

José Cordeiro
(www.cordeiro.org)

The Millennium Project
Director, Venezuela Node

Singularity University
NASA Ames, California, USA



My Human Genome

The Millennium Project



Global futurist think-tank with 50 nodes around the world



Singularity University



Medicine, Neuroscience
and
Human Enhancement

AI and Robotics

Singularity University
Preparing Humanity for
Accelerating Technological Change

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health and traits

- ▶ Clinical Reports
- Research Reports

ancestry

- Maternal Line
- Paternal Line
- Ancestry Painting
- Global Similarity

genome sharing

- Manage Sharing
- Compare Genes
- Family Inheritance

23andMe

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health and traits

These tables list those [clinical reports](#) we consider most notable based on your genetic information.

Move your mouse over the colored bars or icons for a glance at your data. Click the name of any disease or trait for your full report.

Clinical Reports

Research Reports (86)

Show data for:

Disease Risks ?

	Age-related Macular Degeneration
	Celiac Disease
	Psoriasis
	Type 2 Diabetes
	Prostate Cancer
	1 locked report

[See all 10 risk reports...](#)

Carrier Status ?

Alpha-1 Antitrypsin Deficiency	Variant Absent
Bloom's Syndrome	Variant Absent
Cystic Fibrosis (Delta F508 mutation)	Variant Absent
G6PD Deficiency	Variant Absent
Glycogen Storage Disease Type 1a	Variant Absent
	1 locked report

[See all 8 carrier status...](#)

Traits ?

Alcohol Flush Reaction	Does Not Flush
Bitter Taste Perception	Can Taste
Earwax Type	Wet
Eye Color	Likely Brown
Lactose Intolerance	Likely Tolerant

Drug Response ?

Warfarin (Coumadin®) Sensitivity	Increased
Clopidogrel (Plavix®) Efficacy	Typical

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paternal line

Your Y chromosome DNA determines your paternal haplogroup. [What is a haplogroup?](#)

Map

History

Haplogroup Tree

Your paternal haplogroup may have changed. This is due to a recent update to our paternal haplogroup tree. Find out more about this feature improvement at the [Spittoon](#).

Paternal Haplogroup: R1b1b2a1a2

R1b1b2a1a2 is a subgroup of R1b1b2, which is described below.

Locations of haplogroup R1b1b2 circa 500 years ago, before the era of intercontinental travel.



R1b1b2 is the most common haplogroup in western Europe, where its branches are clustered in various national populations. R1b1b2a1a2b is characteristic of the Basque, while R1b1b2a1a2f2 reaches its peak in Ireland and R1b1b2a1a1 is most commonly found on the fringes of the North Sea.

Human Prehistory Video

Haplogroup: R1b1b2, a subgroup of

[R1b1b](#)

Age: 17,000 years

Region: Europe

Populations: Irish, Basques, British, French

Highlight: R1b1b2 is the most common haplogroup in western Europe, with distinct branches in specific regions.

Your Family and Friends

[D2a1](#) Japanese Person

[E1b1a8a..](#) Nigerian Person

[I](#) Chinese Person

[R1b1b2a..](#) Jose Cordeiro

Famous People

[C3](#) Genghis Khan

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maternal line

Your mitochondrial DNA determines your maternal haplogroup. [What is a haplogroup?](#)

Map

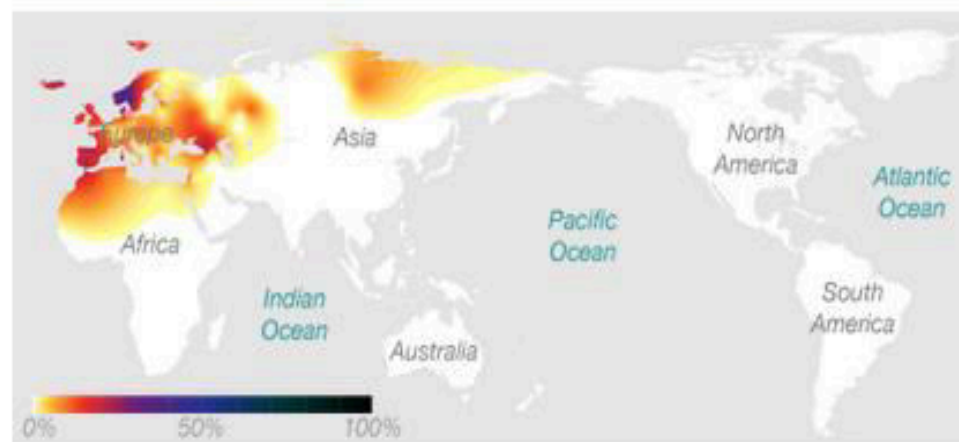
History

Haplogroup Tree

Maternal Haplogroup: H1*

H1* is a subgroup of H1, which is described below.

Locations of haplogroup H1 circa 500 years ago, before the era of intercontinental travel.



Haplogroup H1 is widespread in Europe, especially the western part of the continent. It originated about 13,000 years ago, not long after the Ice Age ended.

Human Prehistory Video



[Human Prehistory: Prologue](#)

Haplogroup: H1, a subgroup of [H](#)

Age: 13,000 years

Region: Europe, Near East, Central Asia, Northwestern Africa

Populations:
Spanish, Berbers, Lebanese

Highlight: H1 appears to have been common in Doggerland, an ancient land now flooded by the North Sea.

Your Family and Friends

[D4e2](#) Japanese Person

[D5a2](#) Chinese Person

[H1*](#) Jose Cordeiro

[L3e](#) Nigerian Person

Famous People

[H](#) Marie Antoinette

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family inheritance

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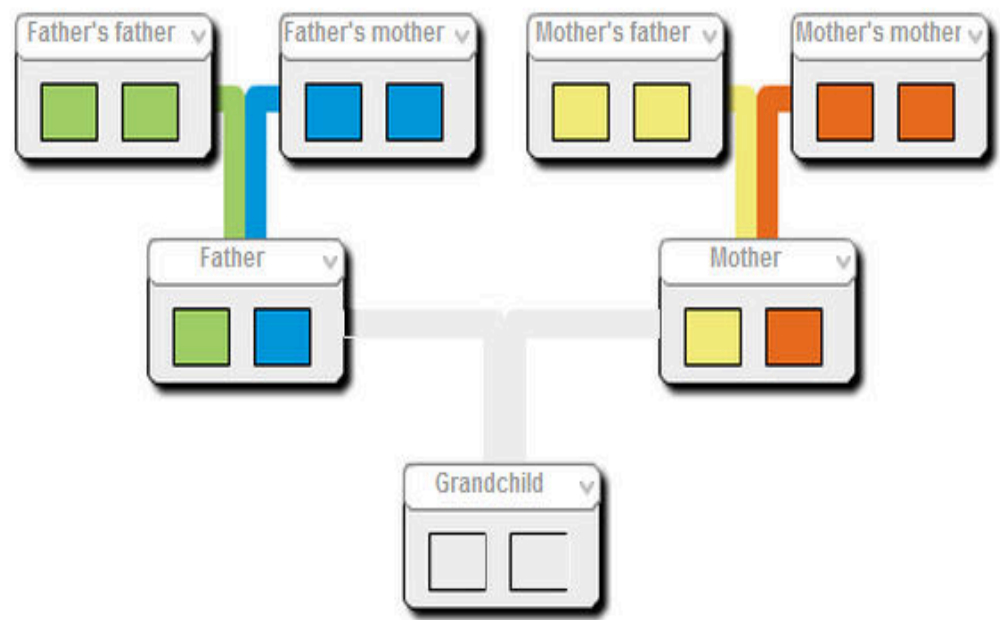
Genome View

GrandTree

Inheritance Calculator

[Tell me how to use this feature...](#)

Please select a grandchild for comparison.
Click on the down-arrow labeled "Grandchild" in the bottom box of the family tree.



Click on a trait for comparison:

- Genome-Wide Comparison**
Comparison across all of the genome data
- Bitter Tasting**
Genes related to bitter tasting
- Circadian Rhythm**
Genes related to regulating your internal clock
- Endurance**
Genes related to physical endurance
- Female Fertility**
Genes related to fertility in women
- Immune System Compatibility**

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family inheritance

[Genome View](#)
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Inheritance Calculator

Find out what traits ([phenotypes](#)) and [genotypes](#) a child might have based on the selected pair of parents.



Jose Cordeiro



Bj Price



Offspring's Possible Traits

[How are these calculated?](#)

Alcohol Flush Reaction

[View Your Alcohol Flush Reaction Report](#)

GG

GG

100% 😊 Little or no flush (GG)

0% 😐 Moderate flush

0% 😞 Extreme flush

Bitter Taste Perception

[View Your Bitter Taste Perception Report](#)

GG

CG

100% 😊 Bitter taster (GG, CG)

0% 😐 Non-bitter taster

Earwax

[View Your Earwax Report](#)

CC

CC

100% 🖌️ Wet earwax (CC)

0% 🖌️ Dry earwax

Eye Color

[View Your Eye Color Report](#)

AA

AG

71% 👁️ Brown/Black eyes (AA, AG)

26% 👁️ Green/Hazel eyes (AA, AG)

4% 👁️ Blue/Gray eyes (AA, AG)

Sequencing the genome: cost and time

Year	Cost (US\$)	Time
2003	1,000,000.000	13 years
2007	100,000,000	4 years
2008	1,000,000	2 months
2010	10,000	4 weeks
2014	1,000	5 days
2018	100	1 hour

Synthetic biology is born

- **Variola virus (smallpox)**

Genes: 197

Base pairs: 185,000

- **Mycoplasma genitalium (bacteria)**

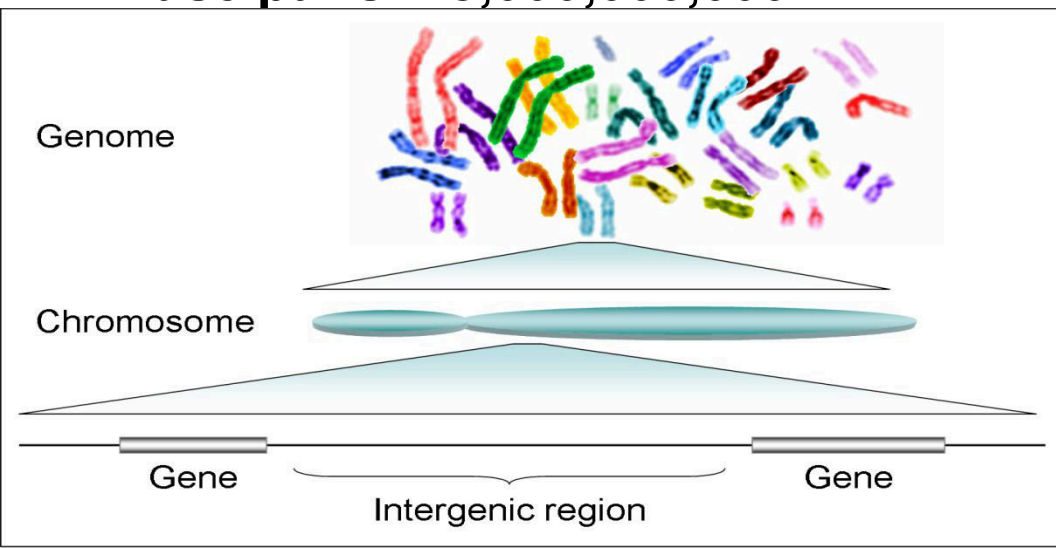
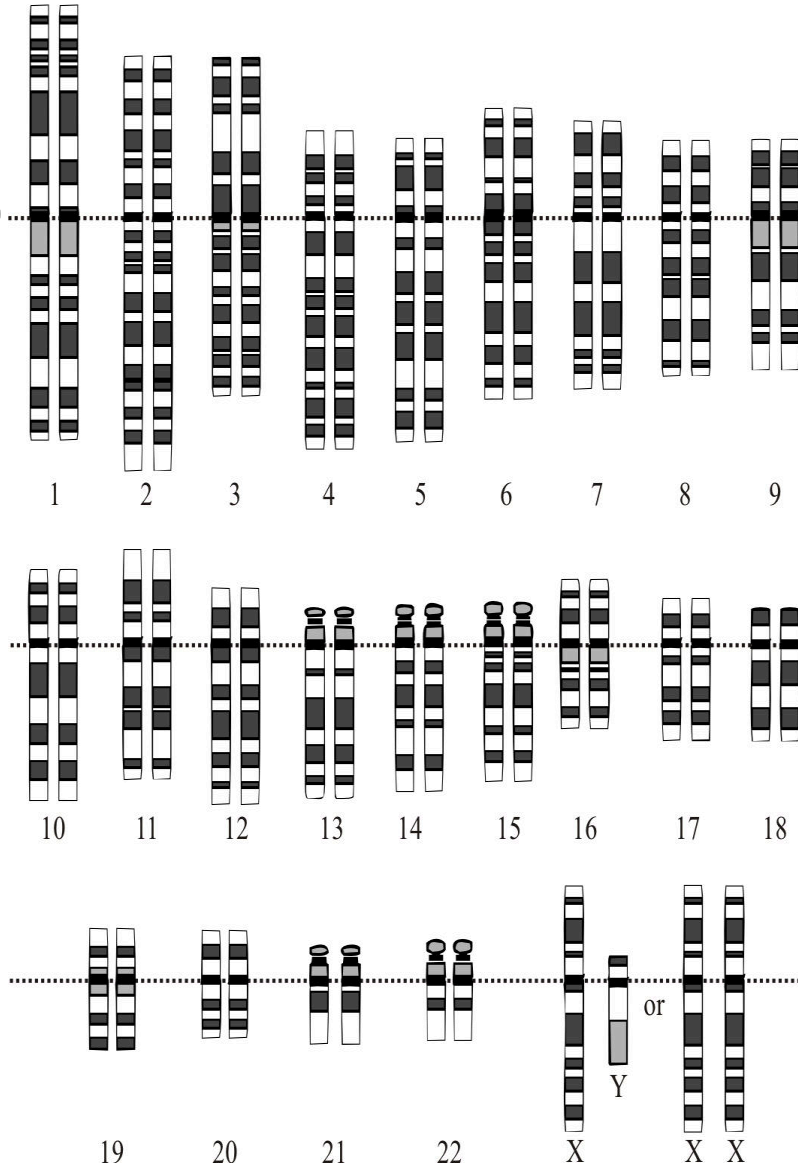
Genes: 485

Base pairs: 580,000

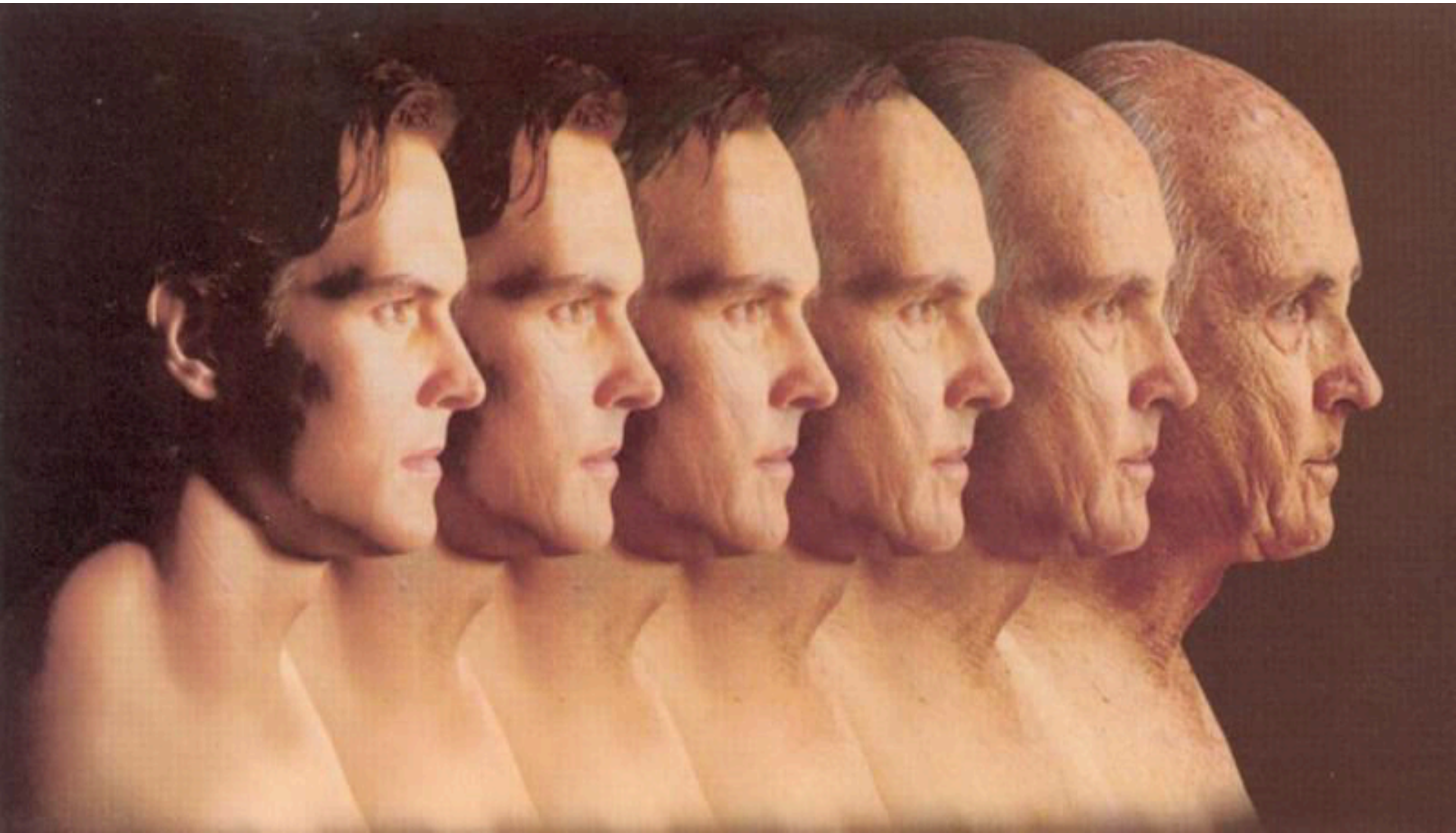
- **Homo sapiens sapiens**

Genes: ~25,000

Base pairs: ~3,000,000,000



Aging as a disease? And **curable**?





Mp **Mprize**
accelerating life extension therapies

My Bridge 4 Life™

NewOrgan Prize

Mprize

- Overview
- History of Science Prizes
- Current Competitions
- Meet the Competitors
- Latest Mprize Winners
- How to Compete
- Scientific Advisory Board

Investing in the Future



The Mprize, introduced in 2003, is designed to directly accelerate the development of revolutionary new life extension therapies. The prize pot continues to grow through donations; awards are made whenever a research team extends the life of mice. There are two categories of cash prizes:

- **Longevity** - to the research team that breaks the world record for the oldest-ever mouse
- **Rejuvenation** - to the team that develops the most successful late-onset rejuvenation that extends the life of the mice

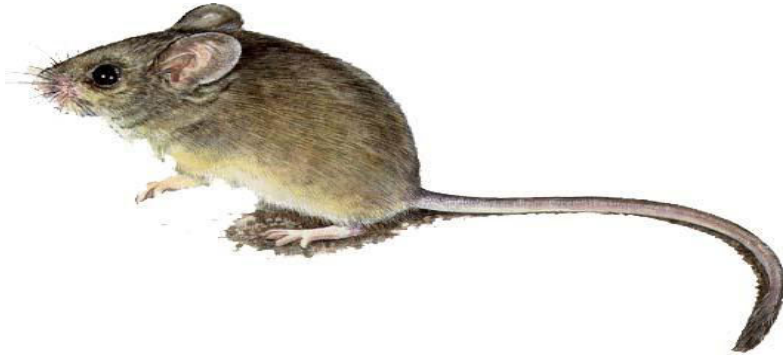
The prize makes it possible to attract scientists from major universities [Andrzej Bartke](#), Southern Illinois Un who headed the team that holds the p longevity and [Dr. Stephen Spindler](#), Un of California, the prize holder for rejuv In 2009 the first Special Mprize Achievement Award went to [Dr. Z. Dav](#) for the successful healthy life exten already aged mice using a pharma rapamycin.

[Meet the Competitors](#)

[Competition Rules and Application](#)

[Scientific Advisory Board](#): Meet the pro scientists who share our vision and enh ability to change the future of aging.

Life extension results: **today, now!**



x 3 times



x 4 times



x 6 times

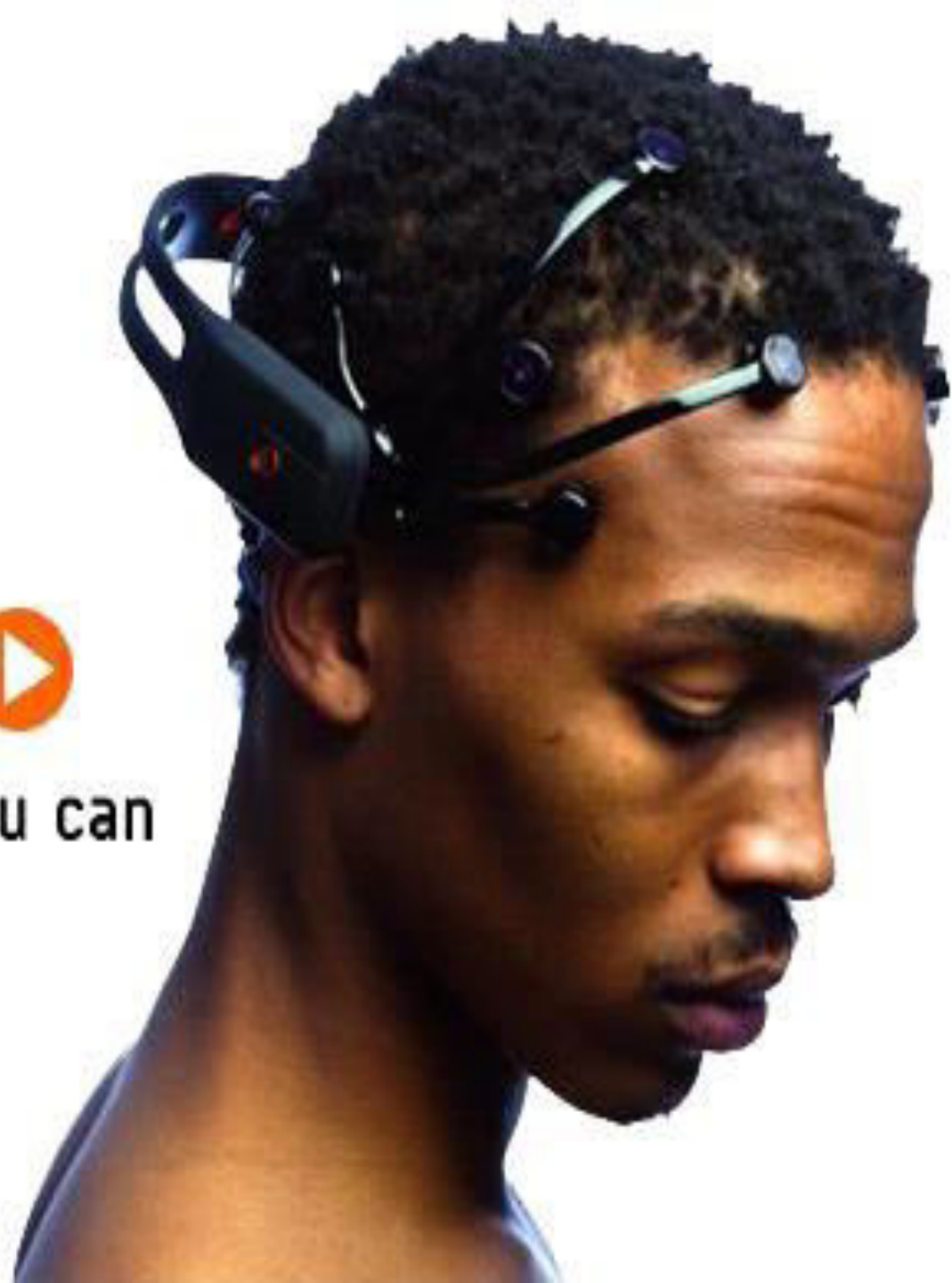
mindwave

Decades of Laboratory EEG
Technology Research
for under \$100



emotivo

you think, therefore, you can





Thank you! Sağ olun !
José Cordeiro (www.cordeiro.org)