



LEVIN

Exploring the Biology of Space

ABOUT LEVIN



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Exploring the Biology of Space

NAMED AFTER GILBERT V. LEVIN, WHO LED NASA'S VIKING LABELED RELEASE EXPERIMENT (1976), THE FIRST DIRECT LIFE-DETECTION TEST ON MARS. ITS RESULTS SPARKED A DEBATE THAT CONTINUES TODAY.

LEVIN STANDS FOR THE COURAGE TO ASK BOLD QUESTIONS AND SERVES AS A SPACE BIOLOGY KNOWLEDGE ENGINE, EXPLORING EXPERIMENTS AND DISCOVERIES ABOUT LIFE IN THE UNIVERSE.



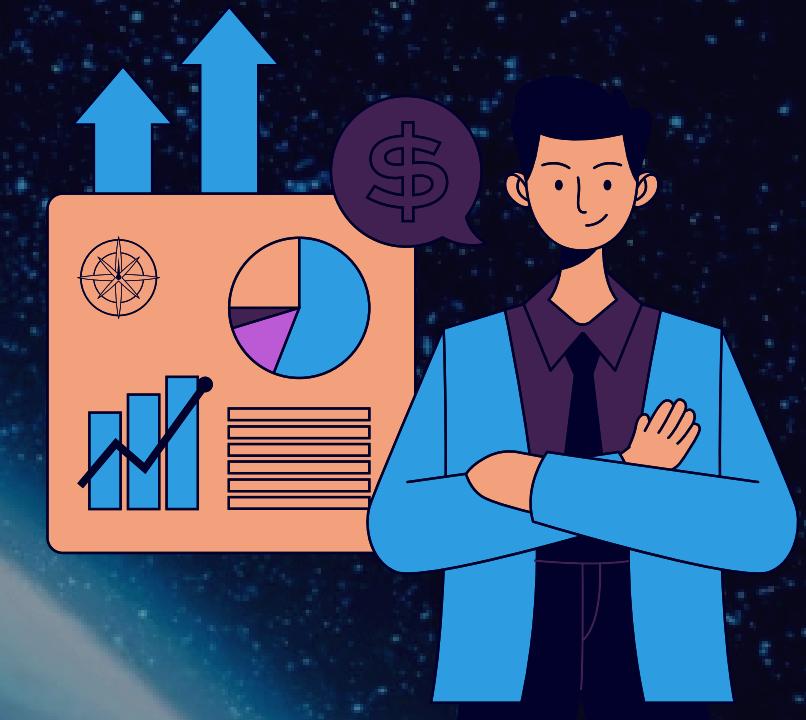
TARGET AUDIENCE



SCIENTISTS
EXPLORING NEW
HYPOTHESES FROM NASA'S
SPACE BIOLOGY DATA



MISSION ARCHITECTS
USING INSIGHTS FOR SAFE
MOON AND MARS
EXPLORATION



MANAGERS & INVESTORS
IDENTIFYING
OPPORTUNITIES AND
RESEARCH GAPS

PROBLEM STATEMENT

ALTHOUGH NASA HAS CONDUCTED DECADES OF SPACE BIOLOGY RESEARCH,
ACCESSING AND USING THIS KNOWLEDGE FOR MOON AND MARS
EXPLORATION REMAINS CHALLENGING.

KEY ISSUES:

- RESEARCH IS SCATTERED ACROSS HUNDREDS OF PUBLICATIONS
- FINDING RELEVANT INFORMATION IS TIME-CONSUMING
- INSIGHTS ARE DIFFICULT FOR SCIENTISTS, PLANNERS, AND DECISION-MAKERS TO EXTRACT
- CURRENT TOOLS DO NOT SUMMARIZE OR VISUALIZE RESULTS OF SPACE BIOLOGY EFFECTIVELY



OUR SOLUTION

1 CENTRALIZED KNOWLEDGE HUB



UNIFYING NASA'S SCATTERED STUDIES, GAPS, AND OPPORTUNITIES INTO ONE ACCESSIBLE PLATFORM.

2 AI-POWERED CHATBOT & SUMMARIZATION



SMART ASSISTANT THAT ANSWERS QUESTIONS AND PROVIDES CONCISE SUMMARIES FROM NASA PUBLICATIONS.

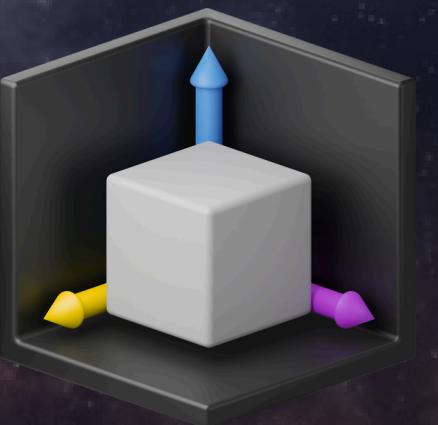
OUR SOLUTION

3 DASHBOARDS & VISUAL TOOLS



SCIENTIFIC CHARTS, GAP BUBBLE MAPS, AND INTERACTIVE MODELS FOR EXPLORING RESEARCH INSIGHTS.

4 3D INTERACTIVE MODELS



VISUALIZING CELLS, MICROBES, PLANTS, AND RADIATION EFFECTS IN 3D FOR MAKING RESEARCH ANALYZABLE.

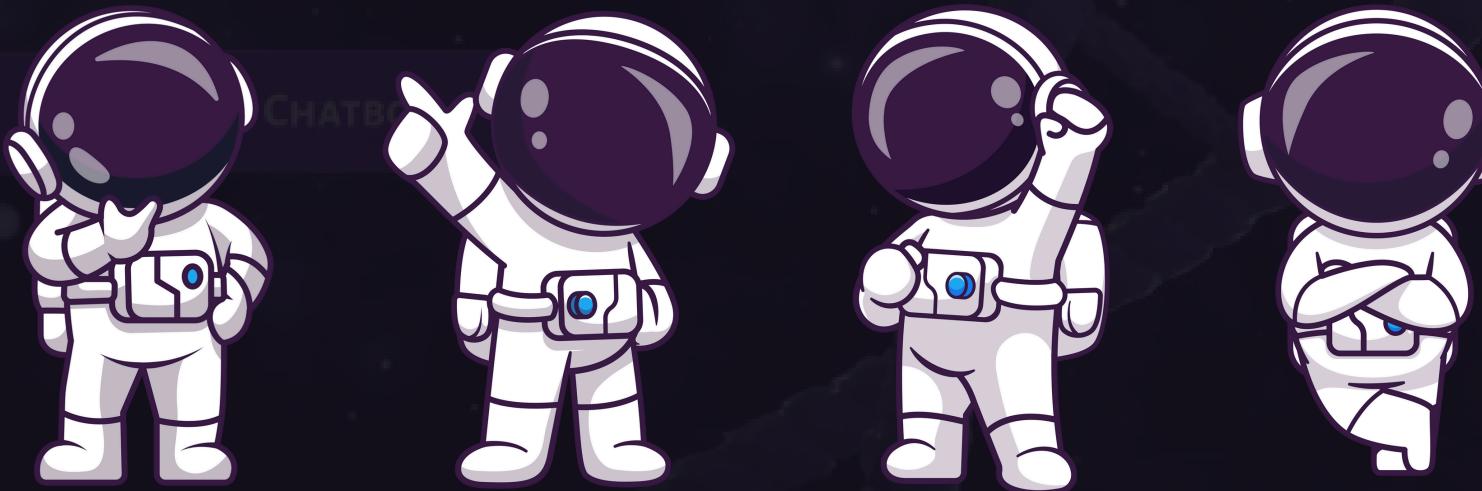
5 MOBILE-FIRST EXPERIENCE



FOR BEGINNERS. PROVIDES SIMPLIFIED CONTENT, RESEARCH GUIDES, AND TOOLS TO VERIFY USER'S PUBLICATIONS

EXPLORE DATA

CHATBOT



LETS EXPLORE OUR LEVIN PLATFORMS !



HUMAN HEALTH



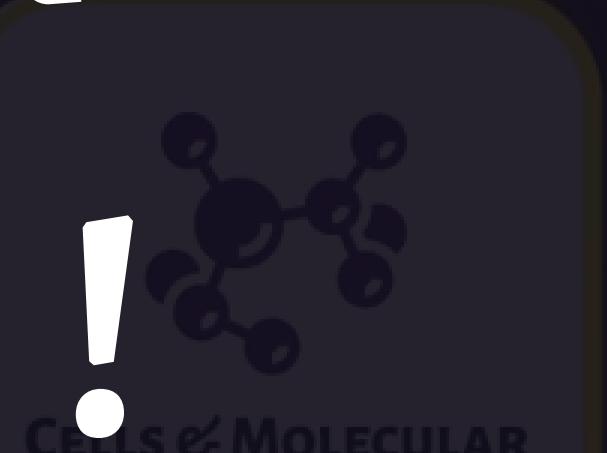
PLANTS & FOOD



MICROBES IN SPACE



RADIATION EFFECTIVE



CELLS & MOLECULAR

AI AGENT > LEVIN APP > LEVIN WEB