**Main Site**

**Who Are We?**

Pandecta Inc. leverages cutting-edge analytics to provide comprehensive insights into an individual's health profile. By analyzing thousands of proteins from a single blood sample, we can identify potential health risks and conditions long before they manifest, offering a proactive approach that contrasts sharply with traditional, reactive, healthcare models.

**What Do We Offer?**

Despite advances, we still face significant challenges in predicting and preventing diseases. Existing methods are often reactive and detect illnesses too late. Proactive health management requires a comprehensive assessment. **Pandecta Inc.** offers personal comprehensive proteomic analytics of blood samples providing an unprecedented insight into individual’s health profiles. This facilitates precise, personalized health monitoring, and provides opportunities for timely preventative strategies tailored to each person’s unique biological makeup.

**[Third section – no title in this section]**

**IMAGINE** having better indicators of the presence of disease before it manifests itself.

**CONSIDER** the ability to estimate a risk of a health condition before it manifests.

**ENVISION** the ability to monitor the efficacy of a treatment in real-time at the molecular level.

**PLAN** more thorough, investigative and preventative individual wellness programs never before seen on this scale.

**Bottom**

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Pandecta Inc. is NOT a clinically approved diagnostic (diagnosis of disease), predictive (predicting the best treatment course), or prognostic (predicting future health outcomes) test. Our services provide proteomic data and interpretations that may inform your personal wellness and disease state, which can be used to modify lifestyle choices and prompt further consultations with healthcare professionals. Pandecta Inc. is a healthcare-oriented technology company and not a laboratory or medical provider. We do not provide recommendations or referrals to any healthcare providers. While we provide information about your health, we are not healthcare professionals and do not offer medical opinions, diagnoses, or laboratory services. Our services are not a substitute for medical care. The analysis of your test results should be discussed with your primary care physician or another licensed healthcare professional. All information provided by Pandecta Inc. is for general informational purposes only.

[For buttons]

**ABOUT**

**Our Company**

Pandecta Inc. was founded with a single focus - to enable individuals to proactively monitor and improve their well-being.

Our innovative process can indicate the presence or propensity for over 150 conditions, including over 50 plus cancers, several neurological diseases, various cardiovascular conditions, several types of dementia, mental health disorders, and others. Moreover, it also provides information about general state of your body, including inflammation, infection, aging markers, reproductive health and others.

With Pandecta, you gain the knowledge needed to make informed decisions about your health, paving the way for a healthier, longer life.

**Our Vision**

A world where proactive health monitoring provides foundation for informed, personalized healthcare, helping people achieve optimal well-being.

**Our mission**

To revolutionize health monitoring by offering pro-active precision health strategies that enable informed decision-making and personalized care. Our goal is to empower individuals to take charge of their health through risk estimation, early detection, and comprehensive health insights.

**Our Story**

At Pandecta Inc., our commitment is clear: to empower individuals to make informed health decisions that enable them to live long and healthy lives. While many ailments have a genetic component, environmental factors such as diet, lifestyle, air pollution, exposure to radiation, stress, and other factors, play a significant role in our health. Our goal is to help people take control of their health proactively rather than reactively, making decisions that improve their well-being to prevent, limit, or minimize the manifestation of ailments for as long as possible.

Take breast cancer for example, one of the most extensively studied cancers around the globe. Around 70% of women with BRCA1/2 mutation (up to 72% for BRCA1 & up to 69% for BRCA2) will develop breast cancer by the time they are 70 to 80 years old. In comparison, 13% of women without BRCA1/2 mutation will develop breast cancer. Why? Environmental, reproductive, and lifestyle factors as well as other genetic factors contribute to the disease incidence. Early/late menopause, having children, having children after the age of 30, hormone replacement therapy, diet, alcohol consumption, obesity, and lack of physical activity, are all known contributors to breast cancer incidence.

At Pandecta, we recognize that personalized health strategies must be tailored to each person’s unique biological makeup.

*Personal story from our CEO*

In recent years, many of my friends, in their early 50s and 60s or they children in their 20th (!) have been diagnosed with cancer. In early 2023, my lifelong friend, I will call him Mike, was diagnosed with stage IV, metastatic colorectoral cancer at the age of 52. 5-year survival rate for colon cancer is 91% when detected at stage 1, and 72% when detected at stage II and III. For stage IV, metastatic colon cancer, it drops drastically, to 14%. In Canada, screening guidelines recommend colonoscopies starting at age 50, while in US they start at age 45 (recently lowered from 50). Mike should have had a colonoscopy at age 50 but due to Covid, access to regular screening was limited. Besides, he thought he was in a very good health.

By the time symptoms appeared and he consulted with a physician, it was literally too late. He had a huge tumour at the entrance to the rectum, and more than 20 spots on his liver. His lungs also showed the existence of a tumor. He was seen at one of the best hospitals in Canada, given chemotherapy, shuttled from doctor to doctor, and given mixed messages as to the next steps. It was unclear which cancer to treat first. Colon or rectum? Chemotherapy or surgery?

In early 2024, he was given two years to live and told that they can do nothing for him. Fortunately, he was referred to one of the others excellent hospitals in Canada, where doctors where much more willing to make decisions. Mike underwent aggressive chemotherapy to decrease his tumor mass, surgery to incise colon tumor and part of his liver, was provided a liver pump to deliver treatment straight to his remaining liver and continues on chemotherapy regiment.

Can you imagine the physical and mental toll on Mike’s body and mind?

If anybody can beat the 14% odds, it is Mike. Mike was always in excellent physical shape and while he was never on any diets, he ate healthy. Even now, with his body ravaged by a disease and weaken by surgery and continued chemotherapy, he continues to exercise every day while at the same time, addressing his metabolic health. He is committed to beating the odds, and I am confident that he can.

A point of regret, why wasn’t this detected early? The outcome would have been totally different!

*Proactive Health Management*

Diseases like Dementia (vascular dementia, all-cause dementia, and Alzheimer’s disease) have no cure, but early markers can predict the risk of the disease and with the right health regimen, the onset can be delayed. Nutrition, physical activity, and cognitive training has been shown to prevent cognitive decline among at-risk individuals. Since there is no cure for dementia, prevention or delaying the onset of the disease is the only option. Similar is true for other highly prevalent chronic disease of the 21st century, like cardiovascular disease, diabetes, and cancer, where prevention and early intervention is the key to live a long and healthy life.

At Pandecta, we ask: What can we do to help people address their health proactively rather than reactively? How can we help people live better, even if not necessarily longer, lives?

*Making a Difference*

By providing detailed health insights, Pandecta enables individuals to make informed, personalized changes early, potentially avoiding, deferring, or limiting the full manifestation of many ailments. Our approach focuses on early detection and personalized care, ensuring that health issues are managed before they become life-threatening.

Join Us in the Journey to better health!

**Team**

Edyta Marcon MSc, PhD, MHSc

Co-Founder and CEO

Uros Kuzmanov MSc, PhD

Co-Founder and COO

Hongbo Guo

Co-Founder and CFO

James Oneschuk MBA

Vice-President Sales and Business Development

Director

Gilbert Sharpe LLB, LLM

General Counsel

Director

*Personal story from our CEO*

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At Pandecta, we are not just waiting for people to get sick. We are making it possible for individuals to take control of their health, making proactive decisions that lead to a better quality of life. Join us in revolutionizing health management, and together, let’s create a world where informed, proactive health monitoring is the norm.

**Research Insights**

Links to publications, I will provide

**PROCESS**

At Pandecta Inc., we utilize cutting-edge analytics to provide comprehensive proteomic analysis of blood samples. Our approach offers insights into thousands of proteins simultaneously enabling a thorough understanding of an individual’s health profile, helping to identify potential health risks early on.

**How It Works**

1. **Blood Sample Collection**: Our process begins with a simple blood draw performed at a certified clinical laboratory.
2. **Pre-processing and Mass Spectrometry**: The sample is then processed to enable identification of low abundance plasma proteins.
3. **AI-Powered Data Analysis**: The samples are run through AI-powered analysis, examining the relative abundance of thousands of proteins to access health indicators.
4. **Detailed Health Insights**: AI – assisted comprehensive report is generated within four weeks detailing various health aspects and recommendations.

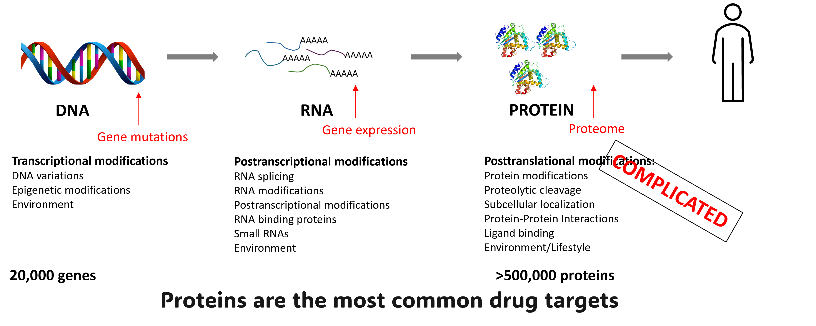
**Innovative Approach**

Pandecta analytics stands out due to its ability to detect and analyze thousands of proteins from a single sample, using AI-assisted human health-related approach providing a holistic view of ones health. This approach offers several advantages:

* **Comprehensive Health Assessment**: A single screen identifies thousands of proteins, providing insights into 150 plus diseases and overall well-being conditions.
* **Efficiency**: Analyzing multiple proteins in one sample streamlines diagnostic, prognostic, and predictive assessments.
* **Improved Precision**: Multiple markers are much more precise indicators of health or disease than a single marker.

**Why Proteomic Analysis Matters**

Proteomics is the large-scale study of proteins. Unlike genomics, which focuses on individual genetics, proteomics delves into the body’s protein expression, offering insights into thousands of proteins (proteome). By analyzing these proteins, we gain a deeper understanding of individuals’ health risks, enabling personalized lifestyle strategies. Proteins serve as essential functional units in the body, from building and repairing tissues to fighting infections and carrying oxygen in our blood. Proteome assessment integrates information from genetic, environmental and lifestyle influences including various illnesses and drugs, providing a complete, in-time snapshot of individuals’ health. Proteome can be used to understand the individual’s factors influencing wellness and disease, but also to facilitate precision medicine to improve early disease detection, stratification and monitoring of patients, before, during, and after, therapeutic interventions



DNA contains instructions for all the proteins (proteome). First, DNA is made into RNA, a process called transcription, or gene expression. DNA variation (mutations), epigenetic modifications and environment can modify gene expression. Moreover, posttranscriptional processes including RNA modifications, splicing folding, etc. affect RNA and influence translation (making RNA into proteins). Postranslational processes can further modify proteins increasing protein diversity and functional specifications.

**Personalized Health Strategies**

Our technology enables the development of personalized health strategies. It is not just about following a generic diet or exercise plan; it’s about tailoring these strategies to each individual's unique biological makeup. This personalized approach ensures that health recommendations are specific to your needs.

**Proactive Health Management**

At Pandecta, we believe in proactive rather than reactive health management. Our goal is to help you make informed decisions about your health before issues arise. By providing detailed health insights, we enable you to take control of your well-being, avoiding, deferring, limiting, and treating many ailments.

**Join Us in Transforming Health Management**

By integrating comprehensive proteomic analysis into your health routine, you can lead a healthier, more informed life. Join us in revolutionizing health management and take the first step towards a proactive and personalized approach to well-being.

**SERVICES**

Many diseases start years before they manifest clinically. Type 2 diabetes can be present for 5 – 10 years on average before being diagnosed due to the slow progression and subtle early symptoms. Heart disease can take decades to develop due to the slow build up of atherosclerotic plaques in the arteries. It is often not diagnosed until chest pain, heart attack, or stroke occur. Changes in the brain associated with Alzheimer disease may begin 10 to 20 years before any signs of cognitive decline appear. Depending on the cancer type, it may take over 10 years for the malignant tumors to manifest. Colorectal cancer can develop over 10 to 15 years from initial benign polyps to symptomatic stage.

These timelines underscore the importance of proactive health monitoring and early intervention. Understanding these development periods can help guide preventive measures and timely medical consultations to improve health outcomes.

By utilizing proteomic analysis, we may detect early markers of disease, allowing for timely interventions as well as predict risk for other ailments that, with proper strategy, can be prevented or at least delayed significantly allowing an individual to live a longer, healthier life, before decline.

Pandecta Inc. informs:

List of diseases and conditions (TBD)

**TESTIMONIALS**

TBD

**GET STARTED**

**Pricing**

TBD

**Application**

TBD

**Contact Us**

Our contact info

[info@pandecta.ca](mailto:info@pandecta.ca)

my phone number

**Privacy policy**

**Terms of Service**