# Job Title: Director of Science

**Location:** Our Or Yehuda and Tel Aviv offices, Israel; Hybrid
**Department:** R&D
**To apply:** jobs@myheritage.com or apply here

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## About MyHeritage

MyHeritage is a global leader in family history and consumer DNA testing, enriching the lives of millions worldwide by enabling them to uncover more about themselves and where they belong. With a suite of intuitive products, billions of historical records, an affordable at-home DNA test, and AI-powered photo tools, MyHeritage creates a meaningful discovery experience that is deeply rewarding.

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## Position Overview

We are looking for a **Director of Science** to guide MyHeritage's scientific research and development in genetics. This role is central to building innovative algorithms, driving rigorous data analysis, and advancing the scientific methodologies that power our DNA products - including ethnicity estimation, relationship inference, local ancestry, and more.

The ideal candidate combines deep scientific expertise in population and statistical genetics with strong leadership and a proven ability to execute in a dynamic, consumer-facing environment.

Your work will directly impact millions of users worldwide, helping them discover their ancestry and connect with family through science. You'll apply cutting-edge methods to analyze millions of DNA samples and family trees, leveraging one of the largest consumer genetics datasets in the world.

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## Key Responsibilities

- **Scientific leadership:** Define and execute the scientific roadmap aligned with company goals.
- **Team leadership:** Manage and mentor a team of senior scientists and data scientists. Provide technical direction, support professional growth, and foster a culture of scientific excellence.
- **Algorithmic research:** Lead the design, development and optimization of scalable, production-ready algorithms and pipelines including ancestry inference, relationship classifiers, imputation and phasing of genetic data and additional models to support genetic genealogy.

- **Collaboration and communication:** Work closely with engineering, product, and data teams to translate research outcomes into user-facing features and tools. Clearly communicate scientific concepts and progress internally and externally.

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## The ideal candidate will have:

- Ph.D. in Genetics, Computational Biology, Bioinformatics, or a related quantitative field.
- Experience with population genetics and analysis of genotyping or sequencing data.
- 5+ years of experience in scientific research, including 3+ years in a leadership role.
- Strong background in:
    - Population genetics and/or statistical genetics
    - Analysis of genotyping or sequencing data
    - Genomic data pipelines and bioinformatics tools
    - Machine learning or statistical modeling applied to biological data
- Experience working with large-scale genomic datasets.
- Proficiency in Python and familiarity with production-scale computational pipelines. Familiarity with tools such as Snakemake, Airflow, or other pipeline managers is an advantage.
- Excellent written and verbal communication skills.
- Demonstrated ability to lead projects and collaborate effectively across disciplines.
- Experience with AWS is an advantage.

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## Why Join Us?

- Join a purpose-driven company helping people discover their heritage through the power of science.
- Be part of a collaborative, international team driven by innovation and scientific discovery.
- Enjoy a hybrid work environment with flexibility and autonomy.

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## Benefits at MyHeritage

Our employees enjoy a range of benefits to enhance work-life balance and well-being:

- Hybrid work model
- Modern, beautiful offices in Or Yehuda and Tel Aviv with shuttle service from Tel Aviv and employee parking (for our Or Yehuda employees)
- On-site Gym and Pilates classes
- Dog-friendly office
- Well-stocked kitchens and a monthly meal allowance
- Fully funded supplemental health insurance