

Nanotechnology value hunters look at Sixth Wave Innovations

written by InvestorNews | May 10, 2022

After the last few days and weeks, it seems almost pointless talking about any company that is publicly traded as it is probably getting crushed, or if you are lucky, only moderately beaten up. However, in times like this you have to look past what the market is doling out on a day to day basis and think about the bigger picture. Perhaps you don't want to be buying today, trying to catch the proverbial 'falling knife', or maybe we are close to a bottom. I don't have a clue. What I do know is that what has happened year to date is not going to prevent me from buying stocks in the future, so I always want to have a giant 'watch list' that I can prioritize when everything goes on sale. Even though it may seem like this is the sale that never ends.

That's why, when there's a broad market sell off like the one we are currently enduring, it's fun to go looking for stocks that are almost free. In this case I'm talking about a company that is trading at an all time low stock price, below \$0.10/share, and market cap of roughly C\$11 million, both of which suggest there could be potential for plenty of upside should any of its several business lines gain traction. I'm talking about [Sixth Wave Innovations Inc.](#) (CSE: SIXW | OTCQB: SIXWF), a nanotechnology company with patented technologies that focus on extraction and detection of target substances at the molecular level using highly specialized [Molecularly Imprinted Polymers \(MIPs\)](#). The Company is in the process of a commercial rollout of its [Affinity™ cannabinoid purification system](#), as well as, [IXOS®](#), a line of extraction polymers for the gold mining industry. The Company is in the development stages of a rapid diagnostic test

for viruses under the Accelerated MIPs ([AMIPs™](#)) label. Sixth Wave can design, develop and commercialize MIP solutions across a broad spectrum of industries for which the Company has products at various stages of development.

Given where we currently stand in the pandemic, the name of the company is a little coincidental, but we need to look beyond that to the investment thesis. Like many companies at the onset of COVID-19, they transitioned to pursue a better way of detecting the virus. In December, 2021 the Company announced it had successfully demonstrated selective binding and detection of live [SARS-CoV-2 virus in saliva samples](#) using its patent-pending AMIPs™ technology, which could lead to a handheld breathalyzer system. This might have you thinking, “who cares, the pandemic is over”. But the development and learning from this process has led to [a partnership](#) with [TraceSafe Inc.](#), to use patented MIPs for imprinting, capturing, and detecting substances at the molecular level to provide an effective and proactive prevention and containment strategy for deadly viruses and pathogens in animals. If you think about the Avian Flu resulting in the culling of tens of millions of chickens and turkeys across the U.S. and Canada at present, there could be plenty of opportunity here. In fact, a widespread bird flu outbreak in 2005 raised alarm bells and prompted the US Senate to [allocate](#) US\$4 billion to prepare for a possible influenza pandemic.

Another active business line is the Affinity™ Extraction Process, an extraction solution specifically designed to extract THC and/or CBD from cannabis/hemp crude for the production of pure THC and CBD compounds. For Cannabis Producers, the Affinity™ unit is designed to capture and extract Cannabinoids to ensure the purest end product. The system replaces antiquated processes including winterization, distillation and chromatography. The highly scalable Baseline unit is designed to produce approximately 20 kg of cannabinoid distillate or full

spectrum distillate per day and each unit is capable of generating gross revenues to Sixth Wave of up to \$100K/month. Agreements are in place for the delivery of four machines, with the first of the three systems to Green Envy Extracts before the end of fiscal Q3 2022 (May) while an MOU for the fourth unit was [signed with Quantum Labs](#) of New Mexico in January, 2022.

The third potential revenue stream could come from IXOS®, a line of extraction polymers formulated for deployment in the gold mining industry for the extraction of gold from cyanide leach solutions. It is designed to be more selective, more efficient, have higher capacity, and offer environmental benefits compared to current processing methods. Sixth Wave's recent patent award and previous work with lithium, nickel, cobalt, rare earth elements, and platinum group metals point to similar potential that has proven successful in gold and silver mining. To that end, the Company has been [engaged by Champlain Mineral Ventures](#) to develop a "green" mining process for lithium from its Brazil Lake deposit. The Company has also submitted proposals to government entities and commercial mining companies to exploit its intellectual property for these critical metals with non-dilutive grants and contracts. This success is translating into a stream of small revenue generating contracts as mining companies move to test IXOS® in the Company's laboratories as well as with on-site pilots.

As you can see, Sixth Wave has a lot of opportunities percolating, with some potentially reaching a level where they could be providing the Company with revenue in the not too distant future. Sixth Wave just [raised C\\$2.6 million in March](#), which should buy them a little more time to achieve that goal. In the meantime, the stock is on sale, along with almost every company that has anything to do with technology. Not to say the stock price can't go lower, but it is almost free right now.

Dr Jon Gluckman provides an update on Sixth Wave Innovations' pathogen detection technologies

written by InvestorNews | May 10, 2022

In a recent InvestorIntel interview, Tracy Weslosky spoke with Dr. Jon Gluckman, President and CEO of [Sixth Wave Innovations Inc.](#) (CSE: SIXW | OTCQB: SIXWF) about Sixth Wave's virus detection technology for SARS-CoV-2 and about their [partnership with TraceSafe Inc.](#) for the detection of viruses and pathogens in animals.

In this InvestorIntel interview, which may also be viewed on YouTube ([click here to subscribe to the InvestorIntel Channel](#)), Dr. Gluckman said that Sixth Wave's virus detection technology is based on molecular imprinted polymer and "...can detect the COVID-19 virus and all its variants, at levels that are better than immunoassay tests." He went on to highlight the growing instances of disease outbreaks in animals caused by viruses and pathogens that can impact our food supplies. Dr. Gluckman also explained how Sixth Wave is working with TraceSafe to develop a first-of-its-kind solution that can prevent and contain deadly viruses and pathogens in animals and provide real-time updates across the entire food supply chain.

To watch the full interview, [click here](#)

About Sixth Wave Innovations Inc.

Sixth Wave is a development stage nanotechnology company with patented technologies that focus on extraction, purification, and detection of target substances at the molecular level using highly specialized Molecularly Imprinted Polymers (MIPs). The Company is in the process of commercializing its, IXOS®, a line of extraction polymers for the gold mining industry.

Sixth Wave can design, develop, and commercialize MIP solutions across a broad spectrum of industries. The company is focused on nanotechnology architectures that are highly relevant for detection, purification, and separation of viruses, biogenic amines and other pathogens, and nutraceuticals for which the Company has products at various stages of development.

To learn more about Sixth Wave Innovations Inc., [click here](#)

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immaterial, may also adversely affect the Company's business or any investment therein.

Any projections given are principally intended for use as objectives and are not intended, and should not be taken, as assurances that the projected results will be obtained by the Company. The assumptions used may not prove to be accurate and a potential decline in the Company's financial condition or results of operations may negatively impact the value of its securities. Prospective investors are urged to review the Company's profile on [Sedar.com](https://www.sedar.com) and to carry out independent investigations in order to determine their interest in investing in the Company.

If you have any questions surrounding the content of this interview, please contact us at +1 416 792 8228 and/or email us direct at info@investorintel.com.

Jon Gluckman of Sixth Wave Innovations on the increased profitability and decreased carbon emissions from gold mines using its IXOS® product line

written by InvestorNews | May 10, 2022

In a recent InvestorIntel interview, Tracy Weslosky spoke with

Dr. Jon Gluckman, President and CEO of [Sixth Wave Innovations Inc.](#) (CSE: SIXW | OTCQB: SIXWF) about how Sixth Wave's IXOS® gold adsorption and recovery technology can help reduce costs and increase yield for gold mines resulting in as much as US\$100/Troy Oz savings.

In this InvestorIntel interview, which may also be viewed on YouTube ([click here to subscribe to the InvestorIntel Channel](#)), Dr. Gluckman said that Sixth Wave's IXOS® purification polymer is eco-friendly and is a superior replacement for the activated carbon used today in the gold mining industry. He went on to explain how IXOS® can provide additional carbon credits for reducing carbon dioxide emissions and help enhance a gold mine's ESG posture. Currently working with some of the major gold mining companies, Dr. Gluckman said that Sixth Wave's IXOS® technology can also be used in silver mining and in that of other high value metals.

To watch the full interview, [click here](#)

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Will Sixth Wave's fast and accurate breathalyzer revolutionize global pathogenic virus testing?

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I'm hopeful that we will soon see this whole COVID issue become an endemic as opposed to a pandemic, and life as we know it, can return to something a lot more like it was before this annoying virus became the bane of our existence. Whether continued mutation of the virus allows us to get on with life or not, we need to be better prepared for the future, so we can get a handle on things sooner and keep the economy rolling, keep the kids in school and get rid of this whole division of society over masking and vaccinations. I've suggested in [past articles](#) that, in my opinion, effective, reliable rapid testing could go a long way to resolving this, and any potential future viruses that come along. However, after getting my hands on the current generation of rapid tests and using them a few times to visit family and friends over the Holiday Season, I find it necessary to add one more descriptor – convenient. I actually stopped going out because the thought of jamming that swab up my nose again brings tears to my eyes and a bit of a queasy feeling.

But what if I told you there is a company out there that is on

its way to developing a rapid breathalyzer test that can identify COVID and potentially many other viruses. I know it has certainly caught my attention. [Sixth Wave Innovations Inc.](#) (CSE: SIXW | OTCQB: SIXWF) utilizes unique applications of nanotechnology called Molecularly Imprinted Polymers (MIPs) for imprinting, capturing, and releasing substances at the molecular level. The technology has applications in multiple areas with a current focus on the recovery of gold, explosives detection, metabolite extraction and medical diagnostics for viruses. Sixth Wave can design, develop and commercialize MIP solutions across a broad spectrum of industries. The company is focused on nanotechnology architectures that are highly relevant for the detection and separation of viruses, biogenic amines, and other pathogens, for which the Company has products at various stages of development.

I'll try to briefly explain how this works without getting into too many hard-core science details given it's mostly over my head. Viruses have unique chemical profiles that result in different shape, size, and surface chemistry characteristics. Sixth Wave designs polymerizable ligands specifically to take advantage of the size, shape and surface chemistry of a target virus or target class of virus to achieve selectivity and sensitivity in diagnostic applications.



Source: Sixth Wave Innovations Inc. [Corporate Presentation](#)

They say a picture is worth a thousand words, but I suspect the diagram above would be a lot more than that if I could properly explain it. My simple analogy is that you build a puzzle with one specific piece missing and the only puzzle piece that will fit in that spot is the COVID-19 virus (or whatever virus or family of viruses you selected to fit your polymer puzzle). If you have the correct piece of the puzzle, it will indicate a

positive result. If that doesn't make sense to you then you can go to the Company's [website](#) and do some more digging on your own because that's the best I've got.

Beyond the science, here is where Sixth Wave currently stands in its mission to stem the tide of emerging outbreaks quickly in order to prevent worldwide pandemics in the future. On December 14th the Company [announced](#) it had successfully demonstrated selective binding and detection of live SARS-CoV-2 virus in saliva samples using its patent-pending Accelerated Molecularly Imprinted Polymer (AMIPs™) technology. The next and final stage of laboratory-based development is to expand testing to a standardized panel of respiratory viruses to confirm that there is no cross-reactivity (or false positives as near as I can tell). Completion of the cross-reactivity testing is the last scientific development step required to produce specificity data before the Company can begin the process of applying for regulatory approval from government agencies such as the U.S.'s FDA and Health Canada.

Sixth Wave's technology overcomes problems that impact current methods to test for COVID-19 that require using biological materials (antibodies) to detect the virus. PCR, Polymerase Chain Reaction, tests are expensive, generally require unpleasant nasal swabs, and rely on laboratory analysis to return results, and as we've seen of late this has completely overwhelmed the system resulting in several days to get results. Rapid antigen tests are faster but significantly less accurate, are also somewhat unpleasant (at least to me) and diminish in effectiveness as the virus mutates. Compare that to a handheld breathalyzer that could be used multiple times by the same user for easier, less expensive, less wasteful testing. Sixth Wave envisions its unit would have a disposable biosensor (cartridge) that is simply replaced upon a positive detection or after a

predetermined sampling time if there is no positive detection.

Personally, I really hope that Sixth Wave can get this technology to the finish line as I think it would be a great benefit to society as a whole. Then there's the potential impact on the share price if they are the ones to come up with the de facto, go-to gadget for simple, convenient and inexpensive virus testing. With a current market cap of C\$27 million and trading almost at its all-time low share price, this could be quite the game-changer for Sixth Wave Innovations.

Tremendous technologies all based around Molecular Imprinted Polymers have investors riding the Sixth Wave

written by InvestorNews | May 10, 2022

Sixth Wave continues to achieve outstanding results at detecting COVID-19 as well as the extraction of cannabinoids, gold & lithium

Innovative methods of detecting and extracting key target materials, such as valuable minerals or even harmful viruses, is

a new forefront of nanotechnology.

Today's company is [Sixth Wave Innovations Inc.](#) (CSE: SIXW | OTCQB: SIXWF) ("Sixth Wave"). Sixth Wave is a nanotechnology company that was established in 2013 and has worked on developing commercial products for military and mining applications. For example, SAFE-T® is a legacy product developed for the US Military for explosives detection, developed with internal resources and R&D funds under multiple contracts with the US Army's Combat Capabilities Development Command Armaments Center (ARDEC) and sold to elements of the US Department of Defense and allied forces.

Since that time Sixth Wave has matured the technology and the applications. Today Sixth Wave's technology has applications across multiple sectors such as mining, medical, defense, and life sciences. Sixth Wave's 3 key products are:

- Accelerated Molecular Imprinted Polymers (AMIPs) – For rapid detection of viruses
- Affinity – For cannabinoid extraction
- IXOS – For gold extraction



[Source](#)

Sixth Wave uses patented Molecular Imprinted Polymers (MIPs) for imprinting, capturing, and releasing substances at the molecular level.

MIPs use polymer synthesis techniques to create smart materials with high affinity for a target



Source: [Sixth Wave Innovation website – About MIPs](#)

The MIP technology can detect and/or extract any number of substances as widespread as the COVID-19 virus, cannabinoids, gold, or lithium.

Detection of viruses

Sixth Wave's Accelerated Molecular Imprinted Polymers (AMIPs) is a Rapid Virus Test for the selective identification of Covid-19 that can give easy-to-read results within minutes. AMIPs will allow for high volume, point-of-use screening in public sector, private industry, hospitals, long-term healthcare facilities, and various forms of public transportation.

On June 10, 2021, Sixth Wave [announced](#) a breakthrough that they had successfully detected the UK and South African Variants of SARS-CoV-2, using two independent techniques: a color-based sensor and independently verified on a Quartz Crystal Microbalance (QCM) based AMIP sensor.

The announcement [stated](#): "The flexibility and robustness of the AMIPs platform was demonstrated again. These preliminary results give evidence to the claims that AMIP technology is resistant to loss of efficacy due to virus mutation and new variants. By imprinting and detecting the whole virus AMIPs can be highly resistant to virus mutation."

Purification and extraction of cannabinoids in cannabis

For cannabis producers, Affinity™ streamlines the traditional processing of THC & CBD. Affinity™ uses MIPs designed to capture and extract cannabinoids to ensure the purest end product and the highest yield.

Sixth Wave recently [announced](#) they had commissioned delivery of its first Affinity™ System. It is estimated that the system will be ready for wet testing at AESI in late September and ready for

shipment to the Sixth Wave's proving laboratory in Maryland shortly thereafter.

Sixth Wave plans to deliver [the first commercial Affinity™ System](#) to Oregon-based Green Envy Extracts in Q4, 2021.

Extraction of gold from tailings

Sixth Wave has developed a revolutionary gold-processing system designed for the mining industry. IXOS® is a faster, cleaner and a more cost-effective method of processing and extracting gold with a higher and purer end product than traditional activated carbon processing.

[Announced](#) on May 18, 2021, Sixth Wave executed a non-binding LOI to test Sixth Wave's patented IXOS® purification and extraction polymer on gold bearing tailings samples from the Barry-Hollinger Gold Mine (BHGM) in Eastern Ontario. The news release [stated](#): "It is estimated there are approximately 200,000 tons of tailings on the property which have been indicated to contain up to 16,000 ounces of gold....Sixth Wave will perform a combination of leaching and recovery tests, expected to start in June 2021, barring COVID-19 restrictions. The tailings test protocol could form the foundation for a business model that seeks to identify and recover gold from tailings at other mine sites in the Ontario mining district and throughout the world."

The global implications are enormous given the massive global tailings available from not just gold mines, but other valuable metals.

Extraction of lithium from brines such as in the Salton Sea area of California

Earlier in 2021, Sixth Wave [acquired 100% of Geolithic Corp.](#) (a JV between TriLateral and Sixth Wave). Geolithic was established

in 2017 to work on the extraction of lithium from geothermal brines located primarily in the Salton Sea area of California, potentially a huge lithium resource. This has become an important area of interest as it may help the USA and others to be able to extract vast quantities of lithium, which will be needed for this decade's electric vehicle and energy storage boom.

Final remarks

Sixth Wave has several tremendous technologies all based around its Molecular Imprinted Polymers (MIPs), which can both detect and extract specific target substances.

Key areas of commercialization that are at the beginning are COVID-19 detection, cannabinoids extraction, gold from tailings extraction, and direct lithium extraction. All of these have enormous potential, as well as the potential to expand into related areas.

Sixth Wave Innovation trades on a market cap of just C\$27 million and, in my view, is one of the most exciting listed junior companies on the market today. Be sure to take a deeper look at Sixth Wave.

Sixth Wave Innovations Dr Jon Gluckman on the colorimetric

detection of SARS-CoV-2

written by InvestorNews | May 10, 2022

In a recent InvestorIntel interview, Tracy Weslosky spoke with Dr. Jon Gluckman, President, CEO and Founder of [Sixth Wave Innovations Inc.](#) (CSE: SIXW | OTCQB: ATURF) about the successful demonstration of [colorimetric detection of SARS-CoV-2](#), the virus that causes COVID-19 utilizing Sixth Wave's Accelerated Molecular Imprinted Polymers ("**AMIPs™**") technology.

In this InvestorIntel interview, which may also be viewed on YouTube ([click here to subscribe to the InvestorIntel Channel](#)), Dr. Gluckman went on to say that colorimetric detection is a method of identifying the presence of a target substance within a test sample by means of a color reagent. He added that the Company is evaluating the detection capabilities of the technology for all the active strains of SARS-CoV-2. Dr. Gluckman also provided an update on Sixth Wave's letter of intent with Halucenex Life Sciences Inc. to explore [a collaboration](#) for the separation of compounds such as psilocybin, baeocystin, and others using molecularly imprinted polymers.

To watch the full interview, [click here](#)

About Sixth Wave Innovations Inc.

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the Accelerated MIPs (AMIPs™) label.

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Will Sixth Wave help prevent a fourth wave?

written by InvestorNews | May 10, 2022

[Sixth Wave Innovations Inc.](#) (CSE: SIXW | OTCQB: ATURF) is a nanotechnology company focused on extraction and detection of target substances at the molecular level. Their products can be very cost effective and potentially eliminate human error from the testing or measurement process. These advantages are derived from the application of patented technologies in the highly specialized field of [molecularly imprinted polymers](#) (MIPs).

Sounds pretty technical so what does that mean to you and me? As we battle a third wave of COVID-19 we are crossing our fingers and hoping vaccines will save the day. Especially given, that for all the talk about rapid testing, we have yet to see an effective, accurate test used in a broad setting to help identify or track the spread of the SARS-CoV-2 virus. And who knows if all the variants that are popping up will continue to

be effectively subdued by existing vaccines.

Enter Sixth Wave and their patent pending Accelerated Molecular Imprinted Polymers (AMIPs™) technology. Last week the company [announced](#) it has successfully demonstrated colorimetric detection of SARS-CoV-2. Colorimetric detection is a method of identifying the presence of a target substance within a test sample by means of color. For example, Green = COVID-19, Blue = Influenza, Red = Rhinovirus. And yes, the test could potentially identify multiple viruses in a single pass with different colors for each. Even better, the AMIPs™ test does not require the use of biological materials which have the potential to result in errors (false positive or false negative). As well, the methodology utilized by AMIPs™ should be more robust in its ability to detect variants because the mechanism used to capture and immobilize the virus is not keyed to a specific Antigen-Antibody relationship. Lastly, this robust, reliable product should result in a lower cost, either to an individual requiring a test or a government trying to get a handle on this annoyingly resilient virus.

Imagine kids going back to school and they all have a mask utilizing Sixth Wave technology. All you need to do is check each student's mask and if it's green the child gets sent home otherwise they are good to go until the next day. Now what if everyone had a mask, or some other device with AMIPs™ technology, then everyone could get back to going to sporting events, concerts or weddings. Even air travel and cruise ships would be able to operate relatively seamlessly based on the individual not being green, so to speak. This could be the solution that gets us back to a semblance of normal.

Unfortunately, as good as this all sounds, Sixth Wave isn't the answer to all our problems just yet. Next steps include building on this initial validation toward the development of a

colorimetric sensor for a potentially wide range of rapid Virus detection devices using AMIPs™. As well, the Company is proposing to create a comprehensive library of molecular imprints for other viral pathogens and variants. This AMIP library will be capable of being licensed for all manner of rapid detection test (RDT) devices and wearables, such as a smart mask, smart clothing and PPE applications, airborne sensors, Breathalyzers, and others. The groundwork has been laid but it remains to be seen if the company can capitalize on its efforts.

Nevertheless, the company has its Affinity™ System which uses MIPs to deliver an innovative purification solution to the cannabis market. First revenue from cannabinoid extraction is expected in Q1/21. As well there is the IXOS product, a line of extraction polymers formulated for deployment in the gold mining industry for the extraction of gold from cyanide leach solutions. Sixth Wave is undertaking pilot plant testing of IXOS technology at a major gold producer (Kinross Gold Corporation). The company recently [raised \\$6M via a private placement](#) which should give them enough cash to continue developing and innovating its product base for another 6 months, give or take. It will be interesting to see if the company can start generating revenue to reduce the cash burn and advance all these exciting prospects.

Sixth Wave's Dr Jon Gluckman

on the First Polymer for Detection of SARS-CoV-2

written by InvestorNews | May 10, 2022

In a recent InvestorIntel interview, Peter Clausi speaks with Dr. Jon Gluckman, President, CEO and Founder of [Sixth Wave Innovations Inc.](#) (CSE: SIXW | OTCQB: ATURF) about their recent news: [First Polymer for Detection of SARS-CoV-2](#)

In this InvestorIntel interview, which may also be viewed on YouTube ([click here to subscribe to the InvestorIntel Channel](#)), Dr. Gluckman went on to say that Sixth Wave is working in collaboration with the University of Alberta to develop COVID-specific Imprinted Polymers that can detect viruses even after they have mutated. Sixth Wave is currently developing this technology specifically for the COVID-19 virus but can potentially be used to detect any virus. He highlighted that the technology is low-cost, easy to use, and scalable.

Speaking on the potential implementations of their technology Dr. Gluckman said that the technology can be used in handheld devices, wearables, and airborne detection tools. Sixth Wave is currently designing, Smart Mask™ that will use the Imprinted Polymers to detect the COVID-19 virus in the user's breath.

To watch the full interview, [click here](#)

About Sixth Wave

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Sixth Wave Hits Key Achievement for a New & Innovative Rapid Detection System for COVID-19

written by InvestorNews | May 10, 2022

Yesterday, [Sixth Wave Innovations Inc.](#) (CSE: SIXW | OTCQB: ATURF | FSE: AHUH) announced a key achievement in the development of its advanced technology for the rapid detection of the virus that causes COVID-19.

Using nanotechnology, Sixth Wave focuses on the extraction and detection of target substances at the molecular level using specialized molecularly imprinted polymers (MIPs).

The company creates a molecular imprint in the polymer for the target substance and then can detect its presence based on the specific size, shape, and/or chemistry of the target.

Announcement of Initial Imprinting

Sixth Wave made a breakthrough announcement yesterday that the research team successfully completed the first molecular imprint of the SARS-CoV-2, the virus that causes COVID-19, using the company's patent-pending process and technology called Accelerated Molecular Imprinted Polymers (AMIPs™).

Over the next few weeks, this imprint will now go through a series of tests at the University of Alberta to determine the accuracy of the virus detection. The imprint process will be modified until a precise process is determined that results in a polymer with an "exceptional accuracy" in identifying the virus.

Once the polymer has reached its efficacy targets, it can then form the basis of various virus detection products including airborne detection tools, hand-held devices, and wearables.

One simple application is adding the polymer to a mask. The mask can then filter out any SARS-CoV-2 virus that tries to pass through the mask and can also change color if the user's exhale contains the virus. A fast, effective and easy way of detecting the COVID-19 virus.

Dr. Jonathan Gluckman, President and CEO of Sixth Wave, commented,

"With the completion of the initial imprint, we've demonstrated the process of making this polymer. More importantly, we now

have an AMIPs prototype customized for SARS-CoV-2, which we can run through a battery of tests, optimizing its design with each successive imprint version. At the end of this process, we aim to have a Definitive Imprint with an extremely high affinity, or attraction, to the Virus, with clinically relevant detection levels and reliability."

Advantages of Sixth Wave's Technology

Currently, COVID-19 testing is expensive and often requires laboratory work, expensive equipment, well-trained technicians, and can take days to get accurate results. In addition, the tests use biological materials that are affected by climate conditions.

Sixth Wave's testing solution has many advantages over a lab-based test – it is simpler, faster, and does not require any skilled person to administer. If the polymer is implemented in a breathalyzer, simply breathe into the device and it will tell you if your breath contains the SARS-CoV-2 virus.

In addition, the polymer can be easily replicated at a low cost, it doesn't need to be stored at low temperatures, and the same process can be used to detect other viruses or diseases.

Technology Already Used in Gold and Cannabis Processing

Sixth Wave's technology has already been used in the gold mining industry. In gold extraction, Sixth Wave's product is called IXOS® and is a line of polymers formulated for the extraction of gold from cyanide leach solutions.

In September 2020, Sixth Wave announced that it signed a non-binding Letter of Intent for the trialing of Sixth Wave's IXOS® purification polymer at Rio2's (TSXV: RIO | OTC: RIOFF | FSE: 1SB) Fenix Gold Project in Chile.

In the cannabis extraction industry, Sixth Wave's Affinity™ system can lower the cost by streamlining the process of capturing and extracting cannabinoids (THC and CBD) while still yielding high purity distillates and isolates.

In April 2020, Sixth Wave signed a deal with Green Envy for the purchase of at least three Affinity™ extraction units. Green Envy is a cannabinoid extraction company specializing in the production of high-quality concentrates, distillates, and edibles. Green Envy will integrate the Affinity™ units into its existing process platform for the production of full-spectrum distillates.

Sixth Wave expects to recognize revenue from this sale starting in the first fiscal quarter in 2021.

Final Thoughts

Sixth Wave can apply its MIP solutions across a broad range of industries. The company is currently commercializing solutions in the cannabis and gold mining industries, and is testing an innovative solution for the detection of the virus that causes COVID-19.

Unfortunately, this current health crisis is not the first global pandemic and probably won't be the last but Sixth Wave's technology could provide a faster and cheaper way for virus detection this year.

Sixth Wave currently trades at \$0.35 with a Market Cap of \$ 30.7 million.

Sixth Wave's Dr. Jon Gluckman talks about the election and the 2nd wave of cannabis investment

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In a recent InvestorIntel interview, Tracy Weslosky speaks with Dr. Jon Gluckman, President, CEO and Founder of [Sixth Wave Innovations Inc.](#) (CSE: SIXW | OTCQB: ATURF) about what a Biden presidential win means for an energized and revitalized cannabis sector.

"We're pretty excited," said Dr. Gluckman, "that in addition to the Biden win it was pretty clear that the referendums on the state ballots in the U.S. were extremely positive and forward-looking for the future of cannabis and the significant expansion in the United States which is obviously a huge market."

Asked about what it means, Dr. Gluckman said that Sixth Wave sees it "as a tremendous opportunity for licensed producers to expand their footprints into different spaces and certainly for new equipment requirements which will include Affinity, so we're stoked." Affinity™ is Sixth Wave's cannabinoid purification system.

Discussing the Affinity cannabinoid purification system revenue model, Dr. Gluckman explains that it work on a "total system performance license" basis, where Sixth Wave provides the technology to licensed cannabis producers on a "small profit margin basis", but then partners to provide upgrades and maintenance in exchange for a portion of the producer's revenue stream. As Sixth Wave's Affinity optimization can save a

projected 50% of a producer's production costs, this mutually beneficial arrangement can create a substantial revenue stream for both the producer and Sixth Wave.

Dr. Gluckman explains to Tracy how the application of Sixth Wave's patented Molecular Imprint Polymers ([#MIPs](#)) technology creates "consistent and high purity" cannabinoid from a producer's raw material that is essential to creating a commercial product.

Regarding revenue expectations, Dr. Gluckman said that they expect to see revenue through a deal with Green Envy as early as December, and ramping up in the first quarter of 2021. Answering Tracy's question about investors who missed the "first wave" of cannabis investment, he said that "the very interesting thing now is that what we have seen is that the growers are all growing," and that "as new states come on board they are all going to need new licensed producers." And since there are federal restrictions on interstate movement of cannabis, production will have to be local to each state, requiring multiple production facilities

"We're really looking forward to it and scaling up significantly next year," Dr. Gluckman said.

To watch the full interview on YouTube, [click here](#).

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