

CHROMOSOME DYNAMICS SA,
CUI RO42234198, J40/1800/2020, Drumul Valea Furcii, nr. 156-158, sc.1, Et. 4, ap.24, sector 6, București
www.chromosome-dynamics.com, investitori@chromosome-dynamics.com, (Tel.) +40 739.616.751



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ISO 9001:2015



Nr. certificat : 3760
ISO 14001:2015



Nr. certificat : 3022
ISO 45001:2018



To:
BURSA DE VALORI BUCUREȘTI SA
AUTORITATEA DE SUPRAVEGHERE FINANCIARA

CURRENT REPORT NO. 13/2023

According to Law nr. 24/2017 regarding issuers of financial instruments and market operations, ASF regulation nr. 5/2018 regarding the issuers of financial instruments and market operations and/or the Bucharest Stock Exchange Rulebook for Multilateral Trading System.

Date of report	10.04.2023
Name of the Company	CHROMOSOME DYNAMICS SA
Reg.Office	Valea Furcii, nr. 156-158, sc.1, ap.24, sector 6, București
Phone no.	0739.616.751
E-mail	investitori@chromosome-dynamics.com
Trade Reg.No	J40/1800/2020
Fiscal Code	RO42234198
Subscribed and paid capital	122.491,8 LEI
Total no. of shares	612.459
Trading market	Stock market shares: SMT AeRO Premium, simbol CHRD

Important events to report: Signing of ORNiT contract

Chromosome Dynamics S.A announces to investors that the company has signed the first contract for ORNiT with a company active in the field of agro-food production (frozen pizza tops) with a volume of 600,000 labels per year, in the amount of 50,000 euros/year. The contract was negotiated on a volume basis, with the client benefiting from a discount.

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The signing of the first ORGNit contract validates the business model and opens new paths to the rapid expansion and implementation of the most efficient hybrid (physical-digital) product security system.

The problem of counterfeiting products in a market in the continuation of the economy has become a major one, with unprecedented economic implications. Chromosome Dynas has developed a traceability system for the agro-industrial market, with the possibility of serving multi-domains for companies that want to protect their products against counterfeiting. **ORGNit** is a complex physical-digital hybrid system that combines the security and traceability of products in such a way that counterfeiting them is impossible.

Built on two pillars - one digital, secured by a QR code combined with a verification key, respectively with a complex encryption system, and the other being represented by security by physical labels with an inserted hologram, **ORGNit protects their products against counterfeiting.**

How does it work?

Compared to the classic product identification system (QR code, EAN barcode, etc.), ORGNit generates for each individual product a unique QR code and a unique verification key associated with the QR code through an algorithm that cannot be reproduced (encrypted information obtained by means of the hardware on which they were generated).

All these fingerprints are printed on special holographic labels and are made available to customers for each type of individual product, package, lot, etc. Customers have the opportunity to scan the code printed on the special label with holographic insert, the information being sent directly to the ORGNit server, where all elements are checked (matching). ORGNit provides an immediate response (<1 second) with the most important information about the scanned product (image, manufacturer, product name, batch, expiration date).

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In what areas can ORGNit be used?

Chromosome Dynamics created ORGNit to support agribusiness, but the traceability and protection system can be applied in any field.

Intended to give origin and traceability to products, ORGNit represents the safest method against counterfeiting original products.

Practical applicability

The special labels with holographic insert will be scanned using a native mobile application (ORGNit app - iOS & Android) by customers who have purchased a product protected by the ORGNit system, and they will receive a notification regarding the originality of the purchased product. Customers will also be able to download the documents associated with each individual product. If the label/code has been counterfeited, the customer will receive a message from the server and have the option to report the product directly to the manufacturer. This allows manufacturers to urgently apply the appropriate measures and allows rapid identification of the point in the distribution chain where the product has been counterfeited.

Also, manufacturers, as a result of customers scanning the codes, will be able to obtain statistical data about the areas/regions that represent end points in product localization. Thus, aiming at the full support of partners, ORGNit also offers an analysis tool that allows specific action on areas of interest or where improvements are needed (on the distribution chain).

Official website: www.orgnit.com

Chromosome Dynamics SA
GENERAL MANAGER
IONEL MUGUREL GABRIEL

