# David Regan of Sona Nanotech provides an update on its agreement with Siva Therapeutics to develop cancer treating therapies

written by InvestorNews | January 27, 2023

In this InvestorIntel interview, Sona Nanotech Inc.'s (CSE: SONA | OTCQB: SNANF) CEO David Regan provides Tracy Weslosky with an update on Sona's commercial agreement with Siva Therapeutics to develop therapies for treating cancer. As a strategic supplier of biocompatible gold nanorods to Siva, David discusses why Sona's minimally invasive gold nanorods are the ideal material for use with Siva's cancer tumor therapy system.

David says that the first targeted application will be for colorectal cancer which is the "second most mortal in the world." David also talks about attracting world-class talent to Sona Nanotech's board, including Neil Fraser, past-president of Medtronic Canada, and Walter Strapps, CEO and co-founder of Carver Biosciences Inc. They join Sona Nanotech director Mark Lievonen, former President of Sanofi Pasteur Limited.

To access the full InvestorIntel interview, click here

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**About Sona Nanotech Inc.**

Sona Nanotech is a nanotechnology life sciences firm that has developed multiple proprietary methods for the manufacture of

various types of gold nanoparticles. The principal business carried out and intended to be continued by Sona is the development and application of its proprietary technologies for use in multiplex diagnostic testing platforms that will improve performance over existing tests in the market. Sona Nanotech's gold nanorod particles are CTAB (cetyltrimethylammonium) free, eliminating the toxicity risks associated with the use of other gold nanorod technologies in medical applications. It is expected that Sona's gold nanotechnologies may be adapted for use in applications, as a safe and effective delivery system for multiple medical treatments, subject to the approval of various regulatory boards, including Health Canada and the FDA.

To learn more about Sona Nanotech Inc., click here

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# Focused on a better future, Siva's cancer tumor therapy system selects Sona's gold nanorod for delivery

written by InvestorNews | January 27, 2023

Today we are going to talk about a company that is making progress in the targeted treatment of cancers without much of the harmful effects of radiation treatments. Drugs and radiation used in treatment of cancers, while effective at killing tumor cells, cause damage to organs and healthy cells. Traditional

methods of radiation treatment involve non-selective irradiation, damaging the normal tissue surrounding a tumor as well as the cancerous cells. Unfortunately, a lot of these side effects are a necessary evil when dealing with the far more insidious damage that can be done by cancer, but perhaps there is hope a better future.

One company working towards a better future is Sona Nanotech Inc. (CSE: SONA | OTCQB: SNANF). Sona is a nanotechnology life sciences firm that has developed multiple proprietary methods for the manufacture of various types of gold nanoparticles. Their principal business is the development and application of its proprietary technologies for use in multiplex diagnostic testing platforms that will improve performance over existing tests in the market. Sona Nanotech's gold nanorod (GNR) particles are CTAB (cetyltrimethylammonium) free, eliminating the toxicity risks associated with the use of other gold nanorod technologies in medical applications. It is expected that Sona's gold nanotechnologies may be adapted for use in applications, as a safe and effective delivery system for multiple medical treatments, subject to the approval of various regulatory boards, including Health Canada and the FDA.

As proof that the Company is advancing its cancer treatment technology, Sona recently announced that it has entered into an agreement to supply certain gold nanorod material to Siva Therapeutics, Inc., a developer of advanced, 'in-vivo' therapies for treating cancer. Siva Therapeutics' Targeted Hyperthermia™ cancer Therapy (THT) is being developed to be an elegant, safe and effective cancer treatment that generates therapeutic heat within solid tumors using gold nanorods with an infrared light device. THT has multiple beneficial effects on tumors, and it is more selective than chemotherapy, less destructive than radiation, and without the risks of surgical treatment. In addition to being more affordable and more effective, this

technology could deliver faster results than current cancer treatments. Siva has completed successful small animal studies for THT and is preparing to undertake large animal studies in 2023 before beginning human clinical trials for colorectal and possibly other cancer tumors.

Dr. Len Pagliaro, Ph.D., CEO of Siva, commented, “Sona’s biocompatible gold nanorods are the ideal material for use with Siva’s cancer tumor therapy system. Gold nanorods offer the highest efficiency of energy transfer and Sona’s are the only ones we have found globally that don’t use toxic CTAB in their manufacturing, assuring safety for ‘in-vivo’ medical applications.“ This is probably why Sona will be issued US$150,000 worth of stock in Siva and the term of the agreement is for ten years. Both positive endorsements for the GNR technology and for Sona.

Other developments going on at Sona include a rapid screening tool to help farmers combat the threat of Bovine Tuberculosis in herds, which is being developed with a consortium of companies as part of a Canada/UK industrial research and development program. It has cost the tax payer £500 million to control the disease in England in the last 10 years. It is estimated that the costs of bovine TB control will top £1 billion over the next decade, if no action is taken. There is also a concussion test for mild traumatic brain injury that aims to detect a series of biomarkers enabling the screening for mild concussions. The test is intended to detect the presence of GFAP (Glial Fibrillary Acidic Protein), a biological marker associated with concussions, typically released into the bloodstream within minutes of an impact to the head. This could be a tremendous benefit to society as a whole, particularly children. But the capitalist in me is thinking about how much the NFL would pay for a product that could see a player be cleared to resume play in a matter of minutes, or perhaps help the Miami Dolphins team

medical staff keep their jobs by not putting Tua Tagovailoa back out on the field when they shouldn't have.

There's a lot of interesting stuff going on at Sona Nanotech. With a market cap of just C$7 million, any success could translate well for investors.

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# David Regan of Sona Nanotech talks about developments in its unique gold nanorod technology

written by InvestorNews | January 27, 2023

In this InvestorIntel interview with host Tracy Weslosky, Sona Nanotech Inc.'s (CSE: SONA | OTCQB: SNANF) CEO David Regan talks about the promising properties of gold nanorod technology and the use of nanoparticles in the human body for advanced medical applications.

In the interview, which can also be viewed in full on the InvestorIntel YouTube channel (click here), David discusses the many potential applications of Sona's nanoparticles and how its gold nanorods are uniquely created with no toxins and are more suited for medical uses such as implantation into the body. David also says he expects to receive shortly a new research and development study of this technology from Dr. Warren Chan's Integrated Nanotechnology & Biomedical Sciences Laboratory at the University of Toronto.

David also talks about attracting world-class talent to Sona Nanotech's board, including Neil Fraser, past chair of Medtech Canada, and Dr. Walter Strapps who served as Chief Scientific Officer of Gemini Therapeutics. They join Sona Nanotech director Mark Lievonen, former President of Sanofi Pasteur Limited.

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# David Regan of Sona Nanotech on bringing their rapid saliva Covid-19 test to the market

written by InvestorNews | January 27, 2023
In a recent InvestorIntel interview, Tracy Weslosky spoke with David Regan, CEO of Sona Nanotech Inc. (CSE: SONA | OTCQB: SNANF) about their rapid saliva COVID-19 test and about why Sona Nanotech is “the gold standard for nanotechnology”.

In this InvestorIntel interview, which may also be viewed on YouTube (click here to subscribe to the InvestorIntel Channel), David Regan said that Sona Nanotech has developed a unique biocompatible gold nanorod technology that has a wide variety of medical applications. Highlighting the absence of a rapid saliva covid-19 test in the market, David went on to provide an update on Sona Nanotech’s partnership with US FDA registered Arlington Scientific to bring Sona’s rapid saliva COVID-19 test to market. David also provided an update on the appointment of two directors to Sona Nanotech’s board with backgrounds with a NASDAQ-listed biotech company and Medtronic Canada.

To watch the full interview, click here.

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# Jack Lifton interviews David Regan of Sona Nanotech on its breakthrough, gold nanorod, medical technology

written by InvestorNews | January 27, 2023

In a recent InvestorIntel interview, Jack Lifton spoke with David Regan, CEO of Sona Nanotech Inc. (CSE: SONA | OTCQB: SNANF) about how Sona is the world's only producer of gold nanorods that are biocompatible and free from any toxins.

In this InvestorIntel interview, which may also be viewed on YouTube (click here to subscribe to the InvestorIntel Channel), David Regan provided an update on Sona Nanotech's proprietary gold nanorod technology and went on to highlight the paramount importance of biocompatibility of gold nanorods in medical applications. Having developed the technology that provides

stability to gold nanorods to allow them to be shipped worldwide, David went on to explain how Sona is becoming a leader in gold nanorod technology.

To watch the full interview, click here.

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# David Regan on Sona Nanotech's

# rapid-result saliva based COVID-19 test

written by InvestorNews | January 27, 2023
In a recent InvestorIntel interview, Chris Thompson spoke with David Regan, CEO of Sona Nanotech Inc. (CSE: SONA | OTCQB: SNANF) about Sona's partnership with FDA registered Arlington Scientific to bring its rapid saliva-based COVID-19 test to market.

In this InvestorIntel interview, which may also be viewed on YouTube (click here to subscribe to the InvestorIntel Channel), David Regan said that Sona Nanotech is a nanotechnology life sciences company with a unique biocompatible gold nanorod platform technology that is free from any toxin. He went on to provide an update on Sona's rapid test development portfolio comprising of a saliva based COVID-19 test and a concussion screening test, the types of which currently don't exist in the market. In the interview, David also provided an update on Sona's research around its gold nanorods for its use in targeted drug delivery and photothermal therapy.

To watch the full interview, click here.

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# Sona Nanotech is seeking U.S. FDA approval for its rapid COVID-19 saliva test

written by InvestorNews | January 27, 2023

Much to my chagrin, it appears this damn COVID virus is refusing to let us be. I guess one positive take-away is that we are learning about the Greek alphabet. I can't say I was familiar with omicron prior to last Thursday, but all of a sudden it's the most talked about Greek letter in the world. Along those lines it would appear we aren't going to shed this virus anytime soon (pun intended), so we are going to have to adapt to it so we can get back to as normal a lifestyle as possible. In my opinion, an easy to administer, reliable rapid test could go a long way towards returning us to our normal day-to-day activities while still giving confidence to all those around us that they are in a safe environment. Obviously, it would have to be more convenient than the one where it seems like they are trying to swab brain tissue behind your eyes, because I know I

certainly won't be signing up to do that every day or two. But a simple saliva swab in the mouth, and 15 minutes later you've got the green light to do whatever, seems like a reasonable solution.

There are a lot of companies out there that are pursuing this holy grail of a reliable rapid test, but the one I want to talk about today is developing a saliva-based rapid screening test, for Coronavirus, derived from a bunch of other interesting applications for their technology. The company is Sona Nanotech Inc. (CSE: SONA | OTCQB: SNANF), and they have developed multiple proprietary methods for the manufacture of various types of gold nanoparticles and are experienced in the development of rapid, lateral flow assay, in-vitro, diagnostic tests. The Company is also involved in research and development into other potential applications for its proprietary technologies.

What makes Sona (the Hindi word for gold) unique is that it has patented, **non-toxic**, metallic gold nanorods (GNRs) which are small particles whose surface plasmon resonance (SPR) frequencies can be altered by modifying their length and width, giving them properties useful in a host of applications, including diagnostics, optical biomedical imaging, and photothermal therapies, to name a few. I recognize that's a lot of science stuff but the key term in the last sentence to focus on is non-toxic. One of the major barriers in the application of GNR based materials is the presence of cetrimonium bromide (CTAB), a cytotoxin. After years of hard work, Sona was able to perfect the process and develop the ability to synthesize large volumes of high-quality gold nanorods free of CTAB. This opened the door to using GNRs as a drug delivery vehicle and for photothermal therapy.

If you check out the Sona Nanotech website there is some pretty

fascinating stuff, even if I don't understand a bunch of it. However, we'll focus on the investment thesis for today. It should be somewhat obvious that a rapid COVID test is what is of greatest importance right now. On November 8th the Company announced a U.S. partnership and preliminary evaluation results for its COVID-19 saliva test. Sona entered into a binding licensing agreement with U.S. FDA registered Arlington Scientific Inc. of Springville, Utah, to bring Sona's rapid saliva COVID-19 test to market. The market was pretty excited about this news as the stock popped 87% the day after the press release, and that was before anyone was aware of the COVID omicron variant. If an FDA Emergency Use Authorization is granted, Arlington will coordinate manufacturing and distribution of the test in the U.S. exclusively on a profit-sharing basis. In other words, Arlington will make it and market it, meaning almost zero cost for Sona to move the product forward (Sona is on the hook for providing key biological materials for testing). This is a very important deal for a company that currently has no revenue and is pretty much focused on R&D.

There are plenty of other developments going on at Sona like a concussion test for mild traumatic brain injury that aims to detect a series of biomarkers enabling the screening for mild concussions, and a bovine tuberculosis test, which is being developed with a consortium of companies as part of a Canada/UK industrial research and development program. Both of which could be future sources of income for the Company but not likely on the scale of a rapid COVID test. Another interesting application of their technology is a possible advancement of radiation therapy in cancer cells by focusing on the treatment. Evidence suggests that GNRs could be more effective at killing tumors with less or no adverse reactions to healthy cells given that traditional methods of this type of treatment involve non-

selective irradiation, damaging the normal tissue surrounding a tumor. Although maybe we'll save the discussion of these applications for another day.

For now, Sona could be in the right place at the right time. After some initial missteps, they have fine-tuned their rapid, saliva, COVID-19 test just in time for the next variant of concern to come along. With just over 65 million shares outstanding they have a market cap of roughly C$28 million based on yesterday's close. A near-term catalyst could prove to be a better shot in the arm for Sona Nanotech than any vaccine.