

Doraemon's Health Secrets: The AI "Fortune Teller" in Your Blood!

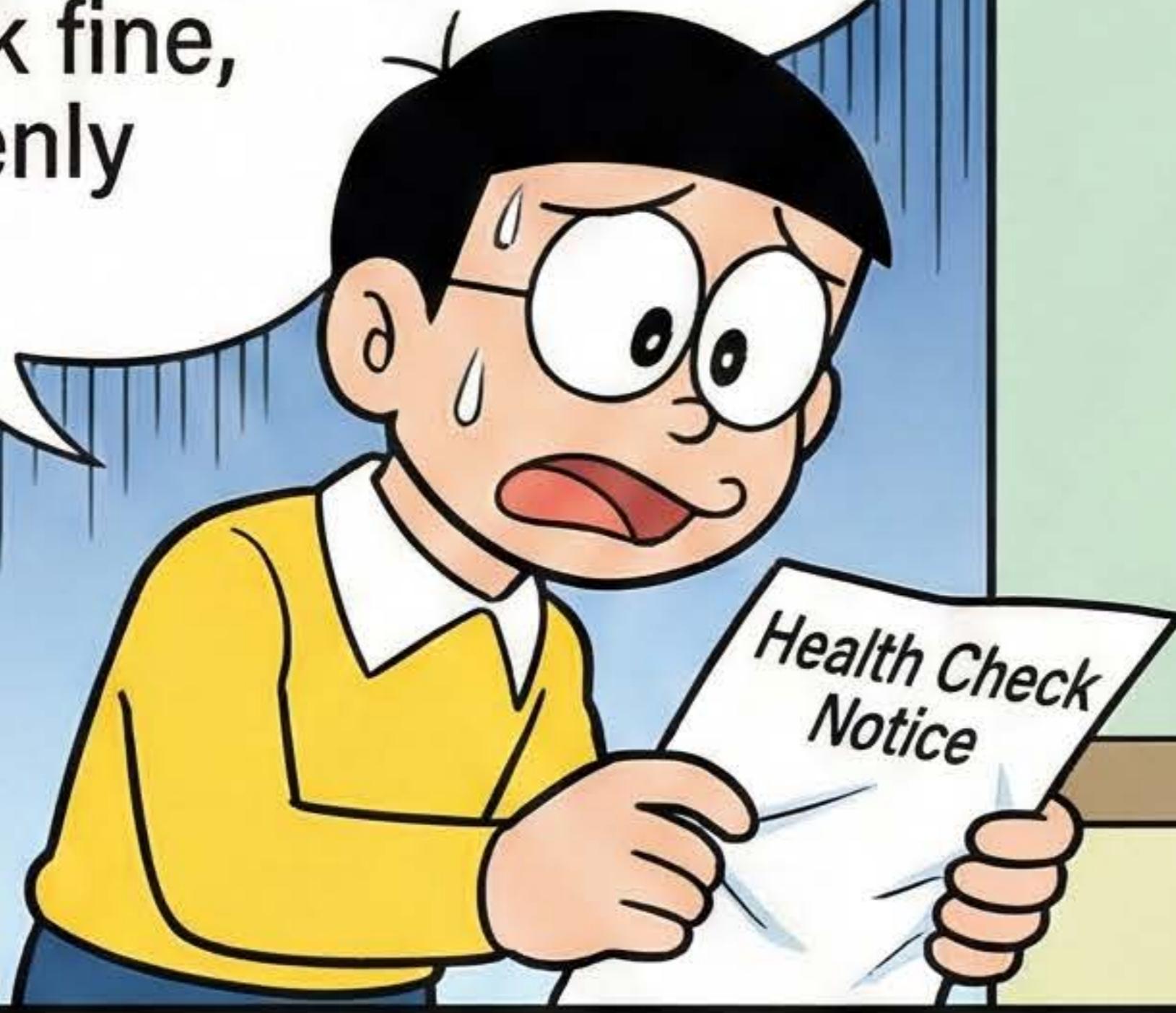
Use future tech to foresee risks 15 years early!
Genomics, Proteins, Metabolites—Doraemon explains
the secrets inside your veins!



Chapter 1: Nobita's Worries

Ugh... another health check-up.
Doraemon, I heard heart
disease is the #1 killer!
People look fine,
then suddenly
collapse!

(Munching)
You're too young to worry!
But you're right,
cardiovascular disease
is serious.



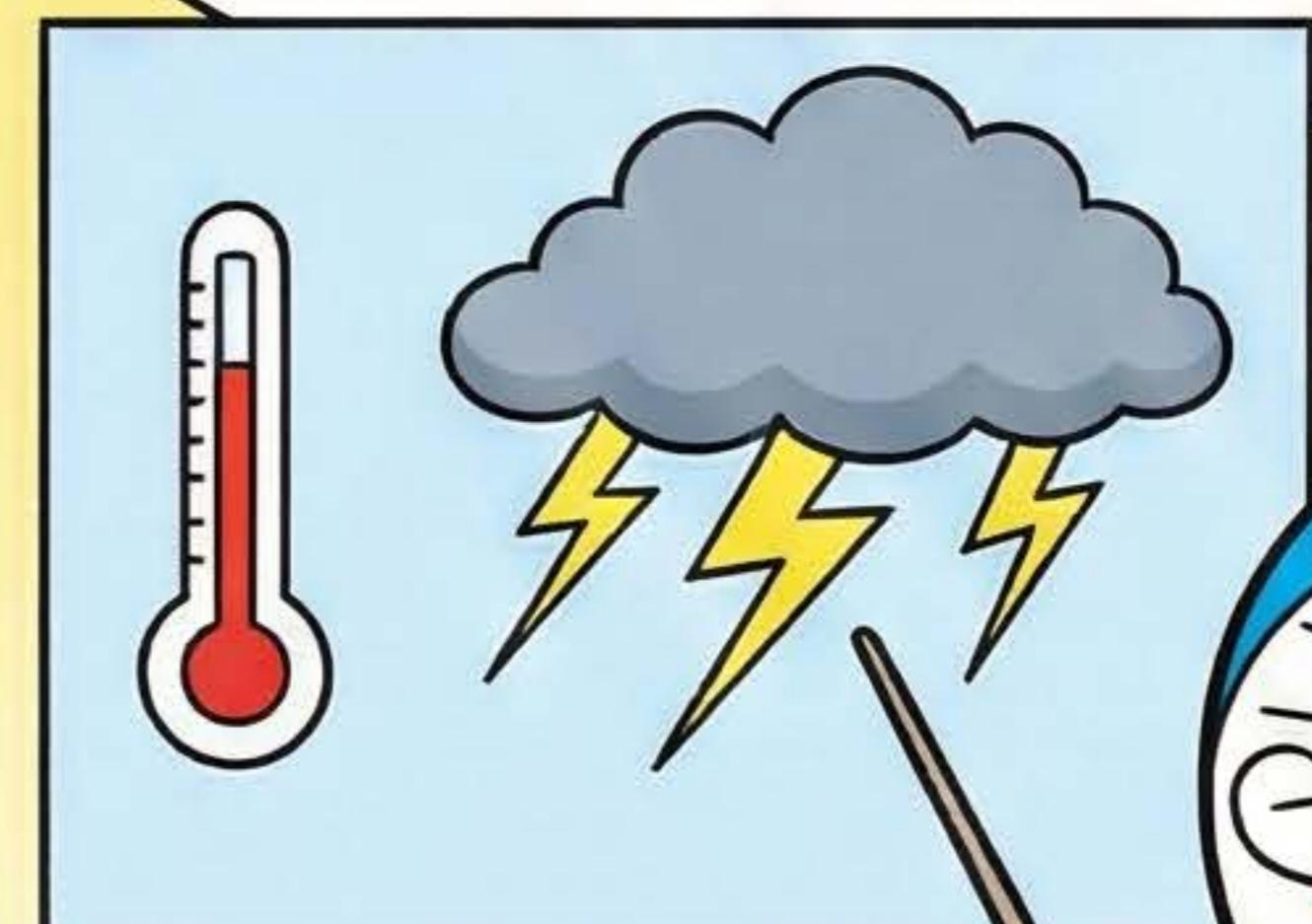
The problem is, traditional
tests like blood pressure
or cholesterol
are hard to spot high-risk
people early on.



Even doctors struggle to
tell? That means it's hard
to prevent!



Current methods rely on too few
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Chapter 2: Into the Micro World

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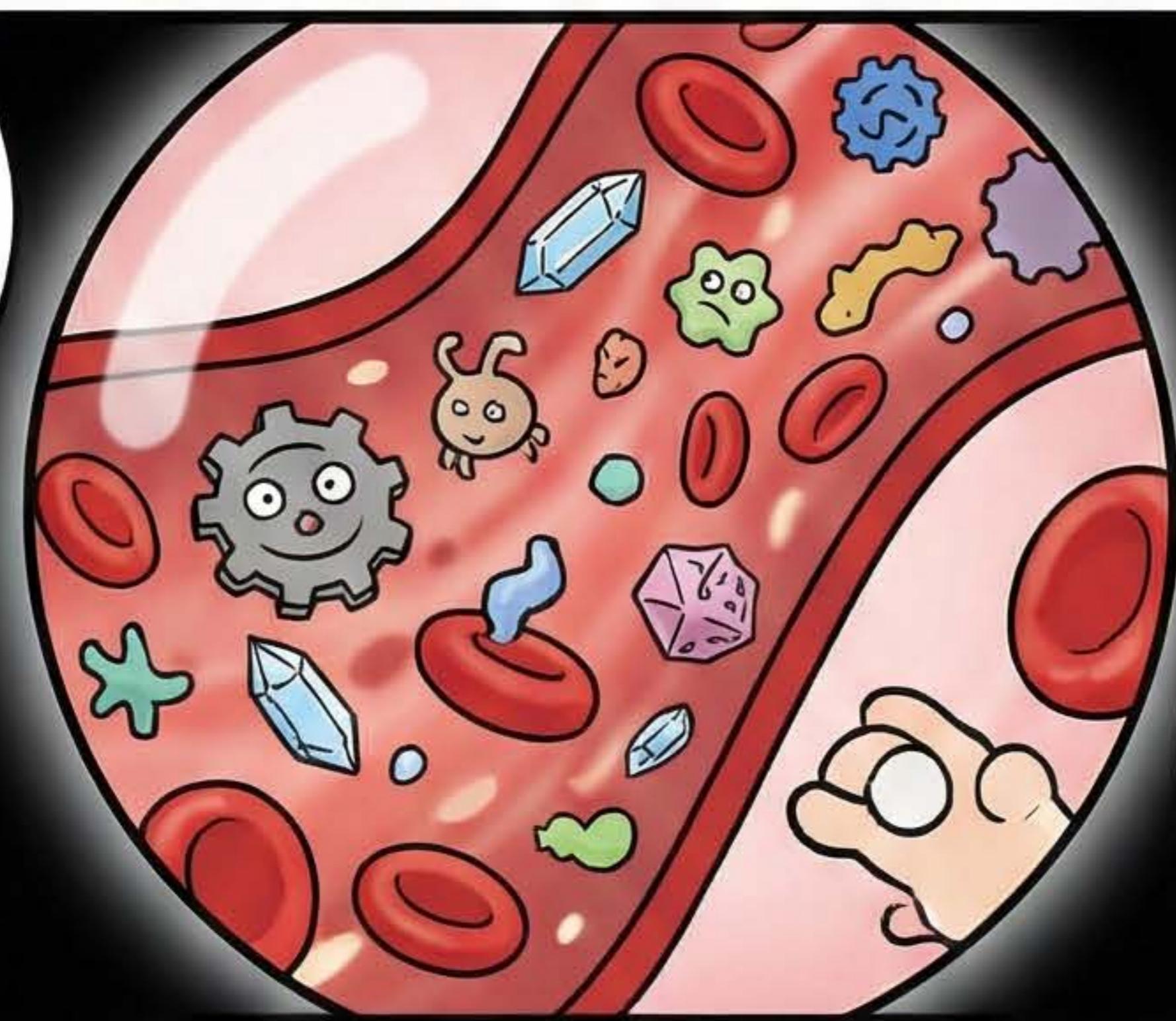


Ta-da!

Micro-World Perspective Glass

Ta-da! We need to see what's happening *inside* the blood! Technology is now in the 'high-throughput omics' era. We can check thousands of tiny substances at once!

Woah! So many weird things! What are they?

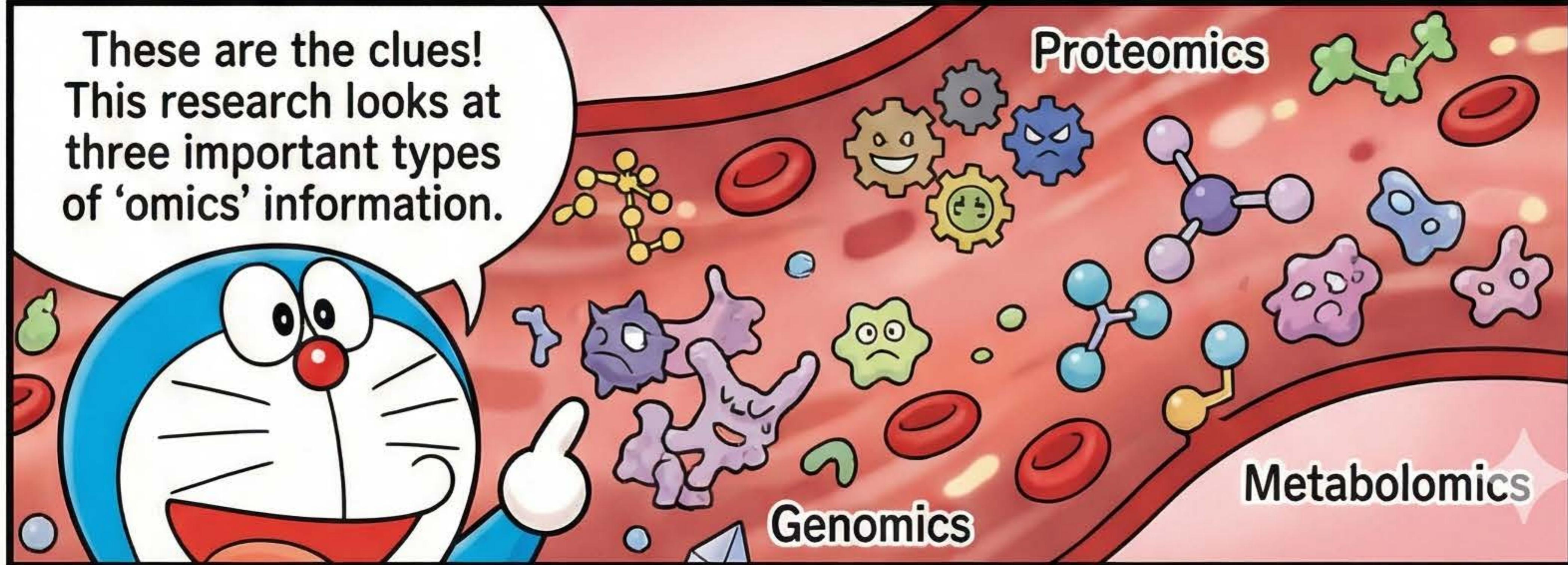


These are the clues! This research looks at three important types of 'omics' information.

Genomics

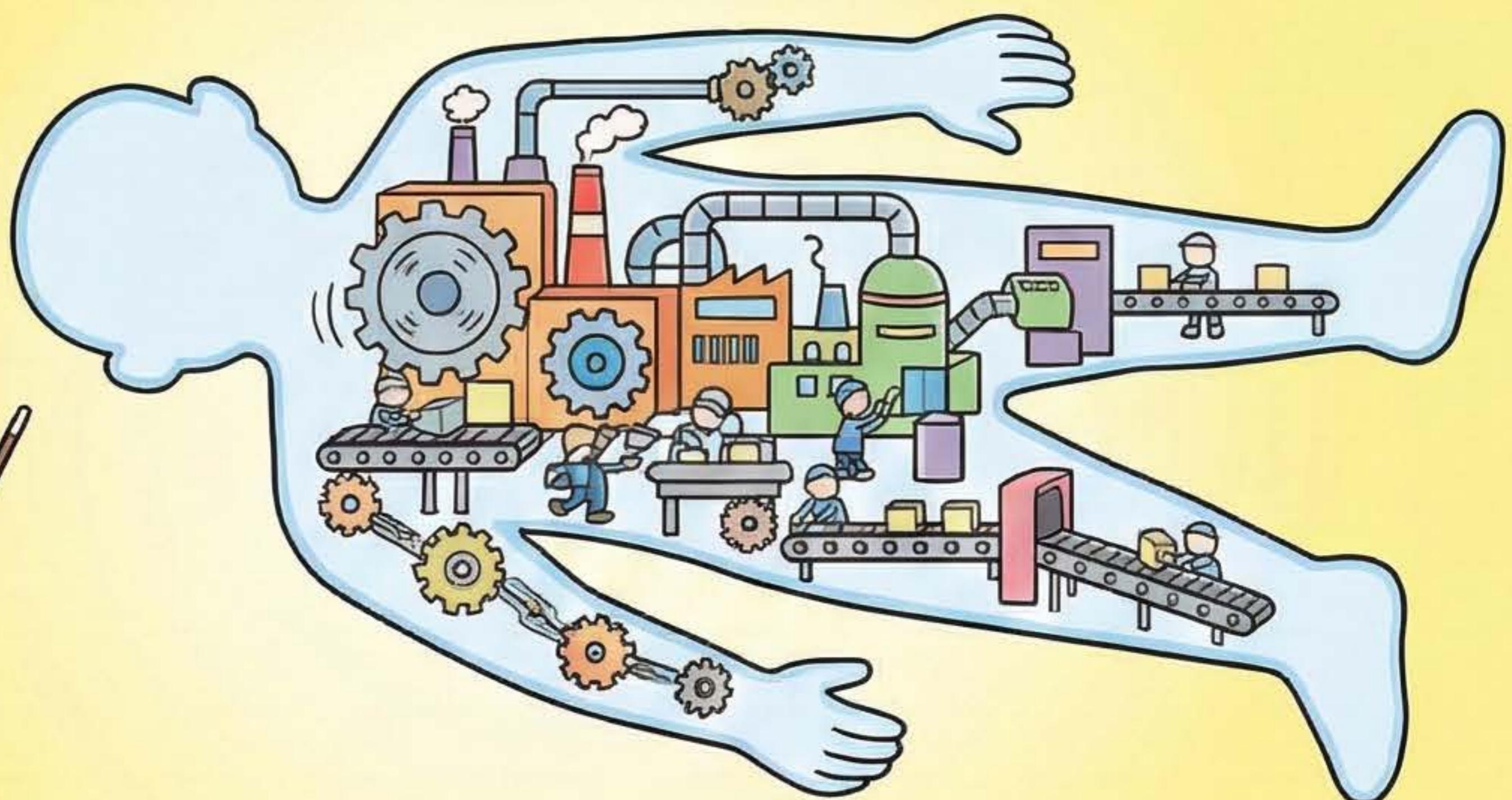
Metabolomics

Proteomics



Chapter 3: The Body Factory's Departments

Think of the body as a giant factory! To understand how it works, we need to check three core departments.



Genomics

First is "Genomics". These are the factory's design blueprints, determining the inherent foundation.

Design Blueprints

Proteomics

Then there's "Proteomics". They are the hard-working machines and workers, carrying out various tasks! This research checked 2,920 types!

Machines & Workers

Metabolomics

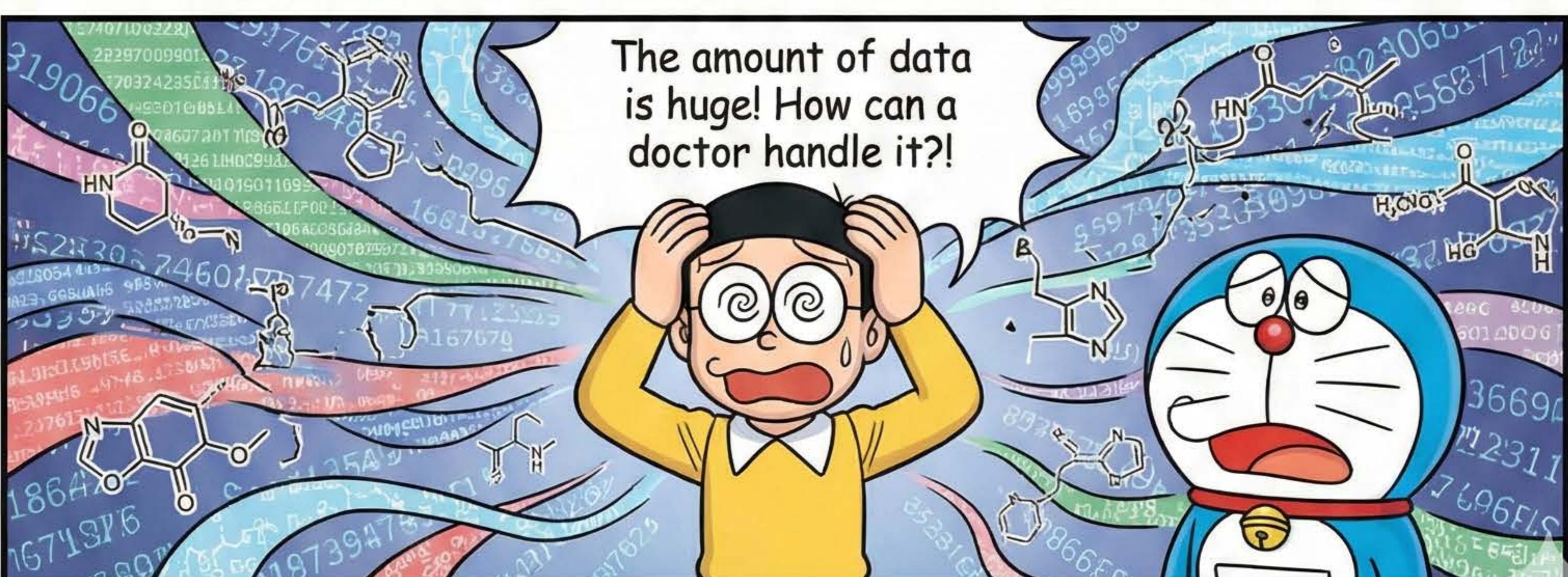
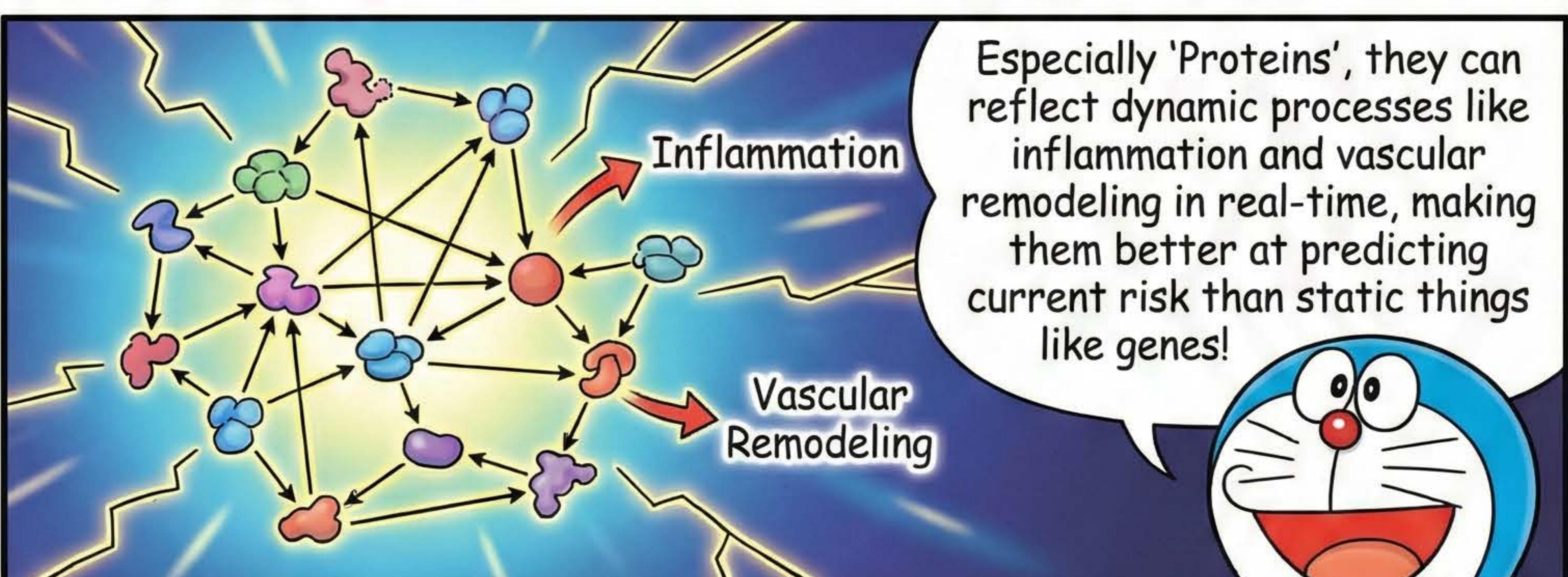
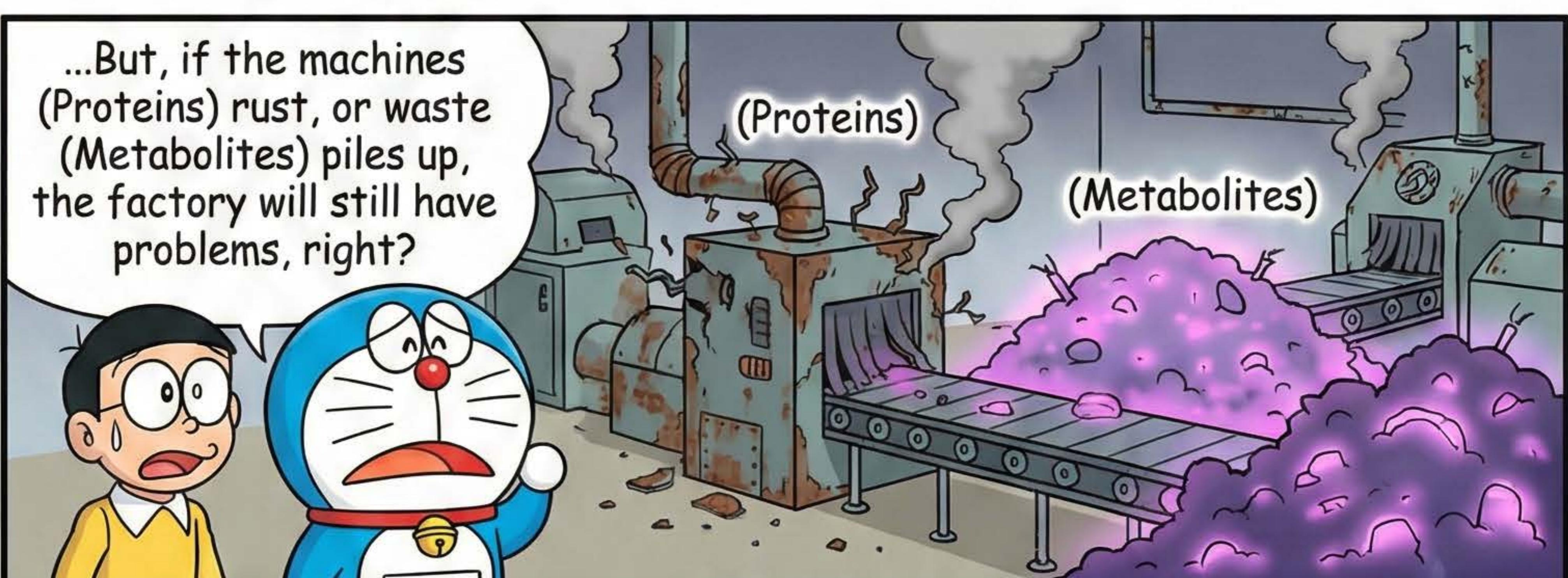
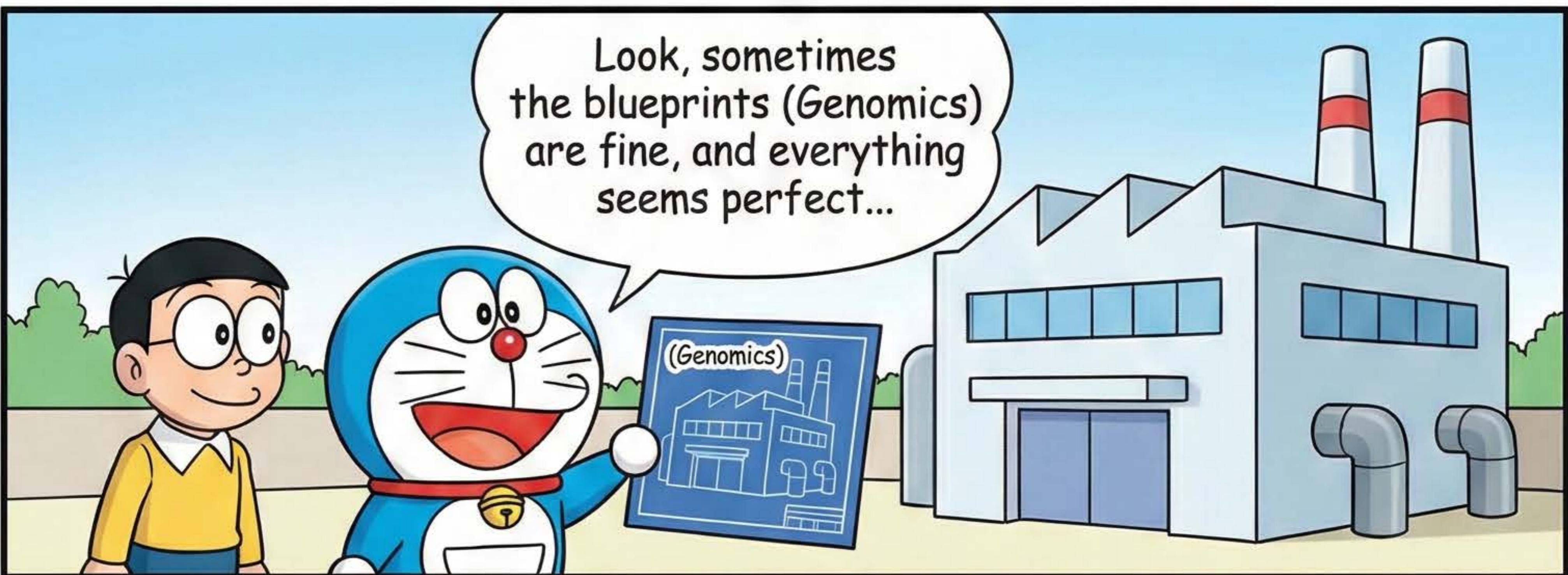
Wow! So my body is this lively inside!

Fuel

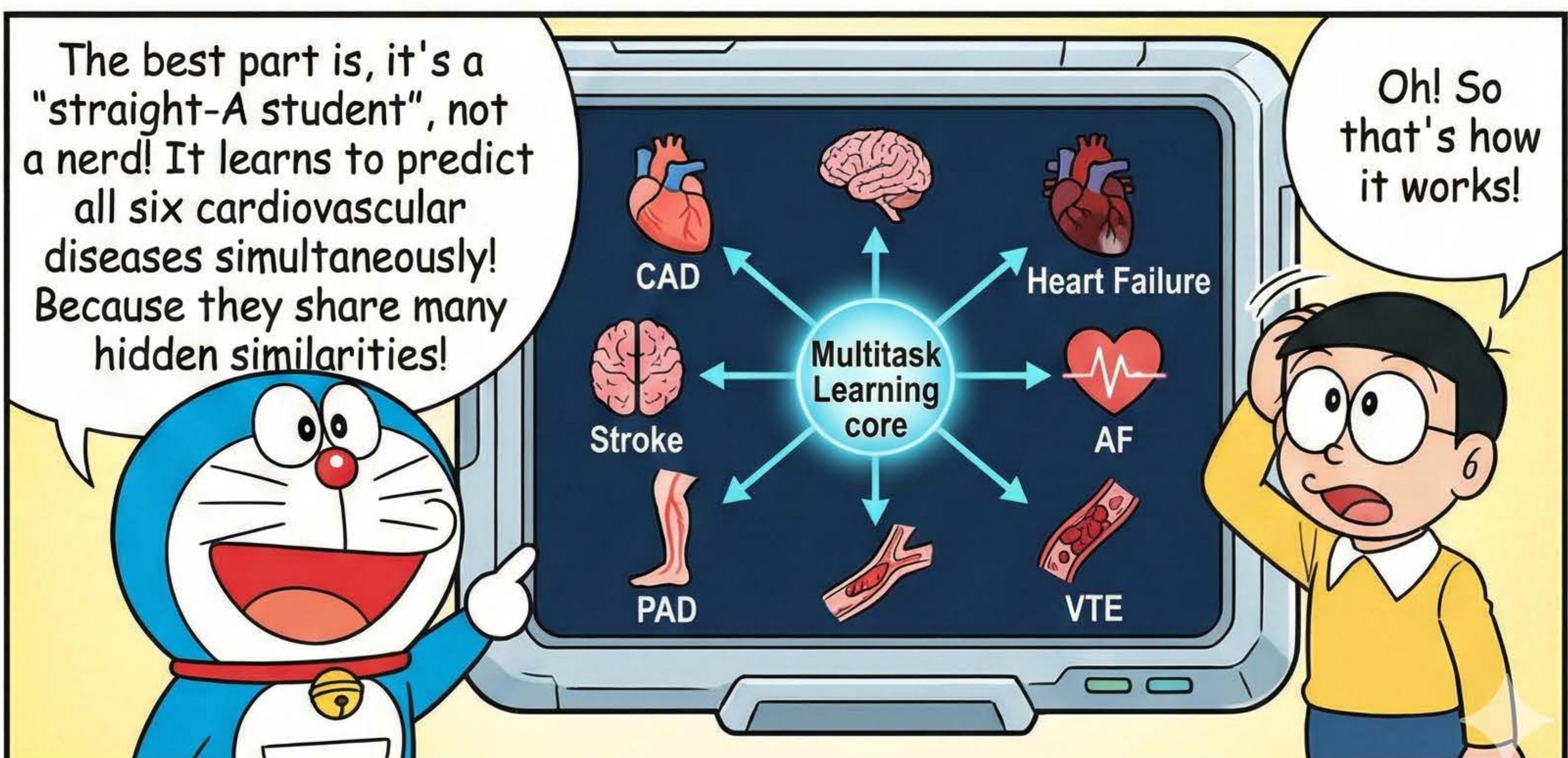
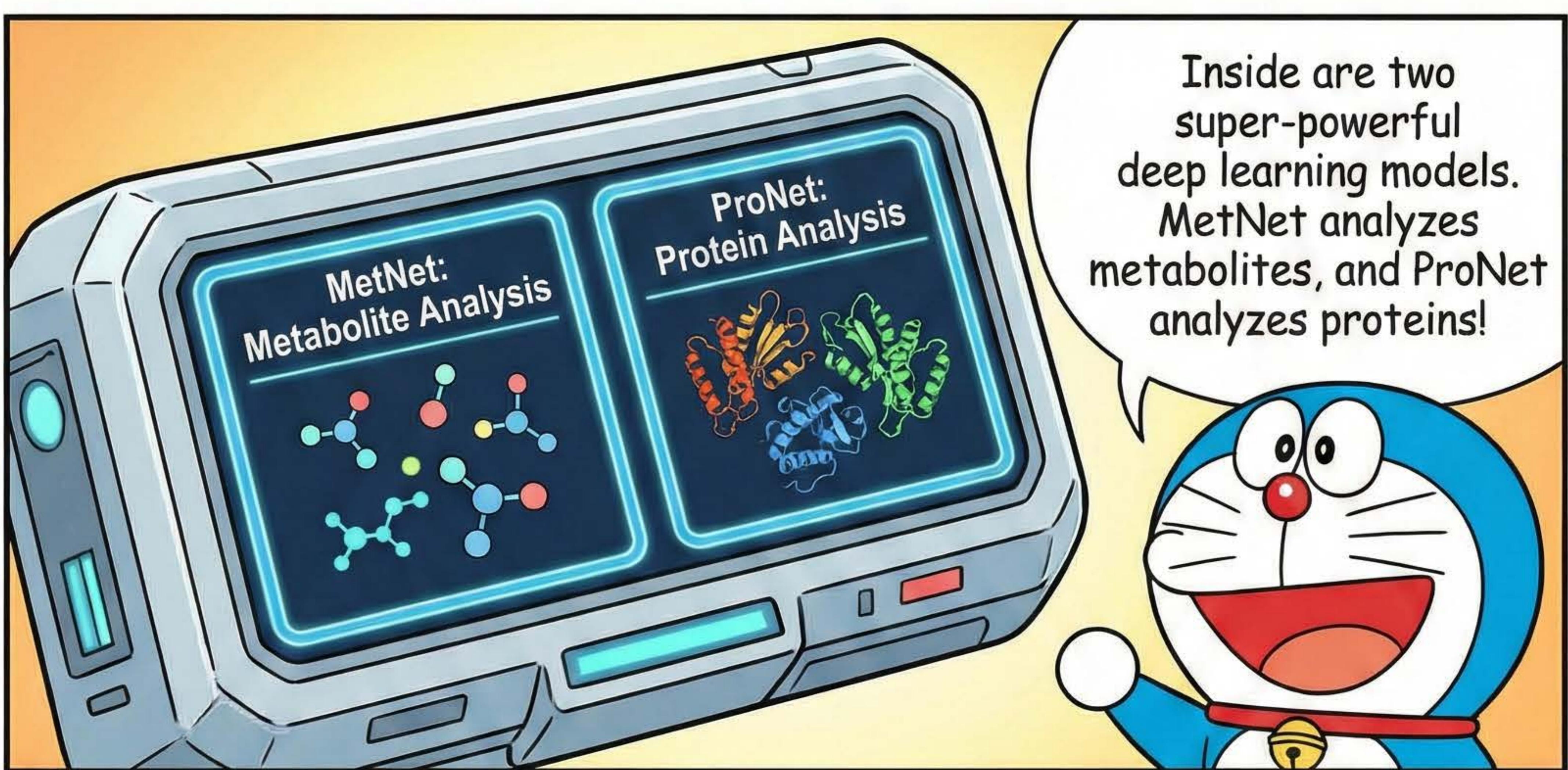
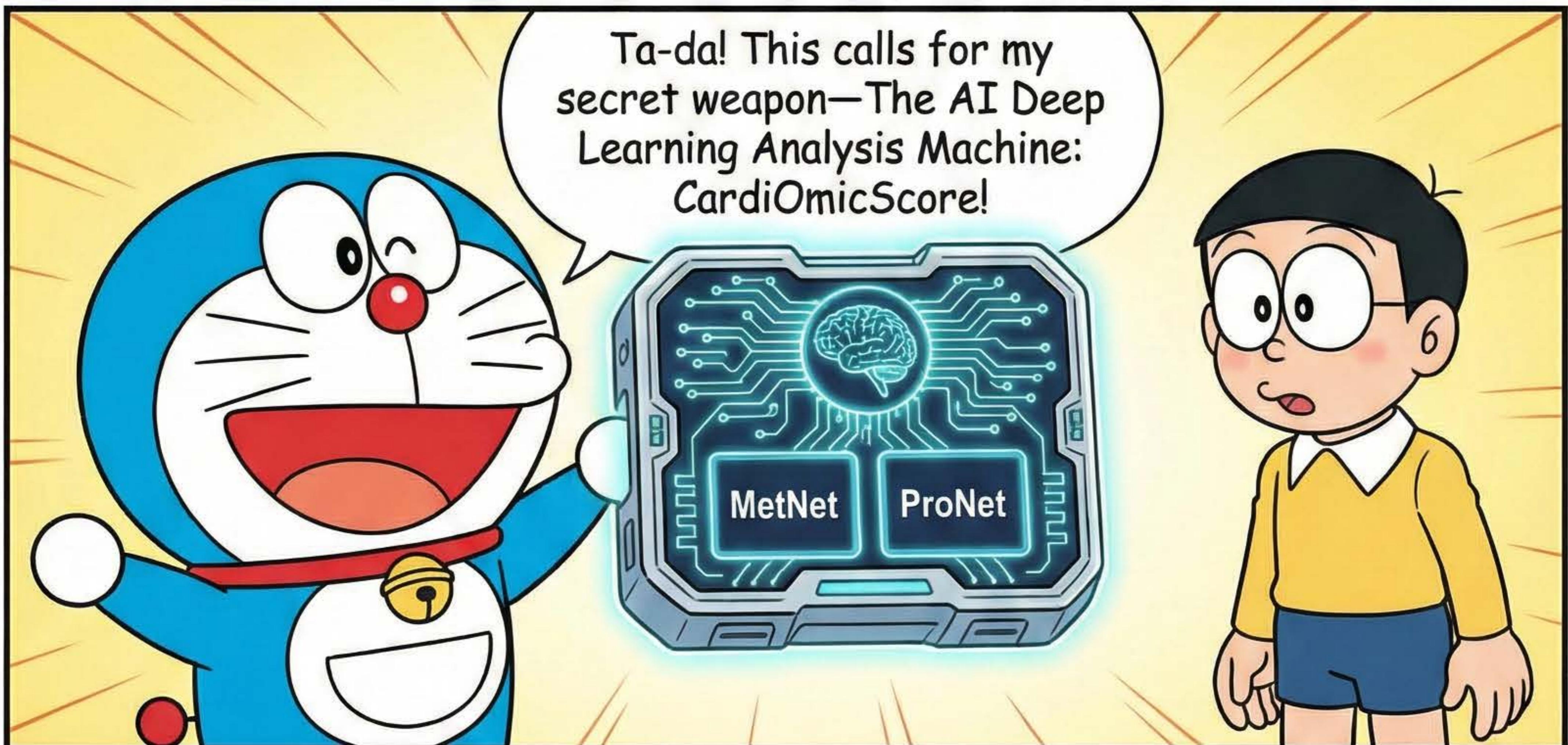
Waste

Finally, "Metabolomics", reflecting the fuel consumption and waste production during production.

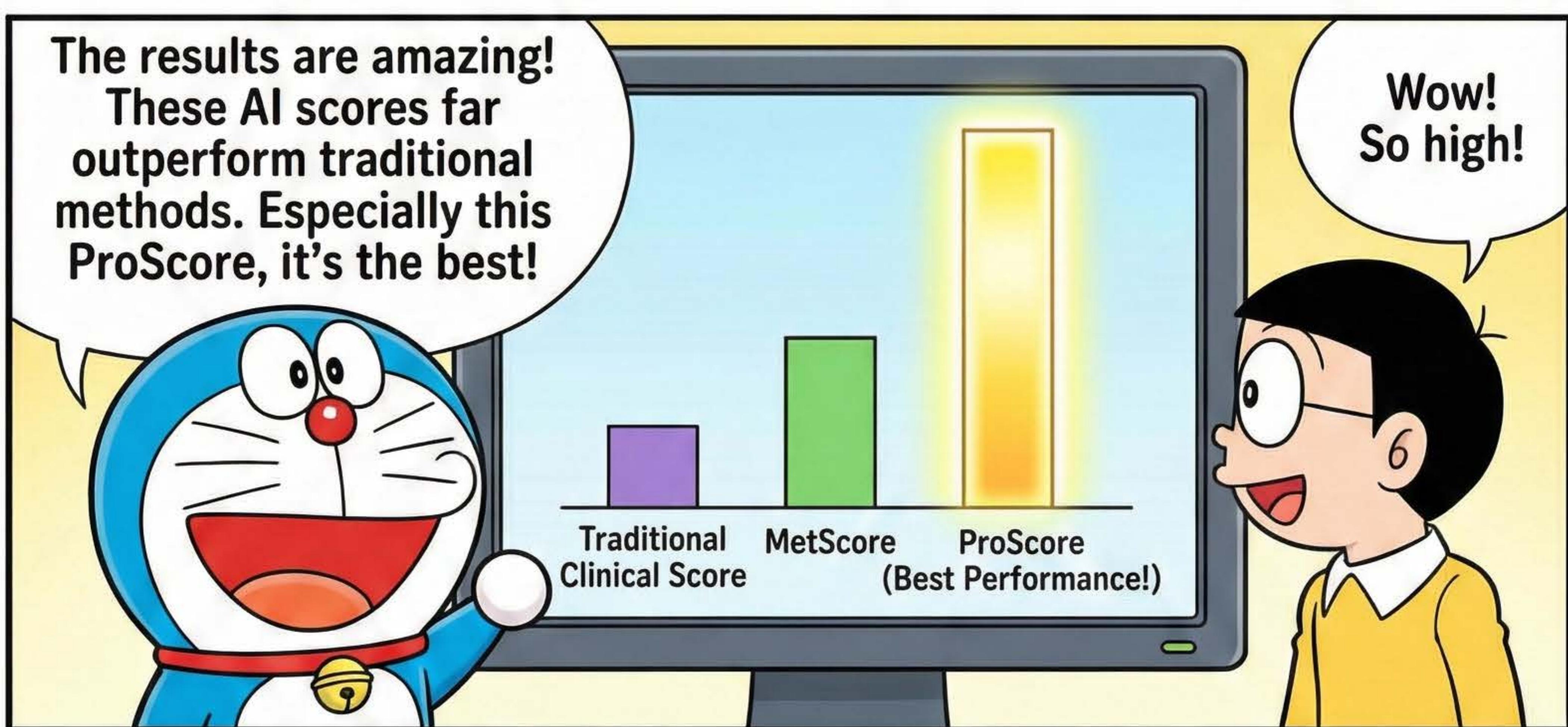
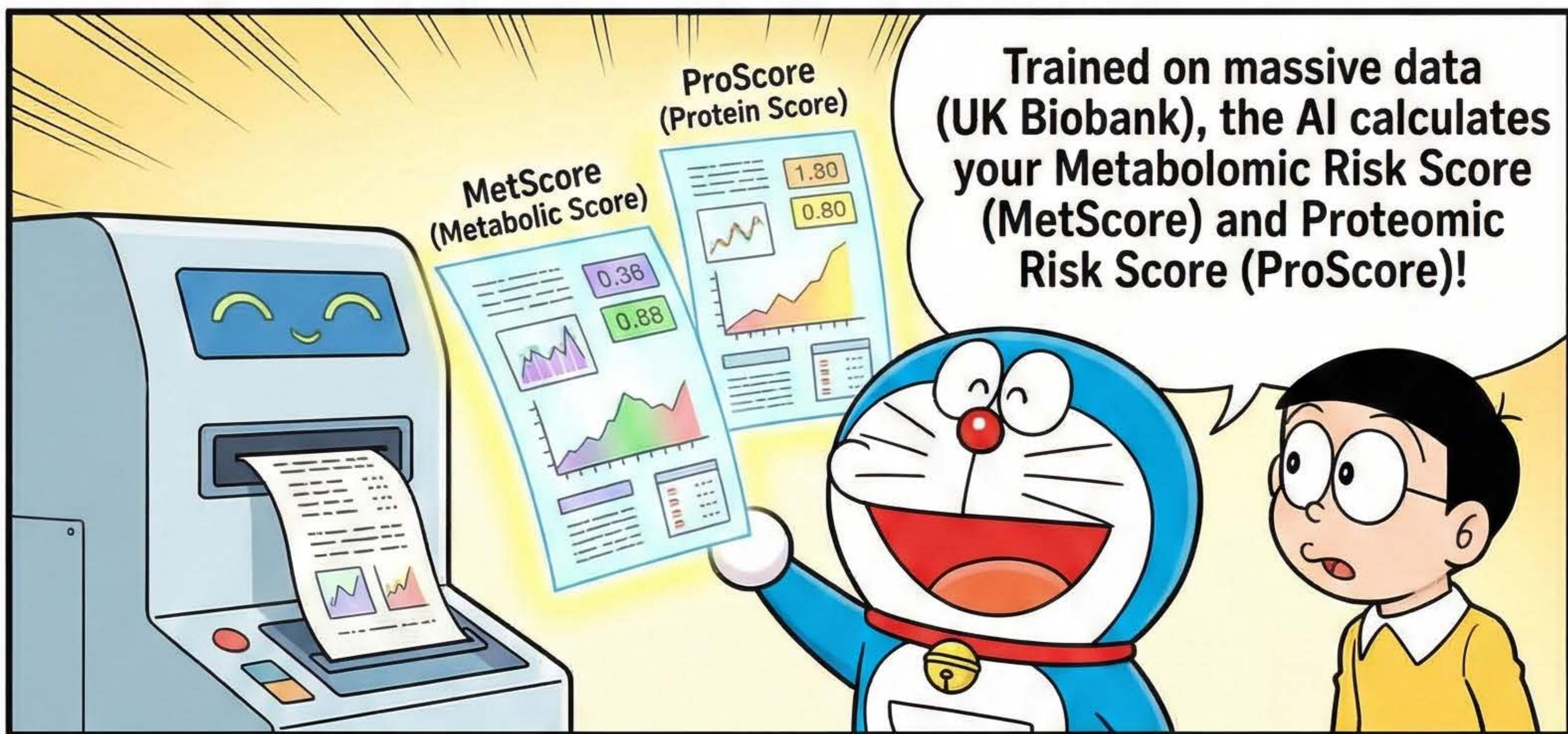
Chapter 4: Why "Multiomics"?



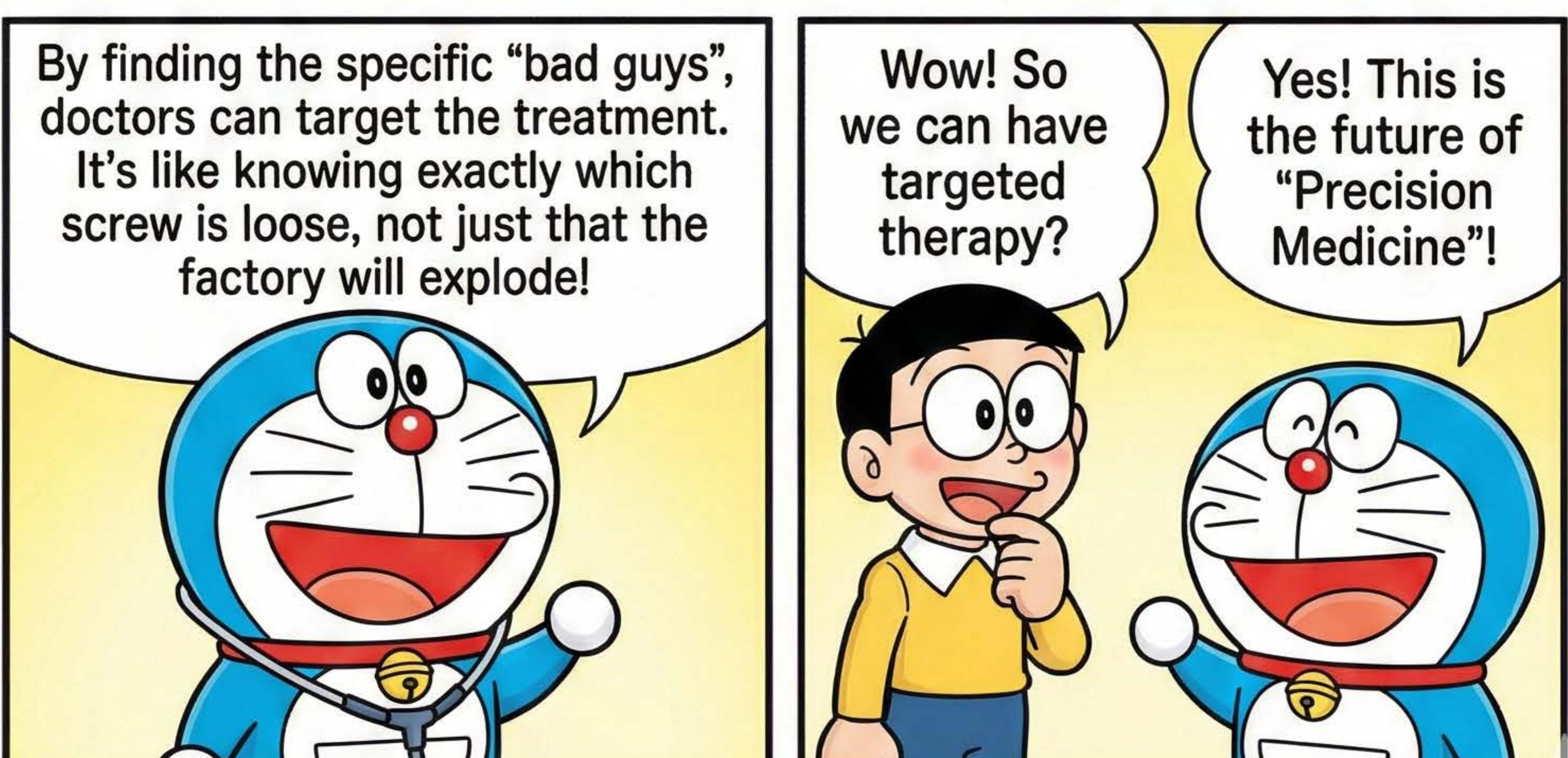
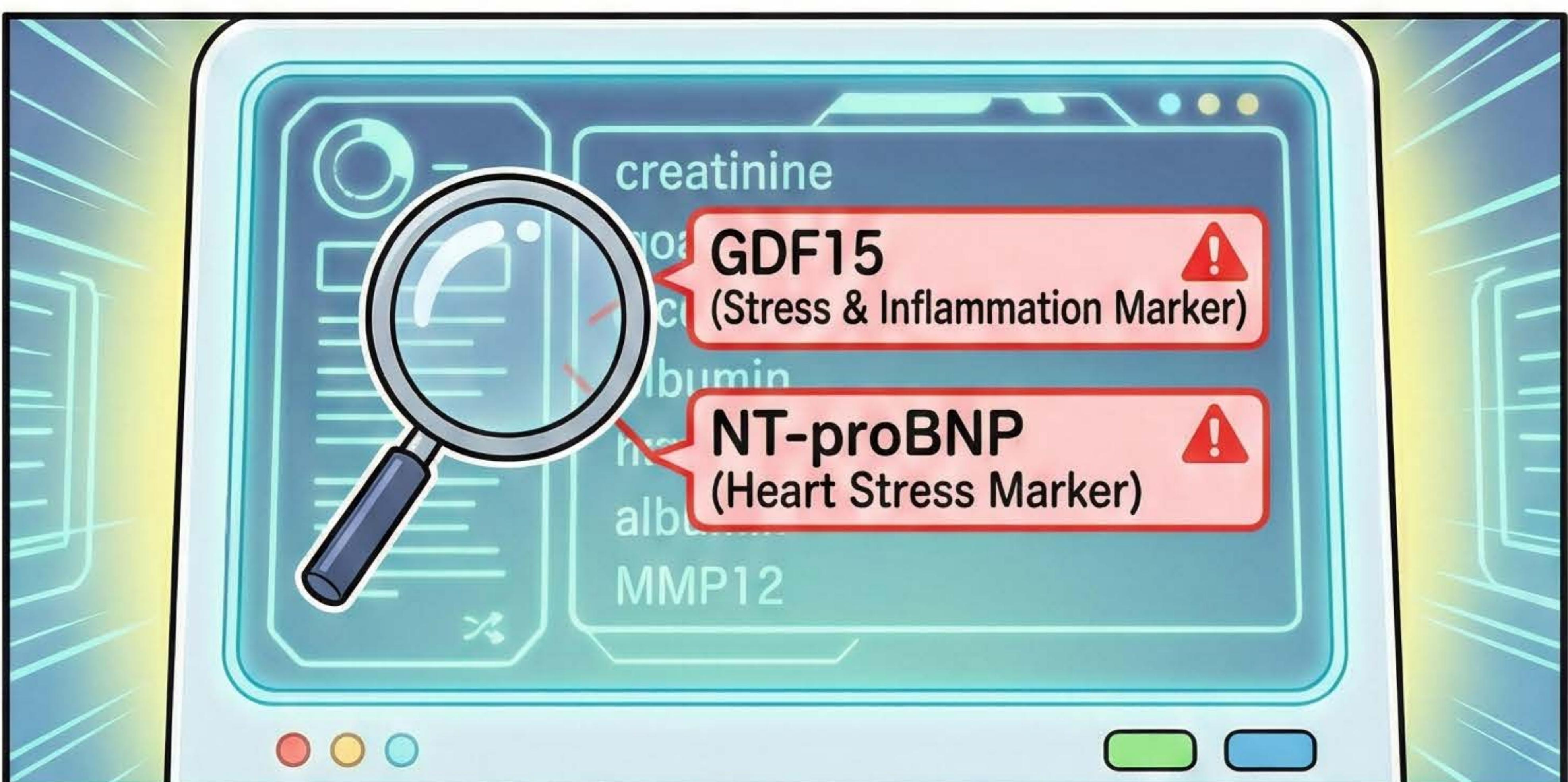
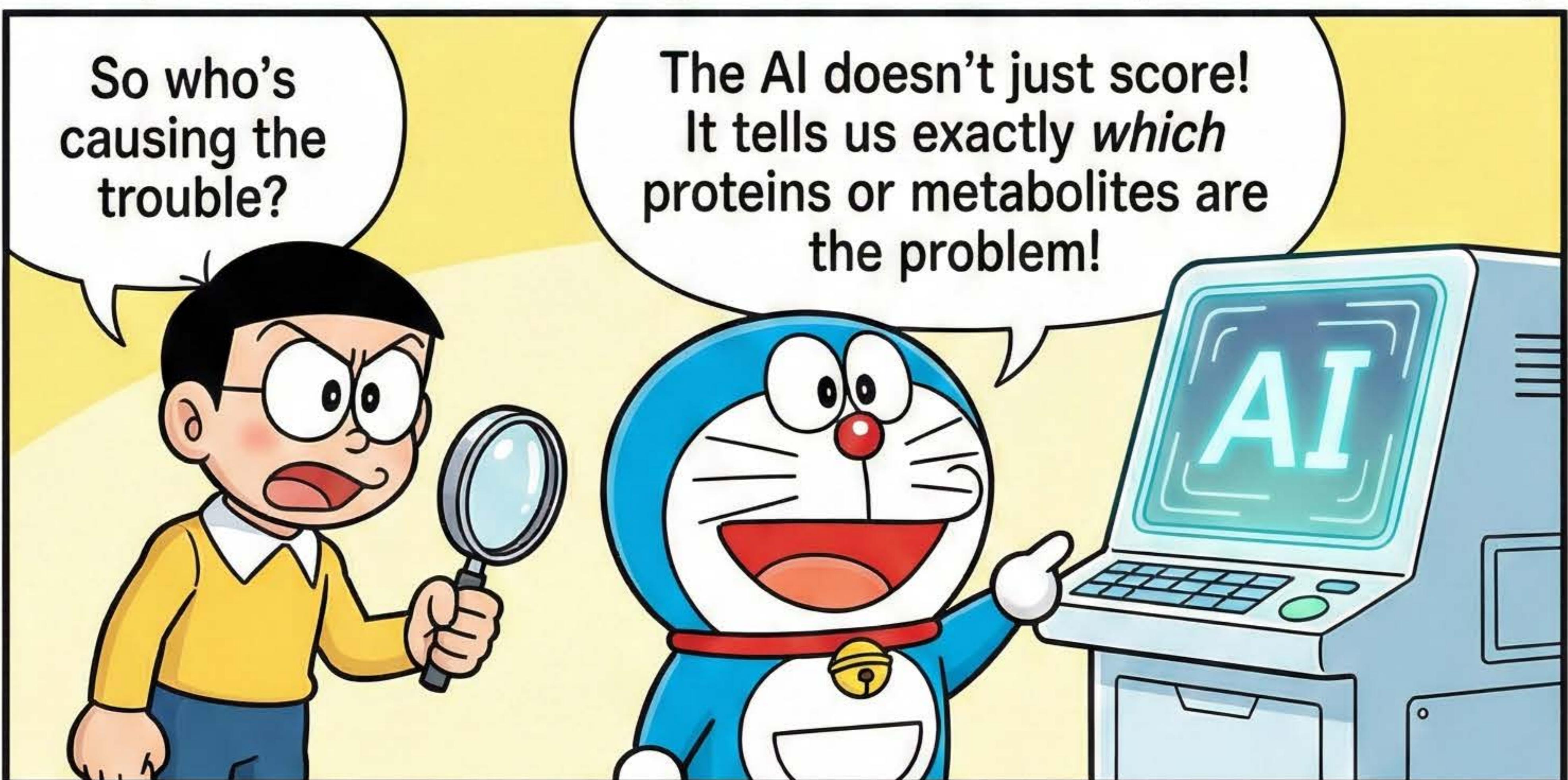
Chapter 5: The Secret Weapon: CardiOmicScore



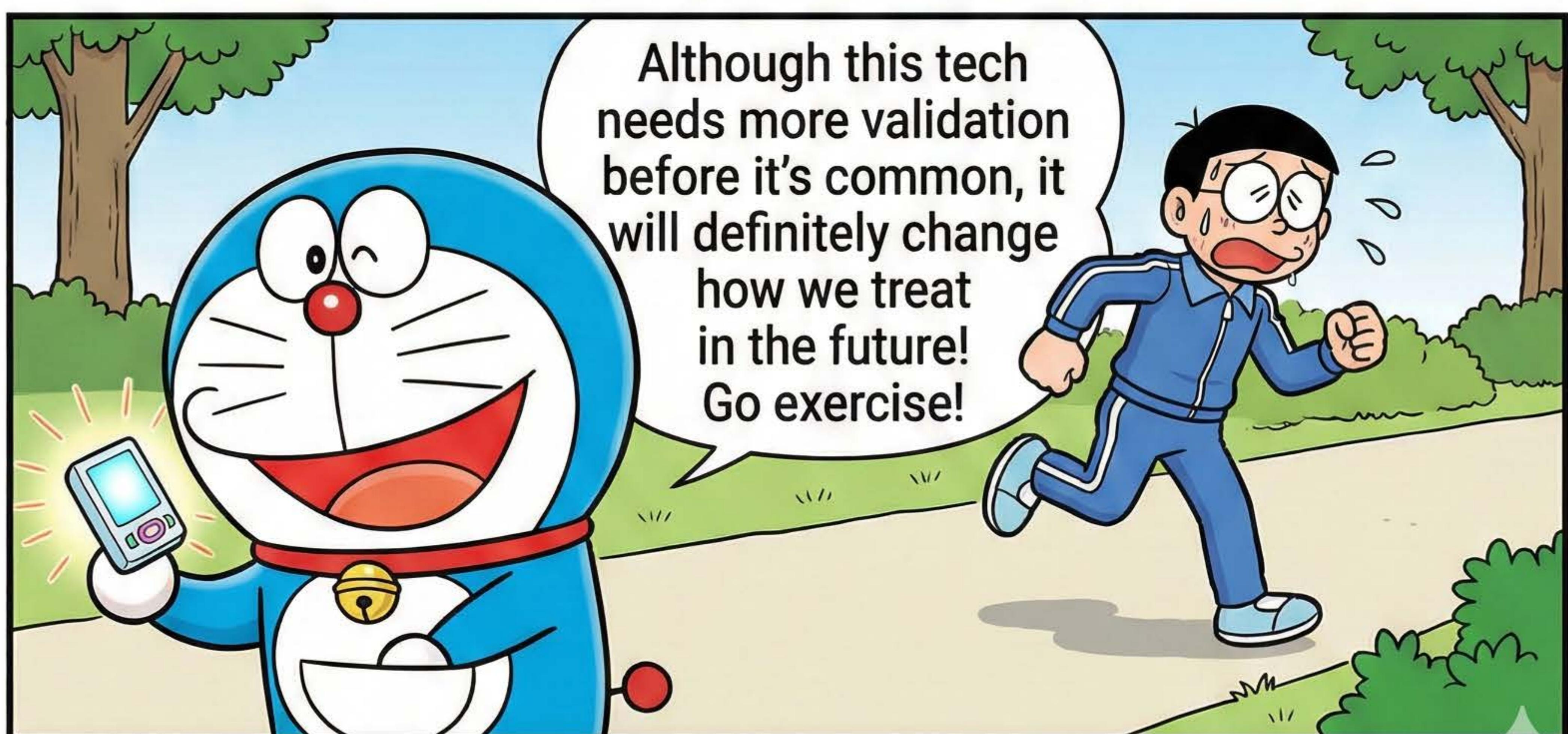
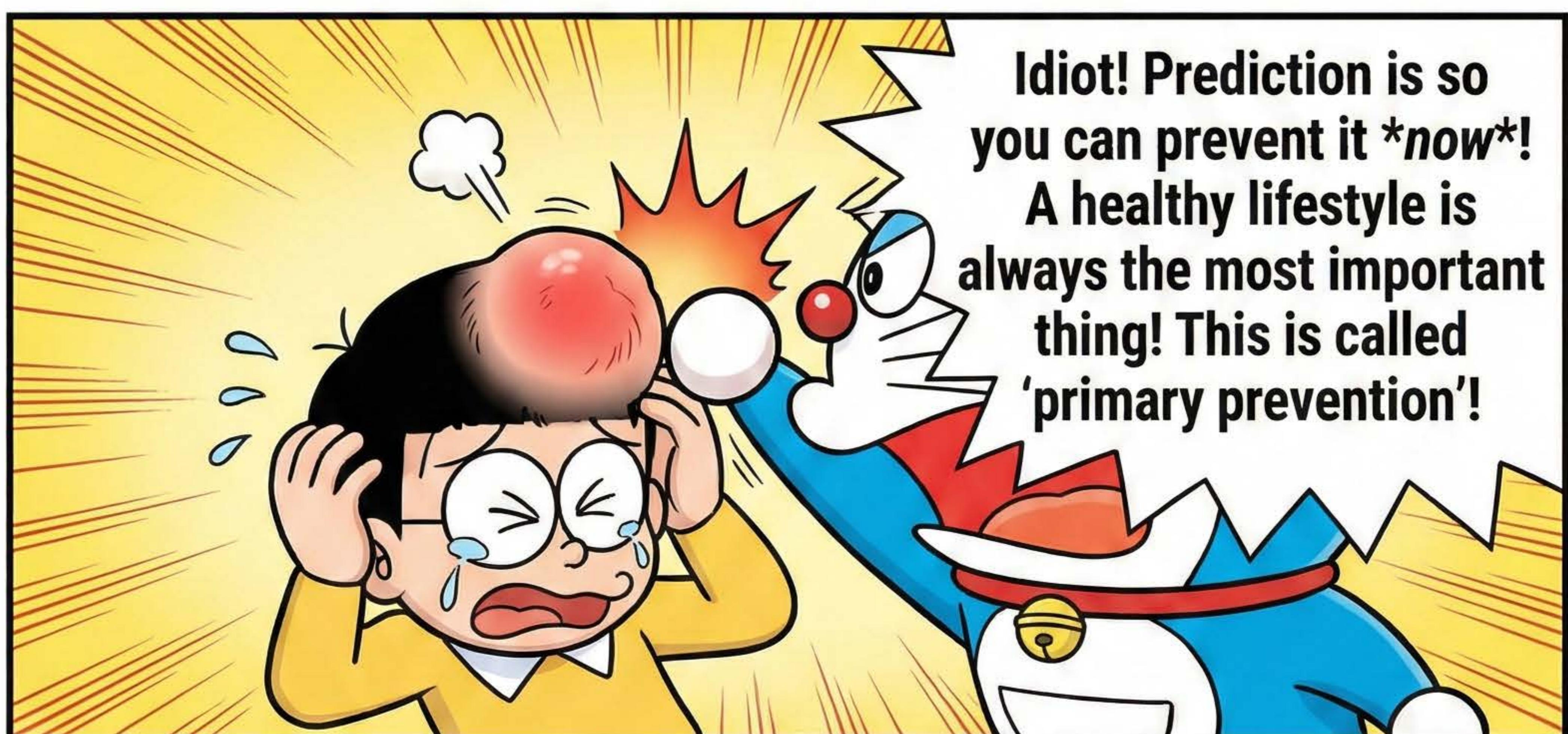
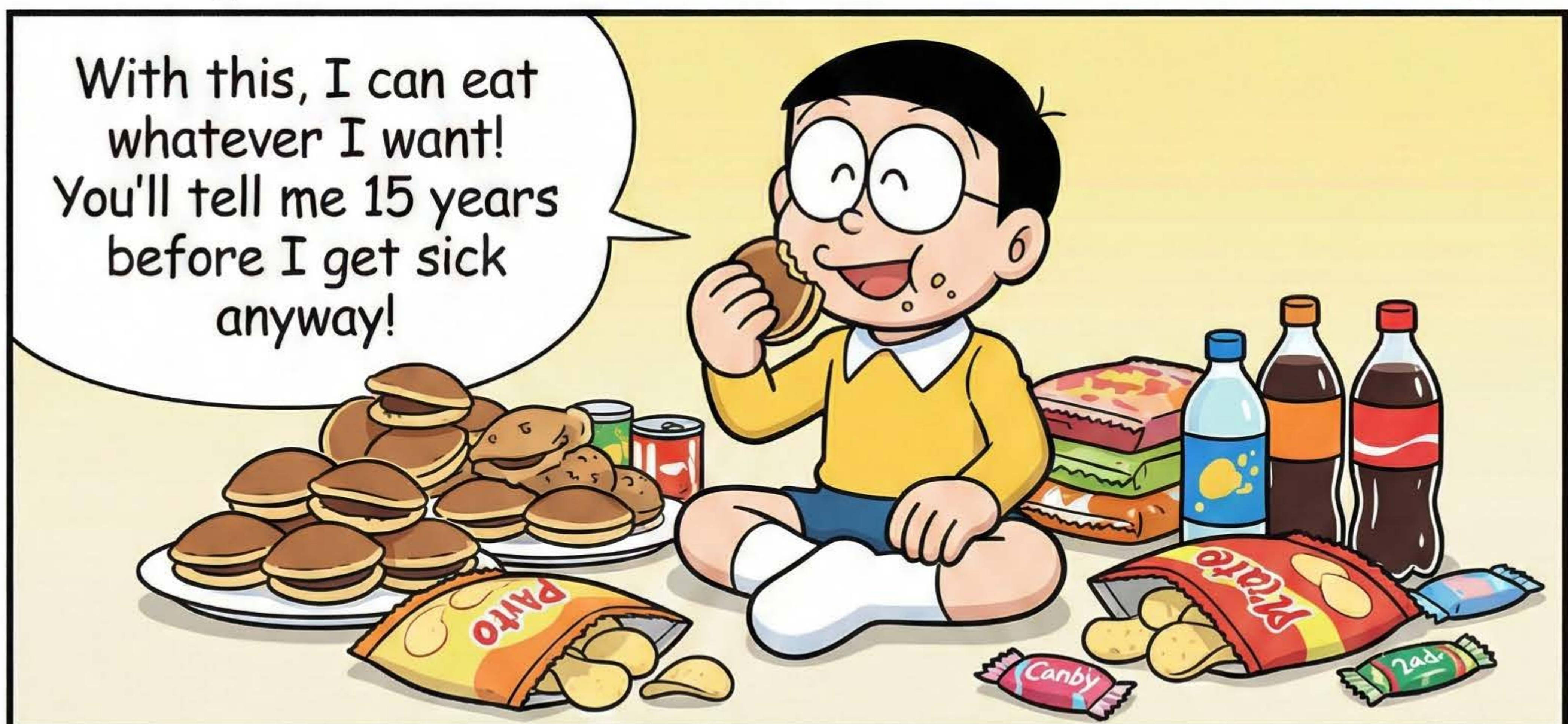
Chapter 6: Amazing Predictive Power



Chapter 7: Catching the 'Bad Guys' Precisely



Chapter 8: Not Just Fortune Telling



Summary: AI + Multiomics = Future Guardians of Cardiovascular Health