

Zen Graphene Solutions provides graphene oxide for covid test research



[Zen Graphene Solutions {TSX.V: ZEN}](#)

Reported that it will be providing Albany Pure™ Graphene Oxide for development of a rapid, ultrasensitive and low cost bio-sensor to detect the presence of the SARS-CoV-2 antigen and/or antibodies in COVID-19 suspected patients.

This research is led by Prof. Maxim Berezovski, a full Professor at the University of Ottawa.

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Thunder Bay, Ontario – June 8, 2020) – [ZEN Graphene Solutions \(TSXV: ZEN\)](#) is pleased to report that it will be providing Albany Pure™ Graphene Oxide produced by its Guelph facility for development of a rapid, ultrasensitive and low cost bio-sensor to detect the presence of the SARS-CoV-2 antigen and/or antibodies in COVID-19 suspected patients.

This research is led by Prof. Maxim Berezovski, a full Professor at the University of Ottawa. Prof. Berezovski leads the Berezovski Research Group and the Bioanalytical and Molecular Interaction Laboratory. This research is funded by an initial grant of approximately \$400,000 from the National Sciences and Engineering Council (NSERC).

Francis Dubé, ZEN CEO commented, *“It is an honour for ZEN to support the work of Prof. Berezovski and his international team in their quest for a novel diagnostic test of COVID-19. Graphene ([GRPEF](#)) is a technology enabler and ZEN is focused on the innovations that graphene can bring including in biomedical applications and we welcome inquiries from all industries.”*

ZEN has also partnered with Prof. Aicheng Chen, Canada Research Chair Tier 1 in Electrochemistry and Nanoscience, who was awarded a \$50,000 NSERC Alliance COVID-19 grant for a proposal titled “Development of Advanced Graphene-Based Antiviral Nanocomposites against COVID-19.”

ZEN will be providing an in-kind contribution of \$26,700 in materials, staff salaries and access to its Guelph facility. This project builds directly on results and IP from previous

NSERC CRD/OCE VIP II projects. ZEN looks forward to continuing its strong collaborative relationship with Prof. Chen and his team.

Additionally, ZEN continues development of a potential virucidal graphene oxide-based ink that could be applied to fabrics including N95 face masks and other personal protective equipment (PPE) for significantly increased protection. The Company has produced two batches of samples using different formulations now being tested by Western University's ImPaKT Facility Biosafety Level 3 lab for antiviral activity. ZEN has discontinued its collaboration with Graphene Composites Ltd. previously announced on April 30, 2020.

The Company is not making any express or implied claims that its product has the ability to eliminate, cure or contain the COVID-19 virus at this time.