

EP 16

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# Insights by ClawBio Founder - Dr. Manuel Corpas

Dr. Manuel Corpas — Genomics Researcher & ClawBio Founder



Dr. Manuel Corpas on agentic genomics: AI agents that plan and run genomic analyses on their own, where they can be trusted, and why AI amplifies the gaps in biomedical knowledge.

**5,000**

clones of ClawBio a week  
[29:45](#)

**43**

people have contributed  
code [29:32](#)

**86%**

of genomic data is of  
European ancestry [32:13](#)

**99%**

correct is still inadmissible  
in the clinic [44:53](#)

## KEY TAKEAWAYS

### 1 Agents now run whole analyses

Agentic genomics means AI agents that plan, execute and refine multi-step genomic work, choosing tools and handling errors as they go. [14:07](#)

### 2 Trust follows ground truth

Agents do well where a right answer exists to benchmark against, as in pharmacogenomics, and worse where interpretation is open. [26:04](#)

### 3 AI amplifies what it is built on

Across the nine models he benchmarked, hallucination rose for the diseases the literature neglects. [38:29](#)

### 4 Equity has to be designed in

Encoding population-specific differences into an agent's skills made the gaps between ancestries disappear in his tests. [39:30](#)

### 5 99% correct is not enough

Clinical use needs results that can be broken into steps and audited, traced and reproduced. [44:53](#)

## Dr. Manuel Corpas · 57:34

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