts - The future of the industry - Livestock vs. beef vs. the environment - Meeting consumer expectations: lessons from A&W - Sustainability of raising cattle - Who is managing whom? - Lay backgrounders for media and consumers now available - More on lab-grown meat - Traceability: Gentec’s partners are on the button - Research on dark cutting getting more attention

### [Gentec News for Academia Summer 2014](#)

In this Edition: Last call to register for Gentec’s annual conference in August. - Partner Profile: Genesis “Your success is our success”- MEaTnet: Further Education for the Meat Industry - Industry Collaborates to Help Increase Feed Efficiency through Genomics - Current Trends in Livestock Genomics - 1000 Bulls... Big Results - Hacking the Brain (and Autism) with Gene Machines – Kudos: Ghader Manafiazar, [John Basarab](#).

### [Gentec News for Industry Summer 2014](#)

In this Edition: Have you registered for Gentec’s conference next month? - Beef Cattle Research Council webinar - AARD, Gentec and “The Curriculum” - Bull of the Month: Hereford Remittal Keynote 20X - Feed efficiency studies at the Kinsella Ranch - Canadian Dairy Network on the accuracy of genomic young sires - The Internet of cows and pigs - Enabling the pork sector to adapt to changing consumer demands - A&W and the question of “better beef” - Gentec partner, Cattleland Feedyards, gives some love to the Canadian beef industry

### [Gentec News for Consumers May 2014](#)

In this Edition: We (Gently) Told You So - It’s Not “Just Milk” Any More! - What Is DNA Day? - On the Bright Side of Dark Cuts - Scan Your Steak - Public Discussions: Agriculture and Biotechnology - Lab-grown Meat: An Update

### [Gentec News for Academia Spring 2014](#)

In this Edition: Submissions wanted for UofA Beef and Range Report - True Canadians: Hays Converter cattle - Delta Genomics and Gentec share a milestone event - Career Paths: Aparna Prasad - Call for Partners: Raising pigs without antibiotics - Capstone Presentation: an app to reduce costs of production - SNPchiMp: a database to disentangle the SNPchip jungle in bovine livestock – Kudos: Kajal Devani, [Graham Plastow](#)

### [Gentec News for Industry Spring 2014](#)

In this Edition: Bull of the Month: Holstein, Hanoverhill Starbuck - Partner Profile: Illumina, the great disruptor - Delta Genomics and the magic spine - Another video presentation from Gentec's 2013 conference available online - Gentec attends Canadian Western Dairy Seminar - Presentation of Capstone Projects in April - Gentec expected to benefit from new ag funding opportunities in Alberta

### [Gentec News for Consumers Spring 2014](#)

In this Edition: Livestock's long shadow - Genome sequencing: yesterday, today and tomorrow - The falling price of genome analysis - Antibiotics in meat: pros and cons - Red meat vs. cancer - Agriculture and the Twitter-verse - Tooling producers for the future - Is genetic testing useful?

### [Gentec News for Industry Winter 2014](#)

In this Edition: Gentec partner, GrowSafe Systems, wins major award - Gentec student's thesis work delivers DNA tracking system - Gentec researchers identify the red gene in Holsteins - More food, less land, fewer resources - Bull of the Month—Gelbvieh “Belgrad” - To Err Is Human...

### [Gentec News for Consumers Winter 2014](#)

In this Edition: Partner Profile: BIO - Breathalyzing Cows... - What Makes “Better Beef?” - Ho-Ho-Holiday Message from Gentec

### [Gentec News for Academia FALL 2013](#)

In this Edition: Happy delegates at Gentec's 2013 Conference - The invisible cost of intestinal parasites - Gentec gets a slice of \$14 million funding - TEC Edmonton honours Steve Moore - Partner Profile: PigGen Canada - Gentec scientist wins collaboration/KT/research award - Gentec presents at GGAA - Gentec students win John Prentice Awards - Gentec students win John Prentice Awards

### [Gentec News for Industry WINTER -2 2013](#)

In this Edition: Reminder: Register for Gentec's 4th Annual Conference - Dairy Genetics and Accountability for Results - Partner Profile: Beefbooster - What Makes Missy the World's Most Valuable Cow? - Bull of the Month—Signal, Simmental - Gentec Article in Genome - Genomics Videos

### [Gentec News for Consumers FALL 2013](#)

In this Edition: Announcing 2013 Gentec Annual Conference - Partner Profile: Canadian Simmental Association - Cows, Feed-efficiency and Methane - Genomics and the Power to Feed the World - Genomics Videos

### [Gentec News for Industry SPRING 2013](#)

In this Edition: Breed-specific Videos on Adopting Genomics Available - Looking for Industry Partners for New Genome Canada Project - In Conversation with the CBBC - Gentec on the Road - Bull of the Month—Seven Forty Seven, Limousin - The Genetic Origin of Canadian Holsteins

### **[Gentec News for Industry FALL 2012](#)**

In this Edition: Register NOW for the 3rd annual Livestock Gentec conference in Edmonton - SNP marker panels for North American Red Angus breeders

### **[Gentec News for Consumers SPRING 2013](#)**

In this Edition: Your questions, our answers - Enviro-cows - Genome Canada's GE3LS Projects - Food, Science, Sustainability - Food for Thought - Gotta Love Cows!

### **[Gentec News for Academia SPRING 2013](#)**

In this Edition: Help us cure Vitamin A deficiency disorders in developing countries - Gentec and Delta fund undergrad students to attend Dairy Challenge - Cabinet Minister Tony Clement visits Delta Genomics - Major publication by young Gentec researcher - GrowSafe Systems has the gold-standard technology for measuring feed intake - We're no Picassos, but we love to draw!

### **[Gentec News for Academia WINTER 2012-13](#)**

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