



Funded by the
European Union

“AI is playing an increasingly crucial role in accelerating discoveries in the fields of medicine and drug design”

Michal Rosen-Zvi

Director of Health Informatics, Senior
Manager of the AI for Healthcare
Department at IBM Research Haifa

Interview of the EuCARE partners



Q01

Interviewer: So, you are the Principal Investigator (PI) of the IBM Research. Tell us a little about yourself, why are you involved with the IBM and why is the IBM involved in this project.

Michal Rosen-Zvi: I am the **sponsoring executive**. I have been **part** of the **EuResist team** of researchers who **worked** together to **develop Artificial Intelligence-based** (AI-based) **decision support system** to recommend the **optimal treatment regimen** of a patient with **HIV**. **Me** and **my colleagues** are **taking part** in the current **EuCARE** project. **IBM Research** is interested in **developing technologies** for **finding remedies** for pressing **needs**. **Long term COVID** is a relatively **new condition** and the **current knowledge** regarding its **mechanism** and **relevant targets** for **novel drugs** is **insufficient**. We **aim** at **applying causal inference technologies** and **foundation models** to **enables discoveries** of such therapeutics.



Q02

Interviewer: Besides yourself, who else participates in this project from IBM Research?

Michal Rosen-Zvi: This is the team involved in **EuCARE** - **Yishai Shimoni** is the **manager** of the **group working** on **AI technologies** for **healthcare** and **life sciences** and **Tal Kozlovski** and **Sivan Ravid** are the **researchers leading** the **project**.

Q03

Interviewer: The final question, the EuCARE project is divided into eight workpackages (WP), right? In which ones is the IBM Research involved and what has been done already?

Michal Rosen-Zvi: We are **leading WP5** that **focuses** on the **development** and **application** of **AI technologies** to be **applied** to the **data coming** from the **school study** and **clinical cohorts**. We have **worked** on **harmonizing** and **organizing** the **data** that has been **collected**, creating a **standard datum definition** and **evaluating** currently **available data against** the **definition**, to **enable** the **next phase** which is the **analysis of the data** to **infer on causal effects** from **medical interventions** on **Long-COVID outcomes**.

Interviewer: Thank you, Michal.

Michal Rosen-Zvi: Thank you very much!

If you want to know more about the
EuCARE project or our partners

Contact us:

<https://eucareresearch.eu/contact-us/>
