

Management Discussion and Analysis
(Expressed in Canadian Dollars)

KANE BIOTECH INC.

Years ended December 31, 2020 and 2019

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Management Discussion and Analysis

The following management discussion and analysis (“MD&A”) covers information up to March 24, 2021 and should be read in conjunction with the financial statements for the years ended December 31, 2020 and 2019. Except as otherwise noted, the financial information contained in this MD&A and in the financial statements has been prepared in accordance with IFRS. All amounts are expressed in Canadian Dollars unless otherwise noted. Additional information regarding the Company is available on SEDAR at www.sedar.com and on the Company’s website at www.kanebiotech.com.

This MD&A has been prepared to help investors understand the financial performance of the Company in the broader context of the Company’s strategic direction, the risks and opportunities as understood by management, and the key success factors that are relevant to the Company’s performance. Management has prepared this document in conjunction with its broader responsibilities for the accuracy and reliability of the financial statements, as well as the development and maintenance of appropriate information systems and internal controls to ensure that the financial information is complete and reliable. The Audit Committee and the Board of Directors have reviewed this document and all other publicly reported financial information for integrity, usefulness, reliability and consistency.

COVID-19 PANDEMIC

The outbreak of COVID-19, the disease caused by the novel SARS-CoV-2 strain of coronavirus was declared a global pandemic by the World Health Organization on March 11, 2020 and has resulted in a widespread health crisis that has affected economies and financial markets around the world, resulting in an economic downturn. The effects of this pandemic on the Company may include decreased customer demand, interruptions to supply chains, manufacturing activities and research and development programs and increased government regulations or interventions. The duration and impact of the COVID-19 outbreak is unknown at this time and it is not possible to reliably estimate the length and severity of these developments, nor the impact of these developments on the financial results and condition of the Company in future periods.

During the year, the Company experienced both decreased demand for its products in the pet specialty and veterinary channels and interruptions to its manufacturing supply chain due to reduced workforces and shortages of raw materials.

The Company continues to monitor and implement recommendations from local and national health organizations and strictly adhere to COVID-19 related directives from government authorities. The Company has implemented precautionary measures such as working remotely where possible, strict preventive practices for those employees that must work on-site and the freezing of all non-essential travel. Certain marketing programs and other discretionary spending have been put on hold to preserve cash.

The Company has applied for certain Canadian Government COVID-19 economic relief funding programs. During the year, the Company received a \$40,000 loan advance from the Canada Emergency Funding Account (CEBA) program and received salary subsidization under the Canada Emergency Wage Subsidy (CEWS) program. The Company is investigating other Government COVID-19 economic relief measures as these measures continue to evolve and it intends to maximize its use of these programs to the extent it meets the eligibility requirements.

FORWARD-LOOKING STATEMENTS

This Management’s Discussion and Analysis contains certain forward looking information and statements within the meaning of securities law which may not be based on historical fact, including without limitation statements containing the words “believes,” , “should”, “may,” “plan,” “will,” “estimate,” “predict,” “continue,” “anticipates,” “potential”, “intends,” “expects,” or other similar expressions. Such forward looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual results, events or developments to be materially different from any future results, events or developments expressed or implied by such forward looking statements. Such factors include, among others, the Company’s stage of development, lack of product revenues, additional capital requirements, risks associated with the completion of clinical trials and obtaining regulatory approval to market the Company’s products, the ability to protect its intellectual property and dependence upon collaborative partners. These factors should be considered carefully, and readers are cautioned not to place undue reliance on such forward-looking statements. The forward-looking statements are made as of the date hereof, and the Company disclaims any obligation to update any such factors or to publicly announce the result of any revisions to any of the forward-looking statements contained herein to reflect future results, events or developments.

Actual results and developments are likely to differ, and may differ materially, from those expressed or implied by the forward-looking statements contained in this MD&A. Such statements are based on a number of assumptions which may prove to be incorrect, including, but not limited to, assumptions about:

- general business and economic conditions;
- interest rates and foreign exchange rates;
- the timing of the receipt of regulatory and governmental approvals for the Company’s research and development

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- projects;
- the availability of financing for the Company's research and development projects, or the availability of financing on reasonable terms;
- the Company's costs of trials;
- the Company's ability to attract and retain skilled staff;
- market competition;
- tax benefits and tax rates;
- the Company's ongoing relations with its employees and with its business partners.

Management cautions you, the reader, that the foregoing list of important factors and assumptions is not exhaustive. Events or circumstances could cause actual results to differ materially from those estimated or projected and expressed in, or implied by, these forward-looking statements. The Company undertakes no obligation to update publicly or otherwise revise any forward-looking statements or the foregoing list of factors, whether as a result of new information or future events or otherwise.

BUSINESS OVERVIEW

Kane Biotech Inc. ("Kane Biotech", "Kane" or the "Company") is a biotechnology company engaged in the research, development and commercialization of technologies and products that prevent and remove microbial biofilms. Biofilms are thin, slimy films that develop when bacteria and other microorganisms form a protective matrix that acts as a shield against attack. Biofilms attach to and grow on living and inert surfaces. When protected by a biofilm, bacteria become highly resistant to antibiotics, antimicrobials, biocides and host immune responses. This resiliency contributes to numerous Human and Animal Health-related problems. According to the United States National Institute of Health, biofilms are estimated to be responsible for 80% of all animal and human bacterial infections including tooth decay, wound infections, chronic inflammatory skin disorders and wounds, recurrent urinary tract infections, medical device-associated and hospital acquired infections (HAIs), and foodborne bacterial outbreaks. Biofilms cost society billions of dollars each year. As such, there is significant interest, and therefore significant opportunity, in safe and effective products that can combat the biofilm problem. Kane Biotech's mission is to capitalize on this large, addressable market by licensing its proprietary anti-biofilm technologies to global industry players.

Kane Biotech has a portfolio of biotechnologies, intellectual property (patents, patents pending and trademarks) and products developed by the Company's own biofilm research expertise and acquired from leading research institutions. StrixNB™, DispersinB®, Aledex™, bluestem™, bluestem®, Coactiv+™, Coactiv+®, goldstem™, silkstem™, DermaKB™ and DermaKB Biofilm™ are trademarks of Kane Biotech Inc.

The Company is listed on the TSX Venture Exchange under the symbol "KNE" and on the OTCQB Venture Market under the symbol "KNBIF".

Key Highlights of Kane Biotech include the following:

- A specialized focus on the development and continual improvement of anti-biofilm technologies, targeting large markets for biofilm prevention and dispersion solutions
- Renewed licensing agreement for DispersinB® with Rutgers University
- Awarded \$3.8 million in non-dilutive funding from Western Economy Diversification Canada ("WD") in the form of interest-free repayable contributions to be repaid over five years, starting in April 2023
- Received the U.S. Department of Defense's ("DoD") Medical Technology Enterprise Consortium Research Project Award ("MTEC Award") in the amount of \$2.7 million USD.
- Awarded a non-repayable contribution of up to \$340,680 from the National Research Council of Canada Industrial Research Assistance Program ("NRC IRAP") to enhance its quality assurance, quality control, and supply chain capabilities
- Robust patent portfolio of differentiated anti-biofilm technologies with 53 patents issued or pending
- Continued product development of DispersinB® technology platforms for the Human Health market for which government funding has been awarded
 - Retained GR Consulting to develop and implement the regulatory and out-licensing strategy for DispersinB® wound care hydrogel
- First commercial licensing and distribution agreement signed in 2017, establishing a 10-year partnership with Dechra Veterinary Products (the "Dechra Agreement") wherein Kane Biotech receives an ongoing royalty from Dechra on net sales of the Company's Vetrudent™ products in North America
 - Extension of the Dechra Agreement in 2019 to include South America
- Expansion into multiple markets with mutually beneficial contractual agreements with North American and Asian

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- distributors and retailers
- Completed a \$3.5 million private placement in 2020
- Shares of the Corporation have been reapproved for and have recommenced trading on the OTCQB Venture Market
- Entered into an agreement with UK-based veterinary products company, Animalcare Group PLC (“Animalcare”) under which the parties formed STEM Animal Health Inc. (“STEM”), a company dedicated to treating biofilm-related ailments in animals.
 - Animalcare is to invest \$5 million consisting of \$3 million to acquire a one-third equity stake in STEM and \$2 million for the rights to commercialize products in global veterinary markets outside of the Americas.
- Entered into a one year credit agreement with Pivot Financial Inc. for a non-revolving term loan in the aggregate amount of \$1,480,000.
- Launched its first line of human health care products within our OTC Consumer Goods division, including a Shampoo, Scalp Detoxifier and Shampoo Bars available for sale under the DermaKB Biofilm™ brand on our direct-to-consumer webstore dermaKB.com

BUSINESS UPDATE AND STRATEGY

Kane Biotech is focused on licensing and co-commercializing its biofilm-related intellectual property with strategic partners that have established large-scale market access. Kane’s two primary markets for its technologies are Animal Health and Human Health. The Company recently announced the creation of STEM Animal Health Inc. (which is a joint venture with Animalcare Group PLC. STEM Animal Health aims to: (1) generate revenue and profit through the licensing of biofilm technologies in the veterinarian channels, and (2) expand distribution and growth of its premium companion animal products in the pet specialty and e-commerce channels. In Human Health, Kane intends to: (1) finalize product development of its DispersinB® hydrogel for the human wound care market (2) pursue the optimal regulatory and commercialization path for this technology including joint ventures and (3) initiate development of a product line for the human wound market based on our proprietary Coactiv+™ technology platform. As previously announced, the funding from WD and the DoD, has been critical to progressing the company’s Human Health initiatives and we are looking forward to moving the Human Health initiatives into the commercialization phase.

Within the Animal Health division, the newly formed STEM has successfully recruited Kevin Cole as President and CEO. As announced October 13, 2020, Kevin is an experienced Consumer Packaged Goods and Animal Health business leader that is currently creating the foundation for STEM’s growth in:

1. Royalty revenue: Accelerating royalty revenue by supporting Dechra in North and South America via the sales of Dechra’s premium veterinary oral care product range and supporting Animalcare’s future veterinary oral care product range in Europe. The Company also aims to achieve a key milestone by obtaining the internationally recognized efficacy certification, which would result in \$500,000 USD and \$700,000 CAD in milestone payments pursuant to the Dechra and Animalcare Agreements. As announced March 10, 2021 preliminary analysis of data from efficacy trials for STEM’s pet oral care water additive have met the primary endpoint.
2. Expanding distribution of the bluestem™ product line in Specialty Pet Trade: The bluestem™ product line, which includes water additives (liquid & powder), chews, spray and dental wipes, is currently in limited distribution. The opportunity and potential for growth as a result of expanded distribution and availability in the Specialty Pet Channel is significant. STEM will focus its efforts on expanding distribution and building awareness of bluestem™ to accelerate sales.

In addition to leveraging its established products and sales strategies, STEM Animal Health will continue to actively explore growth opportunities through new applications for its intellectual property in other key growth areas within the Animal Health category.

In the Wound Care & Surgical division, Kane Biotech is focused on the continued product development of DispersinB® for applications in chronic wound care. The Company believes that its DispersinB® applications will enhance current wound care treatments by improving the efficacy of antimicrobial and antibiotic wound treatments.

On June 18, 2020, Kane Biotech’s proposal entitled “DispersinB® the missing link in wound care – Clinical evaluation of DispersinB® to treat biofilm mediated antimicrobial resistance in non-healing chronic wound,” received the U.S. Department of Defense’s (“DoD”) Medical Technology Enterprise Consortium Research Project Award (“MTEC Award”). The MTEC Award will provide approximately \$2.7 million USD in non-dilutive funding for the continued clinical development of the Company’s DispersinB® to treat biofilm-mediated antimicrobial resistance in non-healing chronic wounds. This is a significant award for Kane Biotech, because of both its value and validation of the Company’s wound care technology. Kane Biotech believes this award

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underscores the importance of eliminating biofilms to address non-healing, chronic wounds.

The Company is collaborating with external consultants to pursue the optimal regulatory path for this technology that will mitigate the risk for future partners and increase the value of a licensing agreement. Although the Company had previously planned to seek regulatory approval for its DispersinB® wound care hydrogel as a medical device under the 510(k) pathway, the Company is currently reviewing other strategies including a PMA approach based on market analysis provided by its consultants as well as preliminary feedback received from the FDA. The Company is now evaluating a number of pathways in order to determine an appropriate regulatory route that will ultimately be more beneficial by allowing for expanded claims and indications and a more appropriate price point. Kane is also conducting this review to better leverage the approximately \$5.3 million in remaining WD and DoD non-dilutive funding that is available for this program.

Other products in investigation or early development stage include the following:

- Coactiv+™ Hydrogel for use in chronic wounds
- Coactiv+™ Surgical hydrogel for use in surgical and acute wounds
- DispersinB® Gel for Prosthetic Joint Infection

These products are discussed further in the Kane Biotech Technologies section.

In the Human Health Over-The-Counter (OTC) division, Kane's Scalp Detoxifier, Shampoo and Shampoo Bars are now available for purchase under the DermaKB Biofilm™ brand on its eCommerce site www.dermaKB.com. After passing the Human Repeat Insult Patch Test (HRIPT) safety test allowing us to add the claims "Dermatologically tested" and "Safe for skin" to our Scalp Detoxifier and Shampoo packaging, the data was submitted to the Canadian Dermatology Association for testing and review. In February 2021 Kane received approval to display the CDA Recognized Skin Health logo and supporting statement on the Scalp Detoxifier packaging and support materials. HRIPT testing on the Shampoo Bars will take place in Q2 2021.

In addition to the DermaKB™ line of products, formulation of a nasal spray for chronic sinusitis is nearing completion with testing scheduled to start in Q3 2021. Other products in the pipeline include a hair conditioner to work in conjunction with the DermaKB™ products (2022), a body wash (2022) and an acne wash (2023).

Building upon Kane Biotech's success in Animal and Human Health sectors, management will focus some resources towards developing solutions for the Industrial and Agricultural sectors. The Company believes that its patented technologies can be applied with minimal outlay to provide several solutions in these new markets. These new markets will allow Kane Biotech to reach new customers and address multiple unmet needs.

Targeted Kane Biotech milestones and objectives for the remainder of 2021 include the following:

- Build the foundation to accelerate bluestem™ and royalty revenues
- Continue working toward the achievement of the international standard of canine oral care efficacy
- Identify commercialization partner for the Wound Care & Surgical division
- Launch the DermaKB Biofilm™ Shampoo, Scalp Detoxifier, and Shampoo Bars on amazon.ca and amazon.com, implement a sales and marketing campaign to achieve 2021 sales targets, and secure a distribution partner in the hair salon channel to grow sales in Canada
- Grow the Kane Biotech team with talented people in Human Health, Animal Health and R&D
- Continue to protect Kane Biotech's intellectual property and expand patent coverage
- Execute with cost-control and continue to optimize operating expenses

The Kane Biotech team is looking forward to fully executing the many exciting initiatives that are underway. The Company will continue to focus on product development, international market expansion and cost-effective execution. The entire team is dedicated to achieving the above-mentioned milestones and to building a foundation for long-term, sustainable growth.

KANE BIOTECH TECHNOLOGIES

Coactiv+™

Coactiv+™ is a patented biofilm destabilizing formula with continuous activity.

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The global companion pet oral care market was estimated to be \$2.2 billion USD by 2022 with a 10% CAGR to 2027. This growth is largely driven by increasing pet ownership and premiumization as pet owners continue to be more aware of and willing to spend more on their pets' health. Rising disposable income and westernization in developing nations is further driving the global pet oral care market. According to the American Veterinary Medical Association (AVMA), oral health is one of the top three concerns for companion animal owners. Bacteria in the mouth cavity form plaque and, as the plaque grows, this causes tartar build-up, gum infection (gingivitis) and periodontitis. By the time they are three years old, it is estimated that approximately 80% of dogs and 70% of cats develop some sort of periodontal disease.

In 2015, following Health Canada approval, Kane Biotech introduced companion pet oral care products containing its Coactiv+™ technology in Canada under the StrixNB™ and bluestem™ brands. The company then pursued a strategy to license out its intellectual property on a broader scale which led to the Company's StrixNB™ technology and trademarks being part of the Dechra Agreement. Dechra introduced its Vetradent™ oral care brand into the U.S. and Canadian veterinary channel in 2017. Water additive powder and dental wipe products were added to the Vetradent™ product family in 2018. A dental rawhide chew was introduced in 2019 as well as an expansion of the Vetradent™ toothpaste line throughout the U.S. market. Also in 2019, the Dechra Agreement was extended to South America and sales of Vetradent™ products in South America are expected to commence in 2021. Additional formulations are in development to expand the complete oral health program of pet oral care products for veterinary clinics and dog and cat parents.

In the Specialty Pet Trade, Kane's technology is now being commercialized by STEM as the bluestem™ brand and products transferred from Kane to STEM. The bluestem™ products are sold in approximately 2,000 pet specialty retail stores in the US and Canada as well as on Amazon.com (U.S.), Chewy.com and Amazon.ca (Canada). In addition, STEM will evaluate opportunities for global expansion. Currently, distribution agreements have been completed in Taiwan and South Korea. STEM will continue to focus on accelerating growth of the bluestem™ oral care portfolio according to its market and channel priorities.

In the Wound Care & Surgical division, Kane is in the early development stage of a product with two applications:

- Coactiv+™ Hydrogel: A product for chronic wounds that will be designed to maximize reimbursement and be competitive in the wound clinic and home care setting. The product can be applied by the patient or caregiver and sourced through a medical product supplier.
- Coactiv+™ Surgical Hydrogel: A product for surgical and acute wounds and provided in a single use container for application in the hospital setting. The product can be applied to all types of surgical wounds and can be used prophylactically on post-surgical incisions as well. Although the initial target for this application is the hospital, the outpatient setting is also a potential market.

The key ingredients of Coactiv+™ are Generally Recognized As Safe (GRAS) by the FDA and have been purposefully selected to provide support throughout the entire wound healing cascade.

The major advantages of these Coactiv+™ hydrogel products are as follows:

- Continuous bactericidal, biofilm destabilizing, and inhibition activity
- Buffering agent to lower and maintain favorable pH conducive for wound healing
- Help reduce metalloprotease and elastase activity in chronic wounds
- Biocompatible and non-toxic
- Patent protected

In the Human Health OTC division, Kane successfully conducted a second consumer products test of its Derma KB™ Shampoo, Scalp Detoxifier and Shampoo Bars from November 2020 to February 2021, with more than 4400 samples sent to individuals across Canada and the U.S. The test was to further evaluate the efficacy of the products containing its Coactiv+™ technology, on symptoms associated with common skin conditions including irritation, itchiness, dandruff, redness, dry scalp and flaking. Preliminary findings are compelling with 83% of participants in the Detoxifier + Shampoo leg of the trial, when asked which product they would use again, identified the Detoxifier and Shampoo in combination (52%) or each product by themselves (31%). We expect to see a full data analysis report by the end of Q1 2021.

The Shampoo, Scalp Detoxifier and Shampoo Bars are now commercially available online at dermaKB.com and will launch on amazon.ca and amazon.com in early Q2 2021.

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DispersinB®

Kane Biotech's trademark for the wound care market is DispersinB® for both animal and human wound care applications. The Company has started to pursue its strategy to license out its wound care intellectual property on a broader scale.

For animal health applications, the develop of products using DispersinB® technology is planned for use in canine otic (ear) infections. Additional DispersinB® products are in planning and development.

With respect to human applications, in 2019, the Company renewed its exclusive worldwide license agreement with the University of Medicine and Dentistry of New Jersey, now part of Rutgers University, for all human, animal, and industrial applications of the DispersinB® enzyme. In 2021, efforts will continue to be focused on the development of a human wound care hydrogel containing DispersinB® and on securing a commercialization partner and pursuing the optimal regulatory/reimbursement path that will ultimately lead to the commercialization of this technology.

Kane is currently investigating the opportunity of using DispersinB® Gel for Prosthetic Joint Infection (PJI). PJI's have been identified as one of the most serious complications of joint replacement surgery with bacterial biofilm on the prostheses being identified as one of the key problems in treatment.

PJI's are one of the most serious complications of joint replacement surgery. Conservative estimates are that approximately 1–2% of all prostheses will become infected over the life of the implant. The financial burden of treating these infections is staggering. It is estimated that they will cost the US healthcare system \$1.62 billion in 2020. In addition, patients have significant morbidity and mortality as a direct result of our current medical and surgical management to treat these infections.

PJIs are hard to treat because of bacterial biofilms on the prostheses. Unfortunately, conventional antibiotics have limited ability to cure biofilm infections. This is in part due to the almost dormant metabolic activity of bacteria in biofilms and the architecture of biofilms. The concentrations of conventional antibiotics needed to have activity to bacteria in biofilms can be up to 1000 times higher than the same bacteria in a planktonic state. Therefore, new antimicrobial therapies are needed to treat PJI's that focus on disrupting biofilms.

KBI Disinfectant Technology

KBI Antibacterial Disinfectant was issued a Drug Identification Number, or DIN (02374463), in 2011 by the Therapeutic Products Directorate of Health Canada as a hard surface disinfectant for use in domestic, hospital and industrial environments.

Kane Biotech has not been actively focused on this technology over the past few years due to the Company's focus of financial and human resources on StrixNB™ and DispersinB® commercialization. However, based on the sizeable market opportunity related to KBI, management believes KBI represents significant future opportunity and value for the Company and, as a result, Kane Biotech fully intends to continue its pursuit of the commercialization of this technology in the future.

INTELLECTUAL PROPERTY

Patent #	Title	Jurisdiction
2,452,032	Synergistic Antimicrobial Compositions and Methods of Inhibiting Biofilm Formation	Canada
7,144,992	Synergistic Antimicrobial Compositions and Methods for Reducing Biofilm Formation	United States
8,906,364	Antimicrobial Compositions for Inhibiting Growth and Proliferation of Microbial Biofilms	United States
EP1906736	Antimicrobial Compositions for Inhibiting Growth and Proliferation of Microbial Biofilms	Europe
EP1906736	Antimicrobial Compositions for Inhibiting Growth and Proliferation of Microbial Biofilms	United Kingdom
6,923,962	Signal Peptides, Nucleic Acid Molecules and Methods for Treatment of Caries	United States
7,597,895	Signal Peptides, Nucleic Acid Molecules and Methods for Treatment of Caries	United States
CA2511103	Compositions and Methods for Enzymatic Detachment of Bacterial and Fungal Biofilms	Canada
7,294,497	Compositions and Methods for Enzymatic Detachment of Bacterial and Fungal Biofilms	United States
540731	Compositions and Methods for Enzymatic Detachment of Bacterial and Fungal Biofilms	New Zealand
555378	Compositions and Methods for Enzymatic Detachment of Bacterial and Fungal Biofilms	New Zealand
2,003,284,385	Compositions and Methods for Enzymatic Detachment of Bacterial and Fungal Biofilms	Australia
7,833,523	Compositions and Methods for Enzymatic Detachment of Bacterial and Fungal Biofilms	United States
7,989,604	Compositions and Methods for Enzymatic Detachment of Bacterial and Fungal Biofilms	United States
5,073,169	Compositions and Methods for Enzymatic Detachment of Bacterial and Fungal Biofilms	Japan

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8,580,551	Dispersin B Polypeptides and uses thereof	United States
8,821,862	Soluble β -N-Acetylglucosaminidase Based Antibiofilm Compositions and Uses Thereof	United States
8,617,542	Dispersin B, 5-Fluorouracil, Deoxyribonuclease I and ProteinaseK-Based Antibiofilm Compositions and uses thereof	United States
2,720,301	Dispersin B, 5-Fluorouracil, Deoxyribonuclease I and ProteinaseK-Based Antibiofilm Compositions and uses thereof	Canada
EP2283130	Dispersin B, 5-Fluorouracil, Deoxyribonuclease I and ProteinaseK-Based Antibiofilm Compositions and uses thereof	Europe
EP2283130	Dispersin B, 5-Fluorouracil, Deoxyribonuclease I and ProteinaseK-Based Antibiofilm Compositions and uses thereof	United Kingdom
EP2283130	Dispersin B, 5-Fluorouracil, Deoxyribonuclease I and ProteinaseK-Based Antibiofilm Compositions and uses thereof	Germany
EP2283130	Dispersin B, 5-Fluorouracil, Deoxyribonuclease I and ProteinaseK-Based Antibiofilm Compositions and uses thereof	France
8,753,692	Biofilm-Removing Antimicrobial Compositions and uses thereof	United States
2,750,340	Biofilm-Removing Antimicrobial Compositions and uses thereof	Canada
5,752,051	Biofilm-Removing Antimicrobial Compositions and uses thereof	Japan
EP2389071	Biofilm-Removing Antimicrobial Compositions and uses thereof	United Kingdom
EP2389071	Biofilm-Removing Antimicrobial Compositions and uses thereof	Germany
EP2389071	Biofilm-Removing Antimicrobial Compositions and uses thereof	France
9,622,481	Biofilm-Removing Antimicrobial Compositions and uses thereof	United States
2012332014	Compositions and Methods for Treatment and Prevention of Oral Diseases	Australia
CN104010653	Compositions and Methods for Treatment and Prevention of Oral Diseases	China
2,773,369	Compositions and Methods for Treatment and Prevention of Oral Diseases	Europe
2,773,369	Compositions and Methods for Treatment and Prevention of Oral Diseases	Ireland
2,773,369	Compositions and Methods for Treatment and Prevention of Oral Diseases	United Kingdom
2,773,369	Compositions and Methods for Treatment and Prevention of Oral Diseases	Germany
2,773,369	Compositions and Methods for Treatment and Prevention of Oral Diseases	France
6,038,167	Compositions and Methods for Treatment and Prevention of Oral Diseases	Japan
624,850	Compositions and Methods for Treatment and Prevention of Oral Diseases	New Zealand
HK120416	Compositions and Methods for Treatment and Prevention of Oral Diseases	Hong Kong
9,980,497	Compositions and Methods for Treatment and Prevention of Wound Infections	United States
6,401,720	Compositions and Methods for Treatment and Prevention of Wound Infections	Japan
1,0357,470	Compositions and Methods for Treatment and Prevention of Wound Infections	United States

The Company has 43 issued patents and 10 pending patents. Successful development of products to prevent and remove microbial biofilms may be dependent upon the ability to obtain approval for patents that are currently in pending status as well as successfully file new patents; however, there is no guarantee that new patents will be obtained, and, if obtained, it may not be possible to successfully defend against any subsequent infringements to these patents. Currently, the Company is unaware that it has infringed upon any existing patents issued to third parties. The Company's success may, in part, depend on operating without such infringement.

Trademark	Jurisdiction
DispersinB®	Canada United States Europe United Kingdom
bluestem™	Canada United States
bluestem®	Europe
Coactiv+®	Canada
Coactiv+™	United States
Coactiv+®	Europe
goldstem™	Canada
	United States
silkstem™	Canada

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DermaKB™	United States Canada
DermaKB Biofilm™	United States Canada
Aledex™	United States
StrixNB™	United States United States

SUMMARY OF KANE BIOTECH PRESS RELEASES SINCE JANUARY 1, 2020

On March 10, 2021 Kane Biotech announced that preliminary analysis of data from efficacy trials for STEM's pet oral care water additive have met the primary endpoint. As previously disclosed, two milestone payments to STEM from STEM's licensing partners are dependent on positive clinical efficacy data and certification from an industry leading body.

On February 24, 2021 the Company announced current Board member Mark Nawacki will take over as Chairman of the Board, and Philip Renaud will assume the role of Vice Chair.

On December 10, 2020, the Company announced that Marc Edwards, CEO, will present live at LifeSciencesInvestorForum.com, an interactive online event offered by OTC Markets Group, on Thursday, December 17, 2020.

On December 10, 2020, the Company announced the commercial launch of its DermaKB™ shampoo, shampoo bar and scalp detoxifier as the first products in their new skin care line. Derma KB products will be sold direct-to-consumer through Kane's new online commerce site: www.dermakb.com.

On November 5, 2020, Kane Biotech announced that it had entered into a one-year credit agreement with Pivot Financial Inc. for a non-revolving term loan in the aggregate amount of \$1,480,000. The Credit Facility shall be used by Kane Biotech for: (i) funding research and development relating to eligible government reimbursable expenditures; (ii) expenses related to STEM Animal Health Inc; and (iii) general working capital purposes.

On October 28, 2020, the Kane Biotech announced the launch of a larger consumer product test to further prove the efficacy of the Company's shampoo on dermatitis and dandruff began on October 14, 2020. This large-scale, multi-product test will focus on US consumers and has a similar design to the consumer trial that was launched earlier in the year in Canada.

On October 13, 2020, the Company announced that Kevin Cole will assume the role of President and CEO of STEM Animal Health Inc, a subsidiary created from the recently formed joint venture with UK-based international veterinary products company, Animalcare Group PLC. In this new role Kevin, will focus on building STEM into a globally recognized name in biofilm-targeting technology with an emphasis on developing sales channels and penetrating the growing pet care sector, utilizing STEM's expanding product lines.

On September 28, 2020, Kane Biotech Inc. announced that it has entered into an agreement with UK-based veterinary products company, Animalcare Group PLC under which the parties formed STEM Animal Health Inc., a company dedicated to treating biofilm-related ailments in animals. Animalcare is to invest \$5 million consisting of \$3 million to acquire a one-third equity stake in STEM and \$2 million for the rights to commercialize products in global veterinary markets outside of the Americas.

On September 23, 2020, the Company announced that it had entered into an agreement with Harbor Access LLC, an investor relations advisory firm with offices in Canada and the United States. Harbor Access is to provide external Investor Relations services to Kane Biotech in addition to investor outreach throughout North America and Europe.

On September 9, 2020, the Company announced that it would be featured in a live webinar hosted by Ben Haynor, CFA, Managing Director, Healthcare Research at Alliance Global Partners, on September 15, 2020.

On August 20, 2020, Kane Biotech announced that it had granted an aggregate of 2,310,555 stock options to certain directors, officers, employees and consultants of the company in accordance with the Company's stock option plan.

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On August 12, 2020, the Company announced that Gregory Schultz, Ph.D., had been appointed as a Scientific Advisor. Dr. Schultz is the Director of the Institute for Wound Research and Professor of Obstetrics and Gynecology at the University of Florida.

On June 24, 2020, Kane Biotech announced that it had been approved for up to \$54,750 in funding from the Government of Canada's CanExport SMEs program. Kane will use this funding to support the marketing costs associated with the U.S. launch of its Human Health anti-biofilm shampoo as well as to support international growth of its Animal Health business.

On June 18, 2020, the Company announced that, further to its press releases of January 17, 2019 and December 4, 2019, its proposal entitled "DispersinB® the missing link in wound care – Clinical evaluation of DispersinB® to treat biofilm mediated antimicrobial resistance in non-healing chronic wound," had received the U.S. Department of Defense's ("DoD") Medical Technology Enterprise Consortium Research Project Award ("MTEC Award"). The MTEC Award will provide approximately \$2.7 million USD in non-dilutive funding for the continued clinical development of the Company's DispersinB® to treat biofilm-mediated antimicrobial resistance in non-healing chronic wounds.

On May 19, 2020, Kane Biotech announced that, effective May 19, 2020, shares of the Corporation have been reapproved for and will recommence trading on the OTCQB Venture Market, operated by OTC Markets Group. Since February 4, 2019, shares of Kane Biotech have been trading under the Pink® Open Market. With the upgrade to the OTCQB Venture Market, the shares will continue to trade under the ticker symbol "KNBIF".

On May 14, 2020, the Company announced that it has further amended the terms of its 34,504,997 common share purchase warrants (the "Warrants") issued on July 17, 2017 (the "Initial Closing") and August 17, 2017 (the "Final Closing") pursuant to a private placement of units, by further extending the expiry thereof from July 17, 2020 to January 17, 2022 for the 33,404,997 Warrants issued pursuant to the Initial Closing (the "Initial Closing Warrants") and from August 17, 2020 to February 17, 2022 for the 1,100,000 Warrants issued pursuant to the Final Closing (the "Final Closing Warrants"). The Corporation previously extended the expiry of the Initial Closing Warrants and the Final Closing Warrants on November 12, 2018 for an additional 18 months term.

On May 12, 2020, Kane Biotech announced positive results from a consumer product test evaluating the efficacy of its shampoo on dermatitis and dandruff. The shampoo consists of Coactiv+™, a patented anti-biofilm formulation, and contains ingredients approved as safe for human use.

On May 7, 2020, Kane Biotech provided an update on the actions the Company has taken in response to the global COVID-19 pandemic.

On March 2, 2020, the Company announced that it granted an aggregate of 3,650,000 stock options to certain directors, officers, employees and consultants of the Company in accordance with the Company's stock option plan.

On February 26, 2020, Kane Biotech announced the launch of its silkstem™ anti-itch shampoo at the Global Pet Expo in Orlando, Florida.

On February 24, 2020, the Company announced that it closed the second and final tranche of its offering, previously announced on December 4, 2019, and issued 7,081,862 units of the Company at a price of \$0.14 per unit to raise gross proceeds of \$991,461. Each whole warrant entitles the holder thereof to purchase one additional common share at an exercise price of \$0.18 per common share until February 24, 2022. The Company issued a total of 24,999,999 units for aggregate gross proceeds of \$3,500,000 pursuant to the offering.

On February 20, 2020, Kane Biotech announced that it had appointed Jean Gauvin, DVM, as its Chief Veterinary Officer.

On January 27, 2020, the Company announced that it has retained Independent Trading Group, Inc. to provide market-making services.

OUTLOOK

The strategic direction of the Company remains centered on developing and commercializing solutions to biofilm-related problems in the Animal and Human Health markets. To advance these programs and establish the Company as a key player, management expects Kane Biotech to continue incurring operating losses for the foreseeable future. Given the nature of its business and the developmental phase that Kane Biotech is currently in, research expenditures are expected to be higher in 2021 than in 2020. General and administrative expenses in 2020 were tempered by a combination of spending reductions and the Company's use of

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Canadian Government economic relief measures associated with the COVID-19 pandemic. Dependent upon the outcome of the COVID-19 pandemic in 2021, general and administrative expenses in 2021 may be higher than 2020. Revenues in 2020 were impacted by the COVID-19 pandemic but are expected to increase in 2021 as the company pursues revenue growth opportunities. The Company is committed to creating revenue growth in all three of its divisions and operating with strict cost controls while developing its new technologies and products.

The Company's funding of future operations is primarily dependent upon its ability to: a) negotiate collaboration or licence royalty agreements with upfront and subsequent milestone payments, b) generate product sales, and c) obtain research grant funding and/or secure additional funds. While the Company is striving to achieve funding through all three of the above-mentioned alternatives, there is no assurance that such sources will be available or obtained on favourable terms. If that is the case, the Company will consider financing alternatives, including those used in the past such as private placements and debt financing, to raise the necessary capital it requires to fund ongoing operations.

The ability of the Company to continue as a going concern and to realize the carrying value of its assets and discharge its liabilities and commitments when due is dependent on the successful completion of the actions taken or planned, some of which are described above, which management believes will mitigate the adverse conditions and events which raise doubt about the validity of the going concern assumption used in preparing its financial statements. There is no certainty that these and other strategies will be sufficient to permit the Company to continue as a going concern.

The Company may decide to accelerate, terminate or reduce its focus in certain research areas, or commence research in new areas as a result of the Company's research progress and the availability of financial resources. These decisions are made with the goals of tightly managing the Company's cash resources and optimizing the Company's opportunities. Management is not presently aware of any factors that would change its strategy over the next year. See also "Note 2(c) Going concern" to the accompanying financial statements.

SELECTED ANNUAL FINANCIAL INFORMATION

Years ended December 31,	2020	2019	2018
License & Royalty	\$ 212,413	\$ 196,529	\$ 111,333
Sale of goods and services	1,129,161	1,496,995	394,940
Total Revenue	1,341,574	1,693,524	506,273
Cost of sales-sales of goods and services	814,715	1,083,612	390,802
Gross Profit	526,859	609,912	115,471
General and administration expenses	3,425,105	2,658,727	2,371,777
Research expenses	1,326,127	1,541,381	922,526
Net finance costs	(378,397)	38,582	82,167
Net loss	(3,845,976)	(960,178)	(3,260,999)
Net loss attributable to shareholders	(3,716,686)	(960,178)	(3,260,999)
Basic and diluted loss per share	(0.03)	(0.01)	(0.04)
Cash and cash equivalents	1,007,923	834,128	75,425
Total assets	5,035,619	2,755,692	1,555,936
Non-current liabilities	1,036,709	577,232	480,685
Total current liabilities	2,924,174	1,341,653	2,060,091
Deficit	(28,605,715)	(24,889,029)	(23,928,851)
Total capital stock, warrants, convertible note option and contributed surplus	27,116,135	25,725,836	22,944,011

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SELECTED QUARTERLY FINANCIAL INFORMATION

The selected financial information provided below is derived from Kane Biotech's unaudited quarterly financial statements for each of the last eight quarters:

	Q4-2020	Q3-2020	Q2-2020	Q1-2020	Q4-2019	Q3-2019	Q2-2019	Q1-2019
	\$	\$	\$	\$	\$	\$	\$	\$
License	29,268	16,768	16,768	16,768	16,768	16,768	16,768	16,769
Royalty	31,829	34,062	19,037	47,912	32,645	34,709	28,109	33,993
Sales of goods and services	196,241	309,773	231,688	391,459	514,725	235,361	176,413	570,495
Total Revenue	257,339	360,603	267,493	456,139	564,138	286,838	221,290	621,257
Cost of Sales	154,622	231,447	151,923	276,723	363,905	170,516	138,782	410,408
Gross Profit	102,717	129,156	115,570	179,416	200,233	116,322	82,508	210,849
Operating Expenses	1,168,493	1,247,140	711,448	1,624,152	1,421,945	912,058	1,035,983	830,122
Net loss	(945,795)	(1,030,948)	(505,397)	(1,363,836)	(1,156,695)	(821,554)	1,675,462	(657,391)
Net loss attributable to shareholders	(816,505)	(1,030,948)	(505,397)	(1,363,836)	(1,156,695)	(821,554)	1,675,462	(657,391)
Loss per share	(0.01)	(0.01)	(0.00)	(0.01)	(0.01)	(0.01)	0.02	(0.01)
Loss per share attributable to shareholders	(0.01)	(0.01)	(0.00)	(0.01)	(0.01)	(0.01)	0.02	(0.01)

It is important to note that historical patterns of expenditures cannot be taken as an indication of future expenditures. The amount and timing of expenditures, and therefore liquidity and capital resources, may vary substantially from period to period depending on the business and research activities being undertaken at any one time and the availability of funding from investors and prospective commercial partners.

The Company's ongoing operating expenses relate primarily to the execution of research programs, the commercialization of its intellectual property and general and administrative expenses. The operations of the Company are not subject to any material seasonality or cyclical factors.

License revenue relates to the recognition of revenue associated with the initial payment of \$500,000 USD the Company received upon signing its exclusive license and distribution agreement with Dechra in March 2017. This initial payment has been recorded in the financial statements as deferred license revenue and is being recognized as license revenue on a straight-line basis over the 10-year life of the agreement.

Quarter over quarter royalty revenues were trending higher prior to the COVID-19 pandemic but decreased significantly when the pandemic first took hold due to lower product demand in the veterinary channel. Royalties received in Q3 and Q4 2020 are at pre-pandemic levels. The expansion of Dechra's product line in late 2019, namely rawhide chews in Canada and the United States and its toothpaste line into the United States, bodes well for future royalty growth. Sales of Dechra's existing products are expected to launch in Brazil in 2021 and the Company continues to demonstrate the safety and efficacy of the product line.

Sales of goods and services were impacted in 2020 by a number of COVID-19 related factors including temporary retail store closures, product shortages due to supply chain interruptions and the permanent US store closures of one of the Company's major pet retail customers. While some of these challenges are expected to extend in to 2021, the strategy within STEM is to grow revenues by expanding distribution of bluestem products within the Specialty Pet Trade and by supporting Dechra's current and Animalcare's future premium veterinary oral care product range. The recent launch of the Company's first line of human health care products within its OTC Consumer Goods division will also contribute to increasing product sales in future quarters.

Gross profit percentage has slightly increased over the last eight quarters. As of Q4 2018 all product manufacturing is being outsourced resulting in the elimination of internal fixed manufacturing costs as well as the capacity to significantly scale-up product manufacturing volumes to accommodate revenue growth. The Company is actively pursuing cost reduction opportunities throughout its supply chain.

Operating expenses can vary significantly from quarter to quarter due primarily to fluctuations in research expenditures and bluestem™ sales and marketing costs. The first two quarters in 2019 include significant legal expenses pertaining to a lawsuit which were not incurred in subsequent quarters. Q4 2019 and Q1 2020 includes higher contract research and compensation-related costs than earlier quarters as the Company escalated its work on its DispersinB® human wound care hydrogel project. Q3 2020 includes significant legal expenses pertaining to the Animalcare agreement which was finalized during the period.

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RESULTS OF OPERATIONS

Revenue

Revenue consists of License and Royalty revenue from its licensing agreements with Dechra and Animalcare, product sales from the Company's bluestem™ brand and contract manufacturing and quality control services revenue related to the Company's relationship with Dechra.

The Company's revenue by category for the three months ended December 31, 2020 and 2019 is summarized in the table below:

Three Months ended December 31,	2020	2019	Change	% Change
License	\$ 29,269	\$ 16,768	\$ 12,501	74.6%
Royalty	31,829	32,645	(816)	-2.5%
Sales of goods and services	196,241	514,725	(318,484)	-61.9%
Total Revenue	\$ 257,339	\$ 564,138	\$ (306,799)	-54.4%

License revenue consists of the recognition over 10 years of the upfront payment of \$500,000 USD received from Dechra upon signing the License Agreement in March 2017 as well as the recognition over 10 years of the \$500,000 USD initial payment due in Q4 2021 related to the Licence Agreement with Animalcare. In the three months ended December 31, 2020, license revenue recognized from these sources increased by 75% to \$29,269 compared to \$16,768 in the three months ended December 31, 2019.

Royalty revenue consists of royalties received from Dechra on their sales of Vetradent™ products in the North American veterinary market. In the three months ended December 31, 2020, royalty payments received from Dechra decreased by 2% to \$31,829 compared to \$32,645 in the three months ended December 31, 2019. In the current quarter, royalties were impacted by lower customer demand in the veterinary channel as a result of the COVID-19 pandemic.

Revenue from product sales in the three months ended December 31, 2020 was \$168,893, a decrease of 49% compared to \$329,749 in the three months ended December 31, 2019. This decrease is due mainly to supply chain interruptions brought about by the COVID-19 pandemic resulting in product shortages in the current period as well as a large order to an international customer in the comparative period that did not reoccur.

Services revenue consists of contract manufacturing and quality control services related to the Company's relationship with Dechra. In the three months ended December 31, 2020, services revenue was \$27,348, a decrease of 85% compared to \$184,976 for the three months ended December 31, 2019. This decrease is due mainly to initial stocking orders of Dechra's new rawhide chews and US-labelled toothpaste products in the comparative period.

The Company's revenue by category for the year ended December 31, 2020 and 2019 is summarized in the table below:

Year ended December 31,	2020	2019	Change	% Change
License	\$ 79,573	\$ 67,073	\$ 12,500	18.6%
Royalty	132,840	129,456	3,384	2.6%
Sales of goods and services	1,129,161	1,496,995	(367,834)	-24.6%
Total Revenue	\$ 1,341,574	\$ 1,693,524	\$ (351,950)	-20.8%

License revenue consists of the recognition over 10 years of the upfront payment of \$500,000 USD received from Dechra upon signing the License Agreement in March 2017 as well as the recognition over 10 years of the \$500,000 USD initial payment due in Q4 2021 related to the Licence Agreement with Animalcare. In the year ended December 31, 2020, license revenue recognized from these sources increased by 19% to \$79,573 compared to \$67,073 in the year ended December 31, 2019.

Royalty revenue consists of royalties received from Dechra on their sales of Vetradent™ products in the North American veterinary market. In the year ended December 31, 2020, royalty payments received from Dechra increased by 3% to \$132,840 compared to \$129,456 in the year ended December 31, 2019 as Dechra continues to roll out its expanded Vetradent™ product line to its North American veterinarian customer base. However, lower customer demand in the veterinary channel as a result of the COVID-19 pandemic impacted royalties received in 2020.

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Revenue from product sales in the year ended December 31, 2020 was \$927,791, a decrease of 20% compared to \$1,161,079 in the year ended December 31, 2019 due mainly to COVID-19 related factors including temporary retail store closures, product shortages due to supply chain interruptions and the permanent US store closures of one of the Company's major pet retail customers along with the Company delivering on its largest purchase order for bluestem™ products in its history from a large North American pet retailer in the comparative period. This was partially offset by higher online sales in the current period.

Services revenue consists of contract manufacturing and quality control services related to the Company's relationship with Dechra. In the year ended December 31, 2020, services revenue was \$201,370, a decrease of 40% compared to \$335,916 for the year ended December 31, 2019. This decrease is due mainly to initial stocking orders of Dechra's new rawhide chews and US-labelled toothpaste products in the comparative period as well as a lower demand for contract manufacturing services in the current period.

General and Administration Expenses

General and administration expenses include those costs not directly related to research and development. These include expenses associated with management and administrative staff compensation, commercialization activities and professional fees such as consulting, legal, audit, and investor relations.

The changes in general and administration expenditures by category for the three months ended December 31, 2020 and 2019 are reflected in the following table:

Three Months ended December 31,	2020	2019	Change	% Change
Compensation related costs and consulting fees	\$ 463,680	\$ 514,644	\$ (50,964)	-9.9%
Business development costs	291,246	186,307	104,939	56.3%
Legal costs	139,085	41,303	97,782	236.7%
Other administration costs	90,109	56,582	33,527	59.3%
Government assistance	(77,883)	(83,809)	5,926	-7.1%
General and administration expenses	\$ 906,237	\$ 715,027	\$ 191,210	26.7%

Lower compensation related costs in the three months ended December 31, 2020 compared to the three months ended December 31, 2019 are primarily due to financial assistance received for salary costs from the Canadian government's CEWS program implemented during the COVID-19 pandemic, lower short-term incentive expense and lower consulting costs in the current period partially offset by an increase in staff and higher long-term incentive expense in the current period.

Higher business development costs in the three months ended December 31, 2020 compared to the three months ended December 31, 2019 are primarily due to incremental marketing, consulting and distribution costs related to the consumer tests and launch of the Company's new DermaKB™ product line during the current period partially offset by lower travel and trade show expenses in the current period resulting from the COVID-19 pandemic.

Higher legal costs in the three months ended December 31, 2020 compared to the three months ended December 31, 2019 are primarily due to legal costs incurred in the current period related to credit agreements signed with Pivot Financial and the National Bank of Canada.

Higher other administration costs in the three months ended December 31, 2020 compared to the three months ended December 31, 2019 are primarily due to higher general office expenditures in the current period related to an increase in general and administration staff.

Government assistance recorded in the current and prior periods is related to grants received from the NRC IRAP covering certain supply chain, quality control and quality assurance expenditures.

The changes in general and administration expenditures by category for year ended December 31, 2020 and 2019 are reflected in the following table:

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Year ended December 31,	2020	2019	Change	% Change
Compensation related costs and consulting fees	\$ 2,025,386	\$ 1,444,808	\$ 580,578	40.2%
Business development costs	965,460	771,780	193,681	25.1%
Legal costs	444,672	359,471	85,201	23.7%
Other administration costs	245,237	166,477	78,760	47.3%
Government assistance	(255,651)	(83,809)	(171,842)	205.0%
General and administration expenses	\$ 3,425,105	\$ 2,658,727	\$ 766,378	28.8%

Higher compensation related costs in the year ended December 31, 2020 compared to the year ended December 31, 2019 are primarily due to an increase in staff, higher consulting costs and higher long-term incentive expense in the current period partially offset by financial assistance received for salary costs from the Canadian government's CEWS program implemented during the COVID-19 pandemic.

Higher business development costs in the year ended December 31, 2020 compared to the year ended December 31, 2019 are primarily due to incremental marketing, consulting and distribution costs related to the consumer tests and launch of the Company's new DermaKB™ product line, higher sales promotion and higher investor relations costs during the current period partially offset by lower travel and trade show expenses in the current period resulting from the COVID-19 pandemic.

Year ended December 31,	2020	2019	Change	% Change
Compensation related costs and consulting fees	\$ 571,219	\$ 527,950	\$ 43,269	8.2%
Contract research and scientific consulting	960,343	519,889	440,455	84.7%
Patent related costs and other intangibles expensed	143,649	312,579	(168,930)	-54.0%
Other research costs	255,724	195,360	60,364	30.9%
Government assistance	(604,808)	(14,397)	(590,411)	4100.9%
Research expenses	\$ 1,326,127	\$ 1,541,381	\$ (215,254)	-14.0%

Higher legal costs in the year ended December 31, 2020 compared to the year ended December 31, 2019 are primarily due to legal costs related to the Company's private placement, the Animalcare agreements and the Pivot Financial and National Bank of Canada credit agreements in the current period partially offset by higher legal expenditures related to the Nestle lawsuit incurred in the prior period.

Higher other administration costs in the year ended December 31, 2020 compared to the year ended December 31, 2019 are primarily due to higher general office expenditures in the current period related to an increase in general and administration staff.

Higher government assistance recorded in the current period is related to a higher amount of government assistance received from NRC IRAP covering certain supply chain, quality control and quality assurance expenditures as well as from the CanExport SMEs program covering certain costs incurred related to the international growth of the Company's Animal Health business.

Research and Development Expenses

Research and development expenses are associated with the Company's research and development programs. The Company is in the development and commercialization stage and devotes a significant portion of its financial resources to research and market-ready product development activities.

The changes in research and development expenses by category for the three months ended December 31, 2020 and 2019 are reflected in the following table:

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Three Months ended December 31,	2020	2019	Change	% Change
Compensation related costs and consulting fees	\$ 171,037	\$ 164,717	\$ 6,320	3.8%
Contract research and scientific consulting	260,252	337,420	(77,168)	-22.9%
Patent related costs and other intangibles expensed	44,001	153,591	(109,590)	-71.4%
Other research costs	83,729	43,726	40,003	91.5%
Government assistance	(296,762)	7,465	(304,227)	4075.4%
Research expenses	\$ 262,257	\$ 706,919	\$ (444,662)	-62.9%

Higher compensation related costs in the three months ended December 31, 2020 compared to the three months ended December 31, 2019 are due primarily to an increase in staff and higher long-term compensation expense in the current period partially offset by financial assistance received in the current period for salary costs from the Canadian government's CEWS program implemented during the COVID-19 pandemic.

Lower contract research and scientific consulting costs in the three months ended December 31, 2020 compared to the three months ended December 31, 2019 are due primarily to decreased research, consulting and project management expenditures related to the Company's DispersinB® human wound care program in the current period.

Lower patent related costs and other intangibles expensed in the three months ended December 31, 2020 compared to the three months ended December 31, 2019 are due mainly to higher patent write-off expense in the comparative period.

Higher other research costs in the three months ended December 31, 2020 compared to the three months ended December 31, 2019 are due primarily to higher research consumables costs in the current period.

Government assistance for the three months ended December 31, 2020 relates to government assistance recorded for the DoD MTEC Award.

The changes in research and development expenses by category for the year ended December 31, 2020 and 2019 are reflected in the following table:

Higher compensation related costs in the year ended December 31, 2020 compared to the year ended December 31, 2019 are due primarily to an increase in staff and higher long-term compensation expense in the current period partially offset by financial assistance received in the current period for salary costs from the Canadian government's CEWS program implemented during the COVID-19 pandemic.

Higher contract research and scientific consulting costs in the year ended December 31, 2020 compared to the year ended December 31, 2019 are due primarily to increased research, consulting and project management expenditures related to the Company's DispersinB® human wound care program in the current period.

Lower patent related costs and other intangibles expensed in the year ended December 31, 2020 compared to the year ended December 31, 2019 are due mainly to higher patent write-off expense in the comparative period.

Higher other research costs in the year ended December 31, 2020 compared to the year ended December 31, 2019 are due primarily to higher research consumables costs in the current period.

Higher government assistance recorded for the year ended December 31, 2020 compared to the year ended December 30, 2019 is due primarily to government assistance recorded for the DoD MTEC Award in the current period.

Other expenses (Income)

The change in other expenses (income) for the three months ended December 31, 2020 and 2019 are reflected in the following table:

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Three Months ended December 31,	2020	2019	Change
Finance income	\$ (36,885)	\$ (410)	\$ (36,475)
Finance expense	94,687	30,240	64,447
Fair value adjustment - government loan	(174,210)	(108,623)	(65,587)
Foreign exchange loss, net	(3,573)	14,226	(17,799)
Net other income	\$ (119,981)	\$ (64,567)	\$ (55,414)

Finance income in the three months ended December 31, 2020 is due primarily to accretion income recorded on the capital contributions receivable from Animalcare.

Higher finance expense in the three months ended December 31, 2020 compared to the three months ended December 31, 2019 is due to primarily to the recognition of interest expense on the current loan payable liability in the current period as well as higher accretion expense recognized on the WD loan in the current period than in the comparative period.

Higher fair value adjustment – government loan income in the three months ended December 31, 2020 compared to the three months ended December 31, 2019 is due mainly to a higher amount of new WD funding received in the current period than in the comparative period.

The change in finance costs (income) for the years ended December 31, 2020 and 2019 are reflected in the following table:

Year ended December 31,	2020	2019	Change
Finance income	\$ (38,300)	\$ (454)	\$ (37,846)
Finance expense	121,556	141,675	(20,119)
Fair value adjustment - government loan	(460,053)	(108,623)	(351,430)
Foreign exchange loss, net	(1,600)	5,984	(7,584)
Net other expenses (income)	\$ (378,397)	\$ 38,582	\$ (416,979)

Finance income in the year ended December 31, 2020 is due primarily to accretion income recorded on the capital contributions receivable from Animalcare.

Lower finance expense in the year ended December 31, 2020 compared to the year ended December 31, 2019 is due to primarily to the recognition of interest expense on both the short-term loan and related party cash advances that were outstanding in the comparative period partially offset by the recognition of interest expense on the current loan payable liability in the current period.

Higher fair value adjustment – government loan income in the year ended December 31, 2020 compared to the year ended December 31, 2019 is due mainly to a higher amount of new WD funding received in the current period than in the comparative period.

Loss and Comprehensive Loss

The loss and comprehensive loss for the three months and year ended December 31, 2020 and 2019 are reflected in the following tables:

Three Months ended December 31,	2020	2019	Change
Loss and comprehensive loss	\$ (945,795)	\$ (1,156,695)	\$ 210,900
Loss and comprehensive loss attributable to shareholders	\$ (816,505)	\$ (1,030,948)	\$ (505,397)
Basic and diluted loss per share	\$ (0.01)	\$ (0.01)	\$ (0.00)

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Year ended December 31,	2020	2019	Change
Loss and comprehensive loss	\$ (3,845,976)	\$ (960,178)	\$ (2,885,798)
Loss and comprehensive loss attributable to shareholders	\$ (3,716,686)	\$ (960,178)	\$ (2,756,508)
Basic and diluted loss per share	\$ (0.03)	\$ (0.01)	\$ (0.02)

LIQUIDITY AND CAPITAL RESOURCES

Since inception, the Company has primarily financed its operations from revenues, public and private sales of equity, the exercise of warrants, loans and convertible notes, government grants and tax credits. As at December 31, 2020, the Company had cash of \$1,007,923 compared with \$834,128 at December 31, 2019.

Cash used in operating activities

Cash used in operating activities for the three months ended December 31, 2020 was \$1,821,698 compared to \$981,663 for the three months ended December 31, 2019. The increase in cash used in operating activities is due primarily to a net increase in non-cash working capital during the current period.

Cash used in operating activities for the year ended December 31, 2020 was \$3,938,970 compared to cash used in operating activities of \$885,372 for the year ended December 31, 2019. The increase in cash used in operating activities is due primarily to proceeds received from a lawsuit settlement in the comparative period.

Cash provided by financing activities

Cash provided by financing activities for the three months ended December 31, 2020 was \$1,299,399 compared to cash provided by financing activities of \$1,586,210 for the three months ended December 31, 2019. In Q4 2020, the Company received \$1,480,000 in proceeds from a short-term loan while in Q4 2019 the Company received net proceeds of \$1,870,158 from the issuance of common shares and the granting of warrants related to the first tranche of its private placement.

Cash provided by financing activities for the year ended December 31, 2020 was \$4,278,877 compared to \$1,811,451 for the year ended December 31, 2019. This increase is due mainly to \$1,000,000 received from Animalcare related to the purchase of its minority interest in STEM, \$1,480,000 proceeds received from a short-term loan and \$925,345 net proceeds received from the issuance of common shares and the granting of warrants related to the second and final tranche of a private placement offering in the current period partially offset by \$1,870,158 net proceeds received from the issuance of common shares and the granting of warrants related to the first tranche of its private placement in the comparative period.

Cash used in investing activities

Cash used in investing activities during the three months ended December 31, 2020 was \$59,679 compared to \$117,750 in the three months ended December 31, 2019. The decrease in cash used in investing activities is due mainly to a decrease in capitalized patent costs in the current period and a reclassification of a loan receivable from short-term to long-term assets retroactive to the comparative period.

Cash used in investing activities during the year ended December 31, 2020 was \$166,112 compared to \$167,376 in the year ended December 31, 2019.

The Company continues to seek additional licensing and distribution partners for its various products and technologies currently in development. This in combination with ongoing royalties and potential milestone payments associated with its existing licensing agreements with Dechra and Animalcare will provide increasing liquidity in the future. The Company also intends to seek maximization of its use of government grant programs in order to offset some of its research costs.

However, it is possible that these sources of cash inflows will not be sufficient to entirely fund the Company's planned research activities and administration costs in 2021. If that is the case, the Company will consider financing alternatives including those used in the past such as private placements and debt financing to raise the necessary capital it requires to fund ongoing operations.

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The Company manages its operational spending and determines its future financing requirements through a process of budgeting and ongoing cash flow forecasting.

Shares, options, and warrants

	March 25, 2021	December 31, 2020	December 31, 2019
Common shares issued and outstanding	108,613,535	108,613,535	101,531,673
Options outstanding	9,299,555	9,399,555	3,949,000
Warrants outstanding	47,174,389	47,174,389	43,499,813

A summary of the Company's share capital may be found in Note 15 of the accompanying financial statements.

CONTRACTUAL OBLIGATIONS

The Company periodically enters into credit and funding agreements, long term contractual agreements for the licensing of technologies, facility and equipment lease agreements and consulting service agreements. The following table presents commitments arising from outstanding agreements in force over the next seven years:

	Payments due by Period					Total
	Within 1 year	2-3 years	4-5 years	5-7 years		
Canadian Dollars :						
Leases	\$ 52,492	\$ 36,134	\$ -	\$ -	\$ -	88,626
Accounts payable and accrued liabilities	1,275,506	-	-	-	-	1,275,506
Due to related party	21,841	-	-	-	-	21,841
Loan payable	1,512,533	-	-	-	-	1,512,533
Long-term government loans	-	30,000	169,800	962,201	-	1,162,001
Consulting Services	60,000	15,000	-	-	-	75,000
	\$ 2,922,372	\$ 81,134	\$ 169,800	\$ 962,201	\$ -	\$ 4,135,507
US Dollars :						
Licence maintenance fees (USD)	10,000	20,000	20,000	20,000	-	70,000
Consulting Services	51,000	-	-	-	-	51,000
Licence maintenance fees (USD)	\$ 61,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	\$ 121,000

GUARANTEES

The Company periodically enters into research and licence agreements with third parties that include indemnification provisions customary in the industry. These guarantees generally require the Company to compensate the other party for certain damages and costs incurred as a result of claims arising from research and development activities undertaken on behalf of the Company. In some cases, the maximum potential amount of future payments that could be required under these indemnification provisions could be unlimited. These indemnification provisions generally survive termination of the underlying agreement. The nature of the indemnification obligations prevents the Company from making a reasonable estimate of the maximum potential amount it could be required to pay. Historically, the Company has not made any indemnification payments under such agreements and no amount has been accrued in the accompanying financial statements with respect to these indemnification obligations.

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OFF-STATEMENT OF FINANCIAL POSITION ARRANGEMENTS

The Company does not have any off-Statement of Financial Position arrangements.

CONTROLS

As a result of the Company's limited administrative staffing levels, internal controls which rely on segregation of duties in many cases are not appropriate or possible. Due to resource constraints and the present stage of the Company's development, the Company does not have sufficient size and scale to warrant the hiring of additional staff to correct this potential weakness at this time. To help mitigate the impact of this potential weakness, the Company is highly reliant on the performance of compensating procedures and senior management's review and approval.

As a TSX-Venture Exchange issuer, the Company is not required to certify the design and evaluation of the Company's disclosure controls and procedures ("DC&P") and internal controls over financial reporting ("ICF"), and as such has not completed such an evaluation.

Investors should be aware that inherent limitations on the ability of certifying officers of a venture issuer to design and implement on a cost-effective basis DC&P and ICFR as defined in NI 52-109 may result in additional risks to the quality, reliability, transparency and timeliness of interim and annual filings and other reports provided under securities legislation.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

The preparation of financial statements in conformity with International Financial Reporting Standards ("IFRS") requires the Company to select from possible alternative accounting principles and to make estimates and assumptions that determine the reported amounts of assets and liabilities at the statement of financial position date and reported costs and expenditures during the reporting period. Management believes that the estimates and assumptions upon which the Company relies are reasonable based upon information available at the time these estimates and assumptions are made. Estimates and assumptions may be revised as new information is acquired and are subject to change.

In addition to the going concern assumption described above, management believes that its most critical accounting policies and estimates relate to the following areas, with reference to notes contained in the accompanying financial statements:

Revenue recognition

The Company's accounting policy over revenue recognition may be found in Note 3(a) in the Company's financial statements.

The Company has consistently applied accounting policies in accordance with IFRS 15 *Revenue from Contracts with Customers* ("IFRS 15") to all periods presented in these financial statements. These policies are as follows:

Non-refundable payments received at the time of executing a license agreement are recognized when the Company satisfies a performance obligation by transferring control of a promised good or service to a customer. The Company concluded that license fees that are paid up front represent a material right to use over the duration of the contract term and as such the Company recognises upfront consideration received as a contract liability (i.e. deferred license revenue) in its statement of financial position. License revenue related to these non-refundable payments is recognized on a straight-line basis over the life of the license agreement.

Revenue associated with license agreement milestones is recognized when it is highly probable that the performance obligation is met and the risk of reversal of revenue recognition is remote.

Royalty income earned from a license agreement is recognized when contractually earned.

Revenue from the sales of goods and services, net of discounts, is recognized when control of those goods has been transferred to the customer or the performance obligation on services is met.

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Research and development costs

The Company's accounting policy over research and development costs may be found in Note 3(f)(i) in the Company's financial statements. Research expenditures are expensed as incurred. Development expenditures are deferred when they meet the criteria for capitalization in accordance with IFRS and the future benefits could be regarded as being reasonably certain. No development expenditures have been capitalized to date and there are no plans to capitalize development expenditures in the foreseeable future. Related Scientific Research & Experimental Development (SR&ED) investment tax credits are accounted for as a reduction to research and development expenditures in the period that they are earned and only to the extent they are refundable. Non-refundable SR&ED investment tax credits are not recorded in the financial statements as there is not assurance at this time there will be sufficient taxable income in the future to utilize those tax credits.

Patents and trademarks

The Company's accounting policy over patents and trademarks may be found in Notes 3(f)(ii) in the Company's financial statements. Patents and trademarks are reviewed for impairment on an ongoing basis whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. If any such indication exists, then the asset's recoverable amount is estimated. An impairment exists when the carrying value of an asset exceeds its recoverable amount, which is the higher of its fair value less costs to sell or its value in use. The fair value less costs to sell calculation is based on available data from observable market prices, less incremental costs. The value in use calculation is based on a discounted cash flow model. These calculations require the use of estimates and forecasts of future cash flows. Qualitative factors, including market size and market growth trends, strength of customer demand and degree of variability in cash flows, as well as other factors, are considered when making assumptions regarding future cash flows and the appropriate discount rate. A change in any of the significant assumptions of estimates used to evaluate the underlying assets could result in a material change to the results of operations.

Impairment losses recognized in prior periods are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed, to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of amortization, if no impairment had been recognized. Write-downs as a result of impairment are recognized in research expense in the statement of loss and comprehensive loss.

Stock-based compensation

The Company's accounting policy over stock-based compensation may be found in Notes 3(h)(ii) and 15(c) in the Company's financial statements. Where the Company issues warrants and stock options (to its employees, directors and officers), a fair value is derived using the Black-Scholes pricing model. The application of this pricing model requires Management to make assumptions regarding several variables, including the expected life of the options and warrants, the price volatility of the Company's stock over a relevant timeframe, the determination of a relevant risk-free interest rate and an assumption regarding the Company's dividend policy in the future.

A summary of all the Company's significant accounting policies and estimates may be found in Note 3 to the financial statements.

RISKS AND UNCERTAINTY

Kane Biotech operates in a highly competitive environment that involves significant risks and uncertainties, some of which are outside of the Company's control. The Company is subject to risks both inherent and not inherent to the biotechnology industry, including:

Risks Related to the Company's Financial Condition

- The Company has not derived sufficient revenues to date from the commercial sale of its antibiofilm technology and products to offset its costs. In light of the length of time and expense associated with bringing new products through commercialization, obtaining regulatory approval and bringing products to market, operating losses are expected to continue.
- The Company has relied upon equity financing to support operations and will continue to need significant amounts of additional capital that may not be available to the Company on favourable terms and may be dilutive.

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- The Company has relied upon non-dilutive government funding to support some of its research and development programs and other operations. This funding is contingent upon certain deliverables being fulfilled as mandated by the government agencies.
- The Company may fail to obtain additional financing and be unable to fund operations and commercialize its product candidates.

The Company intends to raise additional financing, as required, through research, partnering and licensing arrangements, the exercise of warrants and options, equity financing and government funding. However, there can be no assurance that these financing efforts will be successful or that the Company will continue to be able to meet ongoing cash requirements. It is possible that financing will not be available or, if available, may not be on favourable terms. The availability of financing will be affected by the results of scientific and clinical research, the ability to obtain regulatory approvals, market acceptance of the Company's products, the state of the capital markets generally (with particular reference to pharmaceutical, biotechnology and medical companies), the status of strategic alliance agreements, available government funding and other relevant commercial considerations.

Risks Related to the Company's Financial Management

The Company is subject to ongoing foreign exchange, interest rate, credit and liquidity risks. The management of these risks is described in Note 22 of the Company's audited financial statements for the year ended December 31, 2020.

Risks Related to the Company's Business and Operations

- The Company is in various stages of development of its technologies and products and is dependent on the successful commercialization of its technologies and products to prevent and remove microbial biofilms. Delays may cause the Company to incur additional costs which could adversely affect the Company's liquidity and financial results.
- The Company's business is subject to significant government regulation and failure to achieve regulatory approval of its products would negatively affect the business.
- The Company can rely on contract manufacturers as part of its product development strategy, and it would be negatively affected if it is not able to maintain these relationships and/or the contract manufacturers failed to maintain appropriate quality levels.
- Even if product candidates receive all of the required regulatory approvals, there is no guarantee of market acceptance or commercialization of the resulting product candidates, which will be determined by the Company's sales, marketing and distribution capabilities and the positioning and competitiveness of its products compared with any alternatives.
- The Company's industry is characterized by rapid change and a failure by the Company to react to these changes could have a material adverse effect on its business.
- If the Company fails to hire or retain needed personnel, the implementation of its business plan could slow and future growth could suffer.

Risks Relating to the Intellectual Property

- Failure to protect intellectual property, or infringement on the intellectual property rights of others, may impede the Company's ability to operate freely.
- The Company is dependent on strategic partners, including contract research organizations, as part of its product development strategy, and it would be negatively affected if it is not able to initiate or maintain these relationships.

Kane Biotech views patents and other means of intellectual property protection as essential to the Company's core business by protecting the Company's proprietary technology from infringement by competitors. To that end, patents will continue to be filed by the Company to ensure the highest level of protection possible is obtained for its products and technologies. The Company requires all employees, consultants, and parties to collaborative research agreements to execute confidentiality agreements upon the commencement of employment, consulting relationships or a collaboration with the Company. These agreements require that

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all information developed or made known during the course of the engagement with the Company is to be kept confidential. The Company also maintains agreements with scientific staff and all parties contracted in a scientific capacity, providing that all inventions resulting from work performed for Kane Biotech, using its property, or relating to its business and conceived or completed during the period covered by the agreement are the exclusive property of the Company.

Risks Relating to the Company's Common Shares

- The Company has not paid and does not intend to pay any cash dividends on its common shares and therefore, its shareholders may not be able to receive a return on their shares unless they sell them.
- The market price and trading volume of the Company's common shares may be volatile. In addition, variations in future earnings estimates by securities analysts and the market prices of the securities of the Company's competitors may also lead to fluctuations in the trading price of the common shares.
- The significant costs that the Company will incur as a result of being a public company in Canada could adversely affect its business.

To date, no dividends have been declared or paid on the common shares, and it is not expected that dividends will be declared or paid in the immediate or foreseeable future. The policy of the Board of Directors of the Company is to reinvest all available funds in operations. The Board of Directors may reassess this policy from time to time. Any decision to pay dividends on the common shares of Kane Biotech will be made by the Board of Directors based on the assessment of, among other factors, earnings, capital requirements and the operating and financial condition of the Company.