

UNSEALED

The Biolab Files

Ukraine labs, designer babies, and Epstein's genetic underground.

Unsealed Research Team

2019

Bryan Bishop operated a Ukraine lab for mouse gene editing, pitched a \$9.5M designer baby + human cloning company, Boris Nikolic led a \$120M CRISPR round

The Biolab Files: Ukraine Labs, Designer Babies, and Epstein’s Genetic Underground

A database-driven investigation into Bryan Bishop’s Ukraine laboratory, a \$9.5 million designer baby company, the CRISPR investment pipeline, and the secret meetings where germline modification was “forbidden research” — based on primary source documents from the DOJ Epstein Files release and the Unsealed email archive.

Executive Summary

In August 2018, a biohacker named **Bryan Bishop** emailed Jeffrey Epstein a spreadsheet titled “use of funds” for a **designer baby and human cloning company**. The budget: **\$9.5 million** over five years. The goal: *“the first live birth of a human designer baby, and possibly a human clone.”* In the same email chain, Bishop casually mentioned that he was *“proceeding with more mouse testing at my **ukraine lab**”* — and that an *“amateur in Mississippi”* was testing human sperm modification.

This was not a cold pitch. Epstein had spent fifteen years building a genetic engineering network that stretched from **Harvard Medical School** to MIT’s **“Forbidden Research” meetings** to a **\$120 million CRISPR investment round** brokered by Bill Gates’s personal science advisor. He funded George Church’s lab through his COUQ Foundation, channeled **\$5 million from Leon Black** to Church’s Genomics and Synthetic Biology Research Fund at Harvard, and positioned himself as the node connecting frontier genetics research to billionaire capital.

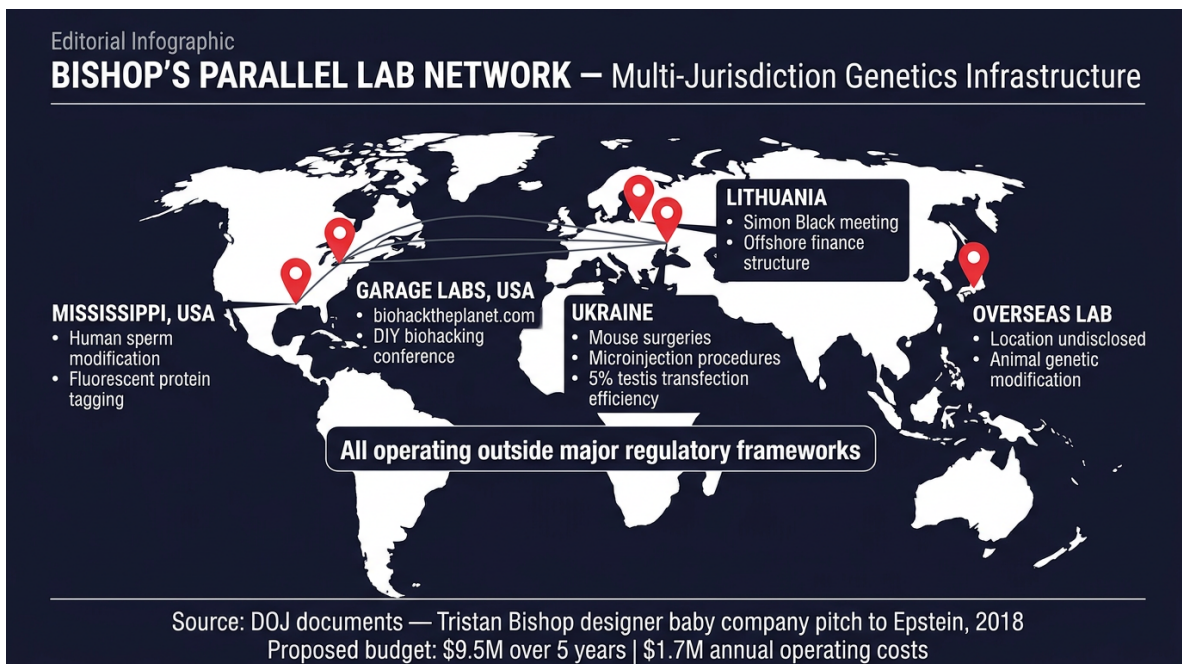
The documents reveal an ecosystem operating at three levels simultaneously: **above-ground science** (Harvard, MIT, the Edge Foundation), a **commercial CRISPR pipeline** (Editas Medicine, eGenesis, Foundation Medicine), and an **underground biohacker network** pursuing embryo editing, human cloning, and genetic modification in overseas laboratories with no regulatory oversight.

Key findings:

- Bryan Bishop operated a **laboratory in Ukraine** conducting mouse surgeries and microinjection for an embryo editing program funded at **\$1.7M/year**
- Bishop told Epstein the goal was *“the first live birth of a human designer baby, and possibly a human clone, within 5 years”* — Epstein responded: *“i like implant embryo, wait 9 months. great ending”*
- An **“amateur in Mississippi”** was testing human sperm modification as part of Bishop’s network — alongside a garage biohacking conference and **bull-human sperm fusion** research

- **George Church** presented Epstein with a **\$10 million investment plan** spanning 10 biotech ventures — including CRISPR organ engineering, gene drives, mammoth DNA revival, and **“Space Genetics”** (engineering humans for space)
- **Boris Nikolic** (Gates’s science advisor) led the **\$120M Editas Medicine CRISPR round** and reported back to Epstein: *“It is mind-blowing how this CRISPR/Cas9 deal is hot”* — with two more deals “cooking for Fall”
- MIT hosted secret **“Forbidden Research”** meetings on germline modification and CRISPR — invitation list: Epstein, Reid Hoffman, George Church, Demis Hassabis, Paul Graham
- Epstein’s **Health & Science Interests II** trust distributed **\$1.9M+** through Mellon Bank, while the **Florida Science Foundation** received **\$300K+** from his COUQ charity
- **Martin Nowak** credited Epstein with creating the Church-Nowak CRISPR gene drive collaboration: *“the collaboration with George Church was **induced by you!**”*

Part I: Bryan Bishop and the Ukraine Lab



“Proceeding With More Mouse Testing”

On August 30, 2018, **Bryan Bishop** — a cryptocurrency entrepreneur, biohacker, and self-described “garage biologist” — sent Jeffrey Epstein an update on his genetic engineering program:

Document: EFTA02625362

“Other updates: proceeding with more mouse testing at my **ukraine lab** (surgeries/microinjection) — amateur in Mississippi has been testing human sperm modification (just fluorescent tagging so far, doesn’t work for my purposes yet) — this weekend I’m heading to biohacktheplanet.com (garage biohacking conference)”

In the same message, Bishop shared a scientific paper on the “**Fusion of bull and human sperm with Nicotiana protoplasts**” — a study on merging animal and human reproductive cells with plant cell material.

Epstein’s response to this update — a Ukraine lab, human sperm experiments, animal-human fusion research — was enthusiasm:

“i like implant embryo, wait 9 months. great ending”

This was not a one-off exchange. It was part of an intensive correspondence spanning August to November 2018, during which Bishop pitched Epstein on what he called a company that would change “*the future of the human species.*”

The Network

Bishop’s operation was decentralized by design:

Location	Activity
Ukraine	Mouse surgeries, microinjection — a functional lab for gene editing animal models
Mississippi	“Amateur” testing human sperm modification with fluorescent tagging
biohacktheplanet.com	Garage biohacking conference — DIY biology community
Lithuania	Bishop met Simon Black (sovereign man / offshore finance) in August 2018
“Overseas lab”	Reporting mouse testis transfection results at 5% efficiency

The picture is of a parallel genetics infrastructure operating entirely outside institutional review boards, regulatory frameworks, and public oversight — with a convicted sex offender

as the prospective silent investor.

Part II: The \$9.5 Million Designer Baby Company

“The World Will Never Be the Same Again”

Three weeks before the Ukraine lab email, Bishop sent Epstein the pitch:

■ **Document: EFTA02604748** (August 5, 2018)

■ “Attached is the doc you requested, it’s the ‘use of funds’ spreadsheet for the designer baby and human cloning company. This gets us out of our self-funded ‘garage biology’ phase to the first live birth of a human designer baby, and possibly a human clone, within 5 years. Once we reach the first birth, everything changes and the world will never be the same again, much less the future of the human species.”

The budget:

Item	Cost
Annual operating costs	\$1.7M/year
Lab setup	\$1M
5-year total	\$9.5M
3-year total	\$6M

Epstein responded: *“no rush.”*

Two weeks later, Bishop followed up: *“I am back (met Simon Black in Lithuania), let’s schedule a call?”* The Lithuania connection is notable — **Simon Black** runs Sovereign Man, an offshore finance and international lifestyle company, precisely the kind of network useful for operating laboratories in jurisdictions with lax bioethics regulation.

The Presentation Deck

On August 28, Bishop shared a formal presentation:

■ **Document: EFTA02625569**

█ *Bishop emailed a link to designer-babies-deck.pdf — a presentation deck for the embryo editing venture.*

Epstein responded with scheduling: “thurs?” / “coordinate early thurs” — treating this as a standard investment meeting.

The Stealth Condition

The existing transhumanism report documented Epstein’s condition for investing:

█ ***Document: EFTA02625025 (September 2018)***

█ *Epstein: “i have no issue with investing, the problem is only if i am seen to lead.”*

Bishop agreed: “we can’t publicly identify who these are or their parents or benefactors, it would brand the child as (essentially, and sadly) a freak.”

The conversation reveals both parties understood that creating genetically modified humans required secrecy — not because it was illegal (it was, in most jurisdictions), but because public knowledge would “brand the child.” The concern was reputational, not ethical.

A Competing Technique

By November 2018, Bishop had developed what he described as an alternative to standard CRISPR embryo editing:

█ “My team has been working on a new technique which does not involve stem cells in the testis, instead it’s an embryo editing technique more similar to cloning which does not require an injection to the biodad.”

█ “Meanwhile our overseas lab has reported some mouse testis transfection results. They are observing maybe 5% transfection efficiency.”

Epstein: “great.”

Bishop later stated publicly that they never took funding from Epstein. But the correspondence documents an extended, detailed negotiation over a clandestine genetic engineering program — with laboratory infrastructure already operational in at least two countries, mouse results in hand, and a convicted sex offender reviewing investment decks over breakfast.

Part III: The CRISPR Baby Race

He Jiankui and the Chinese Connection

On November 25, 2018 — the same week that Chinese scientist **He Jiankui** stunned the world by announcing the birth of the first CRISPR-edited babies — Bishop wrote to Epstein:

▮ **Documents:** *vol00009-efta01015485-pdf, vol00009-efta01015526-pdf*

▮ **Subject:** “Chinese edited embryos are mosaic...”

Bishop was analyzing He Jiankui’s results in real time, identifying a technical flaw (mosaicism — where only some cells carry the edit) that his own approach was designed to avoid. The implication is striking: Bishop was positioning his embryo editing venture as a **competitor** to He Jiankui’s program, with Epstein as the prospective backer.

The timeline tells the story:

Date	Event
Aug 5, 2018	Bishop sends “use of funds” for designer baby company
Aug 16, 2018	Bishop returns from Lithuania (Simon Black meeting)
Aug 28, 2018	Bishop shares designer-babies-deck.pdf
Aug 30, 2018	Bishop: “mouse testing at my ukraine lab”
Sep 2018	Bishop sends embryo editing tech diligence to Epstein
Nov 25, 2018	He Jiankui announces CRISPR babies in China
Nov 26, 2018	Bishop emails Epstein: “Chinese edited embryos are mosaic”
Nov 28, 2018	He Jiankui faces global condemnation
Dec 30, 2019	He Jiankui sentenced to 3 years in Chinese prison

While the world’s scientific establishment condemned He Jiankui, the documents show that Epstein was simultaneously receiving investment pitches for a parallel program — one that had laboratory infrastructure in Ukraine, a competing embryo editing technique, and a business plan projecting “the first live birth” within five years.

“Monkey Clones”

Epstein’s interest in cloning extended beyond Bishop. In January 2018, when Chinese scientists announced the first cloned monkeys:

Document: **EFTA02534688** (January 24, 2018)

Richard Merkin (Heritage Provider Network CEO) forwarded the article. Epstein replied: “yes, i can see little dicks running around.”

And when his associate **Melanie Walker** (neurosurgeon, former Gates Foundation, World Bank) mentioned her medical work:

“I started a clot bank for all the clots I pull out of brains — very interesting”

The common thread: Epstein treated biological material — embryos, cell lines, cloned organisms, brain tissue — as assets to be collected, stored, and potentially commercialized.

Part IV: George Church’s \$10 Million Biotech Empire

Ten Ventures, One Investor

The existing transhumanism report documented George Church’s Androcyte investment (CRISPR longevity edits using supercentenarian DNA). But Church’s ambitions with Epstein were far larger.

In July 2014, Church presented Epstein with a **\$10 million investment plan** spanning ten biotech ventures:

Documents: **EFTA01916477, EFTA01917108, EFTA01919154, EFTA01920172**

Venture	Investment	Purpose
Supercentenarianstudy.com	\$200K	Genome sequencing of people who lived past 110
eGenesisBio.com	\$1.5M	CRISPR engineering of animal organs for human transplant
Sensor-Selectors	\$1M	Bio-chemical production
Protein stability & virus resistance	\$1M	Radically recoded bacterial genomes

Venture	Investment	Purpose
Pest control / gene drives	\$1M	Kevin Esvelt's technology to modify wild populations
Aging reversal	\$800K	CRISPR + epigenetic reprogramming
Pathology sequencing	\$1.55M	Next-generation disease diagnosis
Space Genetics	\$250K	Genome engineering of humans for space travel
Cold-resistant elephants	\$200K	Mammoth DNA revival via CRISPR
Second tranche	\$2.5M	Follow-on funding

This was not a research grant proposal. It was a **venture capital pitch** from one of the world's most influential geneticists — presenting CRISPR as a platform technology that could be commercialized across ten simultaneous startups, with Epstein as anchor investor. **eGenesis** (the pig organ transplant company) would go on to raise over \$400 million in venture capital. **Kevin Esvelt's** gene drive research became one of the most debated technologies in biology. And the “Space Genetics” and “mammoth revival” projects anticipated programs that Church would pursue publicly in subsequent years.

“The Collaboration Was Induced By You”

Church's relationship with Epstein was not merely financial. **Martin Nowak**, the evolutionary dynamics researcher whose Harvard program received \$6.5M from Epstein, explicitly credited Epstein with creating the Church-Nowak CRISPR gene drive collaboration:

■ **Document:** *vol00009-efta00707374-pdf* (April 6, 2017)

■ *Nowak to Epstein:* “great new paper out today on how to use CRISPR gene drive technology in natural populations — the collaboration with George Church was **induced by you!!**”

Epstein was not a passive funder. He was the **catalyst** — the person who put Church (CRISPR) together with Nowak (evolutionary dynamics) and directed the resulting collaboration toward gene drives that could modify entire wild populations.

Church's Annual Reports

The funding was systematic and ongoing:

■ **Document:** *9150de337dfadc46a5c818d8d52caff3* (February 25, 2008)

■ *George Church to Epstein (via Lesley Groff): report on “how COUQ money has been used in 2007 and will be used in 2008.”*

■ *Signed: “Professor of Genetics, Harvard Medical School; MIT Health Sciences & Technology; Senior Associate of the Broad Inst. of Harvard & MIT; Director, DOE MIT-Harvard Genomes to Life Center; Director, NIH Center for Excellence in Genomic Science”*

Church — holder of five simultaneous directorships at America’s most prestigious research institutions — was filing annual progress reports to a convicted sex offender’s charitable foundation.

Leon Black’s Genomics Fund

The money didn’t always come from Epstein directly. In December 2014, wire instructions were prepared for a donation to Harvard Medical School:

■ **Document:** *vol00009-efta00714664-pdf* (December 17–18, 2014)

■ *Irene Hammer-McLaughlin (Harvard Medical School): “Please let Mr. Epstein know that we are so grateful for him for trying to expedite this gift — and of course to Mr. Black for his support!”*

The destination: the “**Genomics and Synthetic Biology Research Fund**” at Harvard Medical School — George Church’s operation. The donor: **Leon Black** (Apollo Global Management). The broker: Jeffrey Epstein.

In the same month, Epstein arranged a separate **\$5 million donation from Leon Black** to Martin Nowak’s Program for Evolutionary Dynamics — \$4 million immediately, \$1 million the following year.

Epstein was functioning as a **dark philanthropy broker** — matching billionaire donors to cutting-edge genetics research while maintaining relationships with both sides.

Part V: The CRISPR Investment Pipeline

Boris Nikolic — From Gates's Advisor to CRISPR Kingmaker

Boris Nikolic served as Bill Gates's **Chief Advisor for Science and Technology** before becoming a biotech venture capitalist. His correspondence with Epstein reveals how frontier genetic research was commercialized through a pipeline that ran directly through Epstein's network.

The \$120 Million Round In August 2015, Boris reported a major deal to Epstein:

█ **Document:** *EFTA01462770*

█ *A Bloomberg article: Boris Nikolic had led **Editas Medicine's \$120 million CRISPR funding round**. Bill Gates was co-investing.*

█ **Document:** *EFTA02361191*

█ *Boris to Epstein: "Gates Google Join \$120M Funding for Genome Editing Firm" — then added: "**Have two other similar deals in cooking for Fall.**"*

Epstein: *"im soooo glad for you, no fund easier follow up."*

CRISPR Mania Two months earlier, Boris had given Epstein a real-time market report:

█ **Document:** *EFTA02493180 (July 27, 2015)*

█ *Boris to Epstein: "It is mind-blowing how is this CRISPR/Cas9 deal hot... Demand from the key investors surpassed >5x the size of a round."*

The CRISPR investment thesis was not theoretical. Boris was actively deploying hundreds of millions of dollars into gene-editing companies while briefing Epstein on deal flow, valuations, and market demand — and Epstein was responding as a financial peer, not a philanthropist.

Foundation Medicine The pipeline extended to cancer genomics:

█ **Document:** *EFTA01908024 (2013)*

*Boris shared news of Gates’s investment in **Foundation Medicine** (cancer DNA sequencing), noting: “Bill Gates Invests In Cancer DNA Sequencing Firm”*

Document: EFTA02573045

Boris: “Eric Lander told me and connected me” — the Broad Institute director was feeding deals into Boris’s pipeline.

Document: EFTA01977531

Epstein to an associate: “I just talked to bill gates, the company called Foundation Medicine sequences the gene against a data base of all medicines”

The structure was clear: **Eric Lander** (Broad Institute / Human Genome Project) identified targets □ **Boris Nikolic** structured deals □ **Bill Gates** provided capital □ **Epstein** brokered introductions and collected information. Each node served a function in a private-market genetics investment machine.

The Illumina Accelerator Boris kept Epstein current on the entire genomics industry:

Document: EFTA01933592 (February 12, 2014)

Boris to Epstein: “Illumina launches the Illumina Accelerator Program — world’s first genomics incubator”

Illumina is the dominant manufacturer of DNA sequencing machines. By tracking incubator programs, Boris was mapping the supply chain of genetic engineering — from sequencing hardware to CRISPR applications to clinical deployment.

“Fountain of Youth” The investment thesis extended to anti-aging:

Document: vol00009-efta00711072-pdf (December 20, 2013)

Boris to Epstein: “This is one of the areas on which I want to focus my investing (aging, anti-aging skin products etc)... Perhaps we should go on an IV therapy soon ;)”

The winking emoticon notwithstanding, Boris was building a portfolio thesis around longevity biotechnology — with Epstein as confidant, co-investor, and potential customer.

Named as Executor Boris Nikolic would later be revealed as a **named executor of Epstein's will** — signed just two days before Epstein's death in August 2019. Nikolic denied knowledge of the designation. But the correspondence shows a relationship spanning at least seven years, during which Nikolic briefed Epstein on deals worth hundreds of millions of dollars, shared proprietary market intelligence, and discussed personal health therapies.

Part VI: Forbidden Research

"Off the Record"

In 2016, MIT Media Lab director **Joi Ito** organized a series of meetings under the banner **"Forbidden Research"** — explicitly addressing scientific topics considered too controversial for public discussion. The invitation to Epstein was direct:

▮ **Document: EFTA02476477**

▮ *Ito to Epstein:* "you should come to the secret Forbidden Research meeting at the Lab. Reid will be there. It will be off the record."

▮ **Document: EFTA02471610**

▮ *Ito:* "We need to plan day 2 of forbidden research which will be a closed meeting. Reid will be there."

▮ *Epstein:* "if the slush fund is to be replenished how do the boys make out their checks"

The juxtaposition is jarring: in the same breath as planning a secret scientific meeting, Epstein pivoted to the mechanics of anonymous funding through Ito's "slush fund" at MIT.

The Topics

The Forbidden Research conference addressed technologies that regulatory frameworks hadn't caught up with:

▮ **Document: EFTA02458524**

▮ *Topics: germline modification, CRISPR, gene drives, psychedelics, end-of-life care, wealth distribution, mass control*

The attendee list read like a who's who of AI and genetics:

Invitee	Affiliation
Jeffrey Epstein	Convicted sex offender / funder
Reid Hoffman	LinkedIn / Greylock Partners
George Church	Harvard geneticist / CRISPR pioneer
Steven Wolfram	Wolfram Research
Seth Lloyd	MIT quantum computing
Paul Graham	Y Combinator
Ben Goertzel	AGI researcher
Demis Hassabis	DeepMind (now Google)
Max Tegmark	MIT / Future of Life Institute

“Taboo Science”

Epstein described the initiative to others as something bolder than a conference:

■ **Document: EFTA01799438** (April 6, 2016)

■ *Epstein to Rupert Sheldrake*: “at MIT we are beginning a ‘taboo’ science review. CRISPR, gene drives. etc.”

The phrase “we are beginning” is telling — Epstein positioned himself not as an attendee but as a co-founder of the initiative, framing banned genetic technologies as “taboo science” ripe for review.

Dragging Scientists to Epstein’s House

Ito explicitly described using the conference as a feeder for private meetings with Epstein:

■ **Document: EFTA02458760**

■ *Ito*: “Forbidden Research is at AAAS... Reid will be there too. I can drag interesting people over to the house for meetings with you, me and Reid.”

■ **Document: EFTA02060380**

█ *Ito*: “Can I get Leon’s contact info? I want to send him an invite to the Forbidden Research conference. Reid will be there too.”

The pattern: a legitimate scientific venue (AAAS) hosted the public-facing event. The real meetings happened at Epstein’s residence, curated by Ito, with Hoffman as permanent co-host and Leon Black as prospective donor. The conference was a recruitment tool.

Confidential Faculty Searches

Ito also used Epstein as a sounding board for MIT hiring decisions in genetic engineering:

█ **Document: EFTA01945214** (December 16, 2013)

█ *Subject*: “Confidential — Media Lab search in area of biological interfaces”

█ *George Church recommended “superstar grad students” for MIT Media Lab faculty positions, forwarded to Epstein “FYI”*: - **Adam Marblestone** — *Physics of Rosetta BRAIN/BAM, DNA origami* - **Marc Lajoie** — *first Genomically Recoded Organism* - **Prashant Mali and Luhan Yang** — *human genome editing CRISPR, human organoids* - **Jay Lee** — *in situ sequencing for Rosetta BRAIN* - **Kevin Esvelt** — *accelerated lab evolution, taming natural populations*

A convicted sex offender was receiving confidential faculty search documents for positions at MIT Media Lab in the field of **human genome editing**.

Part VII: The Eastern European Connections

Reid Hoffman and Ukraine

The Bishop “ukraine lab” reference did not exist in a vacuum. Epstein’s office coordinated travel to Ukraine for members of his network:

█ **Document: EFTA02544471** (September 26, 2011)

█ *Lesley Groff (Epstein’s assistant)*: “Keating wants to go to paris today. Boris Moscow. Reid Ukraine.”

█ **Document: EFTA02001150** (same day, calendar shorthand)

“keating wants to go to paris, 26th, boris moscow reid, ukraine”

Three simultaneous travel items coordinated through Epstein’s office: an associate to Paris, **Boris Nikolic to Moscow**, and **Reid Hoffman to Ukraine**. The entries are terse — logistics, not explanations — but they document Epstein’s role as travel coordinator for trips to Eastern Europe by key members of his science and investment network.

The Putin Meeting

The Eastern European connections extended to Russia’s highest levels:

Document: EFTA02585538 (July 2014)

Joi Ito to Epstein: “I wasn’t able to convince Reid to change his schedule to go meet Putin with you.”

Epstein: “Bad idea now after plane crash” — *a reference to the July 17, 2014 shootdown of Malaysia Airlines Flight MH17 over eastern Ukraine.*

Epstein was arranging meetings with Vladimir Putin and the cancellation was tactical (bad optics after MH17), not principled. Reid Hoffman was the intended companion.

Moscow, Kiev, New York

Document: EFTA01869685

Epstein in Paris: “gates coming to spend more time end of month, come visit — ny moscow kiev”

Epstein treated Moscow and Kyiv as routine stops on his circuit — equivalent to New York and Paris. The intersection of this Eastern European travel with Bishop’s Ukraine laboratory and Boris Nikolic’s Moscow connections suggests a network that was geographically broader than previously understood.

Part VIII: The Funding Infrastructure

Health & Science Interests II Trust

Epstein’s science funding flowed through a web of trusts, foundations, and offshore entities. One of the least examined is the **Health & Science Interests II** trust, which made quarterly

distributions through **Mellon Bank** (later Bank of New York):

Date	Source	Amount
Jul 2001	Mellon PIT Health and Science Interests II	\$116,595
Oct 2001	Health and Science Interests II	\$116,596
Jan 2002	Bank of New York ref: Health Science Interests II	\$120,000
Apr 2002	Health & Science Interests II	\$425,000
Oct 2002	Health & Science Interests II	\$1,115,399

Total documented (2001–2002 alone): \$1,893,590

The trust's name — “Health & Science Interests” — was literal. It was a dedicated vehicle for funding Epstein's scientific program, with distributions exceeding \$1 million in a single quarter.

Florida Science Foundation

Epstein's **COUQ Foundation** (his primary charitable vehicle) made substantial payments to the **Florida Science Foundation**:

Date	Type	Amount
Jul 2008 – Aug 2009	Monthly rent (One Clearlake Centre)	~\$5,500–\$6,000/month
Oct 2008	Direct payment	\$50,000
Dec 2008	Direct payment	\$50,000
May 2009	Direct payment	\$30,000

Total documented: \$300,000+

The Florida Science Foundation operated from office space rented by COUQ Foundation — a charity paying rent for another entity it also funded directly.

The COUQ-to-Harvard Pipeline

Church's lab received COUQ funding and filed annual reports to Epstein. The broader COUQ distribution map for science:

Recipient	Amount	Purpose
Harvard PED (Nowak)	\$6.5M	Evolutionary dynamics
George Church Lab	Undisclosed (annual)	Genetics research
Biosocial Research Foundation	\$25,000	Bay Federal Credit Union, Scotts Valley CA
Florida Science Foundation	\$300K+	Rent + direct payments
Seth Lloyd (MIT)	\$100,000	Quantum computing
Joscha Bach	\$35,000	Travel support
Binghamton University	\$10,000	Science and Math Scholarship
La Roche College	\$10,000	Science and Math Scholarship

Biopharmaceutical Investments

Epstein also maintained a portfolio of genetics and biotech stock positions:

Company	Transaction	Amount
Large Scale Biology Corp	Buy/sell	\$17,000 □ \$21,437
ShangPharma Corporation	Buy/sell	\$37,500 □ \$33,874
BioMimetic Therapeutics	Buy/sell (HBRK Associates)	\$63,750 □ \$62,999
ARIAD Pharmaceuticals + Biogen IDEC	Purchase	\$501,930
Biogen IDEC	Asset transfer (Southern Financial)	\$663,843

The pharma portfolio was modest by Epstein's standards — but it shows active trading in exactly the sectors his scientific network was advancing.

The Gates-Epstein Science Fund

The ultimate ambition was a joint fund with Bill Gates:

█ **Document: EFTA01923114 (June 11, 2014)**

Epstein to Gates: “I can only assume, like me, the novelty is running thin on minister meetings... Why don’t we do something radical, disruptive. Global Health could be advanced in leaps instead of steps, with try genetic breakthroughs, and virology. I am happy to share a significant fund with you in pure research, if you choose.”

And in DAF talking points drafted for Gates:

Document: *EFTA02592374* (September 27, 2014)

Epstein lists the priorities: “anti aging. **genetic fabrication.**”

He then offers himself as “point person” for arranging meetings with George Church and other Harvard/MIT scientists — and volunteers to fly from the Caribbean to Boston to make it happen.

“Genetic fabrication” — Epstein’s own term for what he was funding — captures the ambition precisely. Not genetic research. Not genetic therapy. **Fabrication:** the manufacturing of biological organisms to specification.

Part IX: Timeline

Date	Event
2001–2002	Health & Science Interests II trust distributes \$1.9M+
2005–2007	George Church receives Epstein/COUQ funding for “cutting-edge science”
2008	Church files annual report to Epstein on “how COUQ money has been used”
2008–2009	Florida Science Foundation receives \$300K+ from COUQ
Feb 2009	Epstein proposes 7 conferences including “Evolutionary Code Dynamics” with Church and an NSA representative
Mar 2012	Epstein’s “smart day at Harvard” with Eric Lander and George Church on genetics

Date	Event
Jun 2013	Epstein enrolls in Church's Personal Genome Project at Harvard
Jul 2013	Church joins Epstein-Hoffman-Gershenfeld meeting at MIT
Sep 2011	Epstein's office coordinates: " Boris Moscow. Reid Ukraine. "
Dec 2013	Ito forwards confidential MIT faculty search in "biological interfaces" to Epstein
Feb 2014	Boris reports: Illumina launches world's first genomics incubator
Jun 2014	Epstein to Gates: " <i>genetic breakthroughs and virology... I am happy to share a significant fund</i> "
Jul 2014	Church presents Epstein with \$10M investment plan across 10 biotech ventures
Sep 2014	Epstein DAF talking points to Gates: " <i>anti aging. genetic fabrication</i> "
Oct 2014	Conference call — " <i>JE is LEADER</i> " — with Church, Clement, and Luhan Yang
Nov 2014	Mega-dinner at Nowak's office: Church, Ito, Hoffman, Summers, Hillis
Dec 2014	Leon Black donation to " Genomics and Synthetic Biology Research Fund " at Harvard for Church
Dec 2014	Epstein arranges \$5M Leon Black donation to Nowak's PED
Aug 2015	Boris leads \$120M Editas Medicine CRISPR round ; Gates co-invests
Aug 2015	Boris to Epstein: " <i>Have two other similar deals cooking for Fall</i> "
2016	MIT hosts " Forbidden Research " meetings — germline modification, CRISPR, gene drives

Date	Event
Apr 2016	Epstein to Sheldrake: <i>“at MIT we are beginning a ‘taboo’ science review. CRISPR, gene drives”</i>
Jul 2016	Dinner at Ito’s: Kevin Esvelt (CRISPR gene drive pioneer) invited; Epstein: <i>“no Kevin”</i>
Apr 2017	Nowak: <i>“CRISPR gene drive... collaboration with George Church was induced by you”</i>
Jan 2018	Monkey clones announced; Epstein: <i>“i can see little dicks running around”</i>
Aug 5, 2018	Bryan Bishop sends “use of funds” for designer baby + human cloning company
Aug 16, 2018	Bishop returns from Lithuania (met Simon Black)
Aug 28, 2018	Bishop shares designer-babies-deck.pdf
Aug 30, 2018	Bishop: “mouse testing at my ukraine lab” + Mississippi amateur + biohacktheplanet
Sep 2018	Bishop sends embryo editing tech diligence; <i>“overseas lab”</i> reports 5% efficiency
Nov 25, 2018	He Jiankui announces CRISPR babies; Bishop emails Epstein: “Chinese edited embryos are mosaic”
Jan 2019	Leonardo Ferreira (UCSF genome engineer) introduced to Epstein
Jul 6, 2019	Epstein arrested
Aug 10, 2019	Epstein dies; Boris Nikolic named as executor of his will
Dec 2019	He Jiankui sentenced to 3 years
Aug 2019	George Church apologizes: <i>“nerd tunnel vision”</i>

Part X: What the Documents Show

The documents assembled in this report establish three things:

1. The Ukraine Lab Was Real

Bryan Bishop's August 2018 emails describe an operational laboratory in Ukraine conducting mouse surgeries and microinjection — not a proposal, not a concept, but active experiments producing results. The lab was part of a decentralized genetic engineering network spanning at least three countries (Ukraine, Mississippi, and an unspecified “overseas” location), operating outside any institutional or regulatory framework, with a convicted sex offender reviewing investment materials.

2. The Pipeline Was Engineered

Epstein did not stumble into genetics. Over fifteen years, he built a pipeline that moved from basic research (Church at Harvard, Nowak's evolutionary dynamics) through commercial investment (Boris's CRISPR deals, the Editas round) to underground application (Bishop's embryo editing, the Ukraine lab). The Forbidden Research meetings at MIT served as a recruitment venue. Leon Black's donations were brokered through Epstein. The funding infrastructure — COUQ, Health & Science Interests II, Florida Science Foundation — provided financial plumbing.

3. The Network Survived Accountability

George Church apologized. Joi Ito resigned from MIT. Boris Nikolic distanced himself. But the underlying network — CRISPR startups that went on to raise hundreds of millions, gene drive technology now deployed in environmental programs, embryo editing techniques refined in labs from Cambridge to Shenzhen — continued without the broker. The science was real. The investment thesis was sound. The question is not whether Epstein influenced the trajectory of genetic engineering — the documents confirm he did — but what was lost when that influence was exercised in secret, without oversight, by a man whose primary talent was leveraging other people's vulnerabilities.

Methodology

This report was compiled from:

1. **Primary source documents** from the DOJ Epstein Files release (3.5 million pages), accessed via the Unsealed databases (kabasshouse.db, jmail.db, unsealed.db)
2. **Keyword searches** across all databases for terms including: Ukraine, biolab, genetic, gene, DNA, CRISPR, embryo, clone, designer baby, Church, Bishop, Boris, Nikolic, Editas, gene drive, forbidden research, germline, fertility, IVF, genome, stem cell, Harvard, MIT Media Lab
3. **Cross-database hydration** linking EFTA file keys across curated documents, email archives, financial records, and derived events

4. **Ethos intelligence database** searches for relevant social media posts and Grok-discovered content
5. **Existing narrative cross-referencing** to ensure no duplication with the published Transhumanism report

All document references cite EFTA file keys verifiable against the DOJ Epstein Library (justice.gov/epstein) and the Unsealed database on this site.

Key Sources

Primary Documents — Bryan Bishop / Ukraine Lab

- EFTA02604748 — “Designer babies (use of funds)” spreadsheet
- EFTA02625362 — **“my ukraine lab”** mouse testing + Mississippi amateur
- EFTA02625569 — Designer-babies-deck.pdf shared with Epstein
- EFTA02625025 — Embryo editing tech diligence, “overseas lab” results
- vol00009-efta01015485-pdf — “Chinese edited embryos are mosaic” (He Jiankui discussion)

Primary Documents — George Church / \$10M Plan

- EFTA01916477, EFTA01917108 — Church’s \$10M investment plan (10 ventures)
- EFTA02387794 — Androcyte / \$193K invoice / Church 2% equity
- vol00009-efta00714664-pdf — Leon Black □ Genomics and Synthetic Biology Research Fund
- vol00009-efta00707374-pdf — Nowak: “collaboration with Church induced by you”

Primary Documents — CRISPR Pipeline

- EFTA01462770 — Boris leads \$120M Editas Medicine round
- EFTA02361191 — Boris: “two more deals cooking”
- EFTA02493180 — Boris: “CRISPR deal hot... 5x oversubscribed”
- EFTA01908024 — Boris reports Gates Foundation Medicine investment

Primary Documents — Forbidden Research

- EFTA02476477 — Ito: “secret Forbidden Research meeting... off the record”
- EFTA02471610 — “slush fund” replenishment during Forbidden Research planning
- EFTA02458524 — Topics: germline modification, CRISPR; invitees include Hassabis, Graham
- EFTA01799438 — Epstein: “taboo science review. CRISPR, gene drives”

Primary Documents — Eastern Europe / Funding

- EFTA02544471 — “Boris Moscow. Reid Ukraine.”
- EFTA02585538 — Ito couldn’t convince Reid to “go meet Putin”
- EFTA01923114 — Epstein to Gates: “genetic breakthroughs and virology”
- EFTA02592374 — DAF: “anti aging. genetic fabrication”
- Health & Science Interests II trust records (financial_transactions table)
- Florida Science Foundation payments (financial_transactions table)