

InterSystems Startup Program

How InterSystems collaborates with innovators



Evgeny Shvarov
Senior Startup
Manager

InterSystems Startup Program Structure

Acceleration Program

- Caelestinus incubator – caelestinus.tech

InterSystems Venture Fund

- Grants
- Equity Investments

Startup Growth Toolkit

- A set of benefits to help startups in growth



Caelestinus Digital Health Incubator



- 6 hospitals from Czech, Slovakia, Israel and Spain
- Partners
 - Astra Zeneca
 - Novartis
 - Venture Funds
- InterSystems Workshops and services
- 20 International Startups

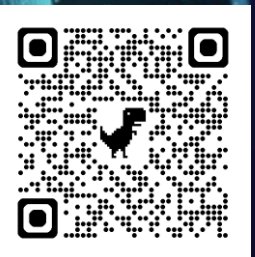
Build a startup for hearts to beat longer.

Our next batch is starting in March 2025. Apply NOW.

Caelestinus is a hybrid Digital Health Interoperability and FHIR Incubator based in Prague. The 3-months hybrid program is powered by InterSystems and supported by IKEM – the biggest transplant center in Europe – and many more.

Meet top healthcare, technology, legal, and marketing mentors. Get market validation. Raise your round. We are open to individuals as well as teams with ideas.

And the best part – it's free, we take NO equity and you don't need to make any hard commitment. take part online or offline. Sounds good to you?

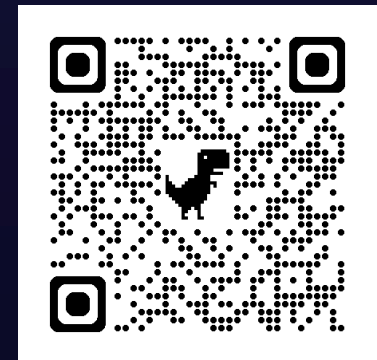


Caelestinus.tech

InterSystems Venture Fund



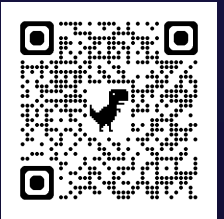
- Offers
 - Grants
 - \$25K to build a PoC
 - Equity Investments
 - \$150K in Equity



InterSystems Venture Fund



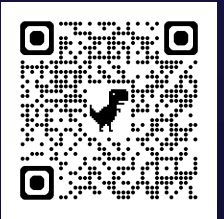
- Digital Health
 - Interoperability FHIR Server
 - Cloud Services
- Fintech
 - Transaction processing
 - “TotalView” Asset Management
- Supply Chain
 - Supply Chain Orchestrator
- AI
 - IntegratedML
 - Vector Search: RAG, GenAI



InterSystems Innovations Growth Toolkit



- Learning & Certification Savings
- Social Media advertising packages (Google Ads, LinkedIn)
- Opportunity to co-host and present on important Industry events



InterSystems Developer Ecosystem



Developer Community

Dev Forum – Q&A – Contests

6 regional versions: EN, ES, PT, JP, CN, FR

29%
Growth YoY

21,300+ members | 22,000+ posts | 10.4M+ reads (views) | 100+ questions monthly



Open Exchange

Application Gallery

10%
Growth YoY

980+ open-source applications | 10,000+ installations/month



Ideas Portal

Product Ideas & Feedback

15% implemented ideas by InterSystems & Community | 400+ ideas submitted



Global Masters

Developer Advocacy, Engagement & Retention

2500+ Members – most engaged developers of the Community worldwide | 2000+ Acts of Advocacy Monthly

developer.intersystems.com



Dev And Startup Events



12+ Contests for developers

Programming Contests,
Tech Articles, Idea-A-Thons

10+ Hackathons

at top universities worldwide

15+ In-person meetups

US, Brazil, Spain, Japan & more

And more...

Webinars, roundtables,
conferences, etc.



InterSystems Innovation Pathway – startup.intersystems.com



Idea

Incubation/
Acceleration

Market

Hacking
Health
Camp
2023



MIT
Grand
Hack
2024



Hackathons



Caelestinus Startu
Incubator

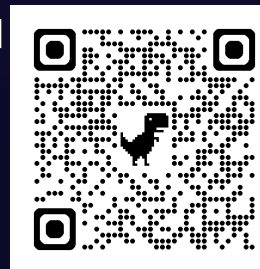


HLTH
2023



Corporate Venture Fund

<https://startup.intersystems.com/>



InterSystems Startup Program in Numbers



<https://startup.intersystems.com/>

Incubation / Acceleration Programs

3

Batches

156

Startups Applied

61

Startups Selected

49

Startups Graduated

Venture Fund

19

Grants Awarded

2

Equity
Investments Made

>10

Startups became Solution Partners

Innovation Examples: Rook (USA)

- IRIS Health Interoperability



SOLUTION

ROOK enables health, insurance & wellness companies to access and make sense of their users' wearable data.

via simple API/SDK integration into their apps (B2B Business Model)



Building the Stripe/Plaid for Wearable Health Data

Innovation Examples: Praxium AI (UK)

- IRIS Health Interoperability
- IRIS Vector Search



Praxium gives generalists the skills of specialists

1

Increases accuracy

2

Increases understanding

3

Increases productivity

MG

Dec 31 2023

R CC

1 image(s)

L CC

1 image(s)

R MLO

1 image(s)

L MLO

1 image(s)

Jan, 2024 > Patient 340100032

R CC

Zoom 39%

L CC

Zoom 39%

R MLO

Zoom 39%

L MLO

Zoom 39%

Dr. Sergej Popovich

Prof. Uwe Flecher

Prof. László Tabar

4

ROI

L CC - Calc

L MLO - Calc

ACR

B

R

2

L

4a

Finding #2, LCC

You (Nicolas Ivanov):

Are these calcinates malignant or benign?
Explain the reasoning

Praxium:

Upon reviewing the mammogram, the calcifications observed can be categorized based on their morphology and distribution.

1. Morphology of Calcifications:

- Benign Characteristics: Round, punctate, or large rod-like shapes typically suggest benign calcifications.

Breast imaging report

Department of Radio-Diagnosis

Date: 26 July 1895

Name: Marie Skłodowska Age: 18 Sex: Female

Patient ID: 07111867 Referring doctor: Pierre Curie

BILATERAL/UNILATERAL (RIGHT/LEFT) BREAST MAMMOGRAPHY

Mammography of both/right/left breast was performed using low dose radiation technique with adequate compression. Bilateral breast/Right breast/Left breast cranio-caudal and mediolateral oblique views have been obtained.

Additional mammography views were obtained (If any) (specify the view and the laterality).

Previous mammogram dated (specify), reported as (BI-RADS 0/1/2/3/4/5/6) is available for comparison.

Clinical presentation:

Breast composition: ACR Category a /ACR Category b /ACR Category c /ACR Category d

Mammography features:

Location of lesion:

Mass:

Number:

Size (cm):

Shape:

Margins:

Density:

Typically benign:

Calcifications:

Suspicious:

Distribution:

Architectural distortion:

Asymmetries:

Intramammary node:

Skin lesion:

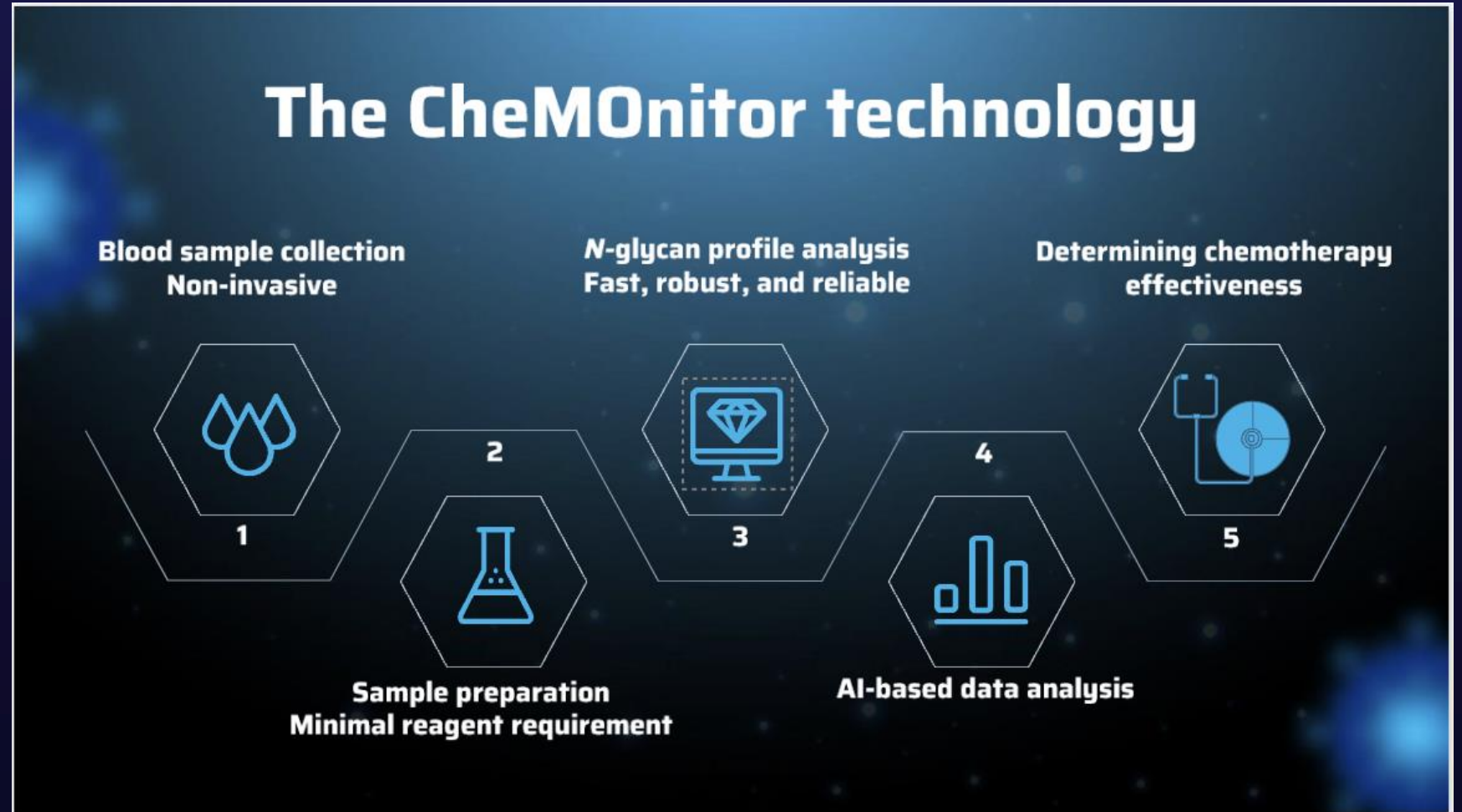
Solitary dilated duct:

Associated features:

Innovation Examples: Chemonitor (Hungary)

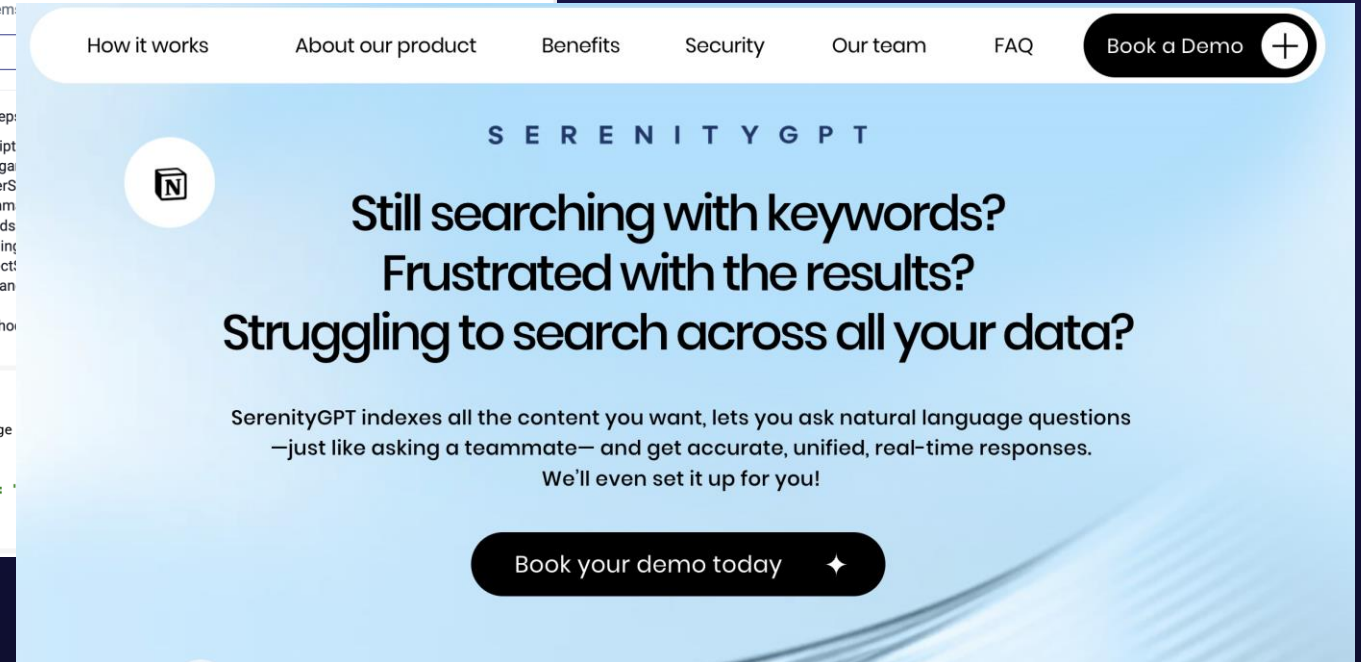
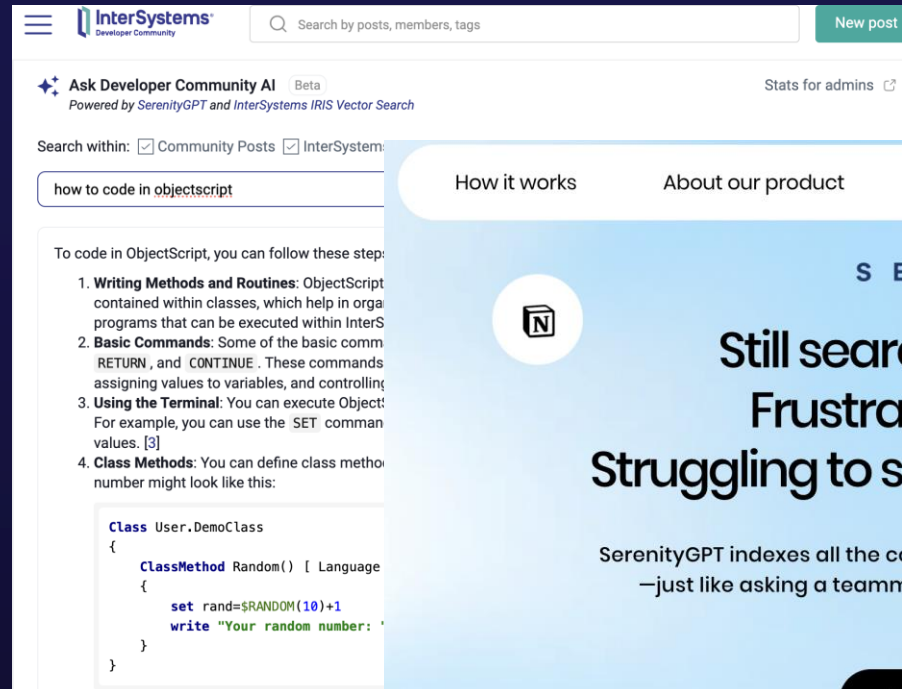
- IRIS Health Interoperability

Predicting the effectiveness chemotherapy in lung cancer patients



Innovation Cases: SerenityGPT (UK)

- IRIS Vector Search



Working Live(!) at InterSystems Developer Community!





Startup.intersystems.com

Vielen Dank

Senior Startup Manager Evgeny Shvarov