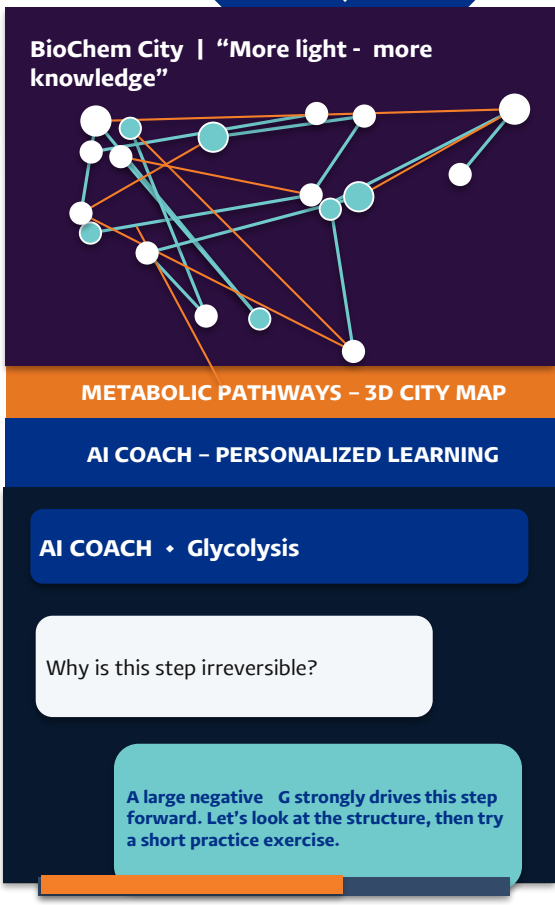
Pécsi Tudományegyetem
1367



BioChem City

AI-powered, gamified biochemistry learning platform



CHALLENGE

Biochemistry is one of the most challenging foundational subjects in life-science education. Students must understand molecular structures, reactions and interconnected metabolic networks at the same time—relationships that static textbook figures often fail to make intuitive.

SOLUTION

BioChem City turns metabolic pathways into an explorable 3D city. More than 150 mini-games help students practise biochemical reactions, while the learning experience is built on a language-independent visual logic. The next-generation concept adds an AI Coach with personalized explanations, practice paths and feedback.

INVESTMENT HIGHLIGHT

10,000+ Google Play downloads and a proven, language-independent product. The next growth step: AI-powered personalization and B2B licensing for universities.

WHAT ARE WE LOOKING FOR?

International licensing and commercialization partners, university / EdTech distribution partners, and AI development partners to scale the new personalized AI Coach version. Focus: institutional B2B licensing, content expansion and international market entry.

THE TEAM



Dr. Balázs Veres
University of Pécs
biochemical scientific content

PTE

Institute of Biochemistry and Medical Chemistry, PTE
University of Pécs Medical School
scientific validation, educational content

TOB

Semse World Ltd.
development partner
app development, operation

TT

PTE Technology Transfer
Research Utilization and Technology Transfer Department
IP, licensing, business development

TRL 4*
TECHNOLOGY READINESS

GLOBAL TAM
life-science higher education

IP / KNOW-HOW
owned by PTE

10K+
Google Play downloads

2 PLATFORMS
Android + iOS

150+
biochemistry mini-games

B2B LICENSE
next market step

LANGUAGE-INDEPENDENT
AI-ready learning logic

Tradíció & Innováció

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