FOUR THIEVES VINEGAR COLLECTIVE

ERADICATING HEPATITIS C WITH BIOTERRORISM



Hacking is the greatest Good



Health is Eternal



Knowledge Belongs to All of Humanity



IT SAYS A LOT ABOUT THE STATE OF HUMANITY WHEN WE DEVELOP CURES FOR DISEASES, AND THEN REFUSE TO DELIVER THEM



Please Raise Your Hand
If You Know Someone Who:

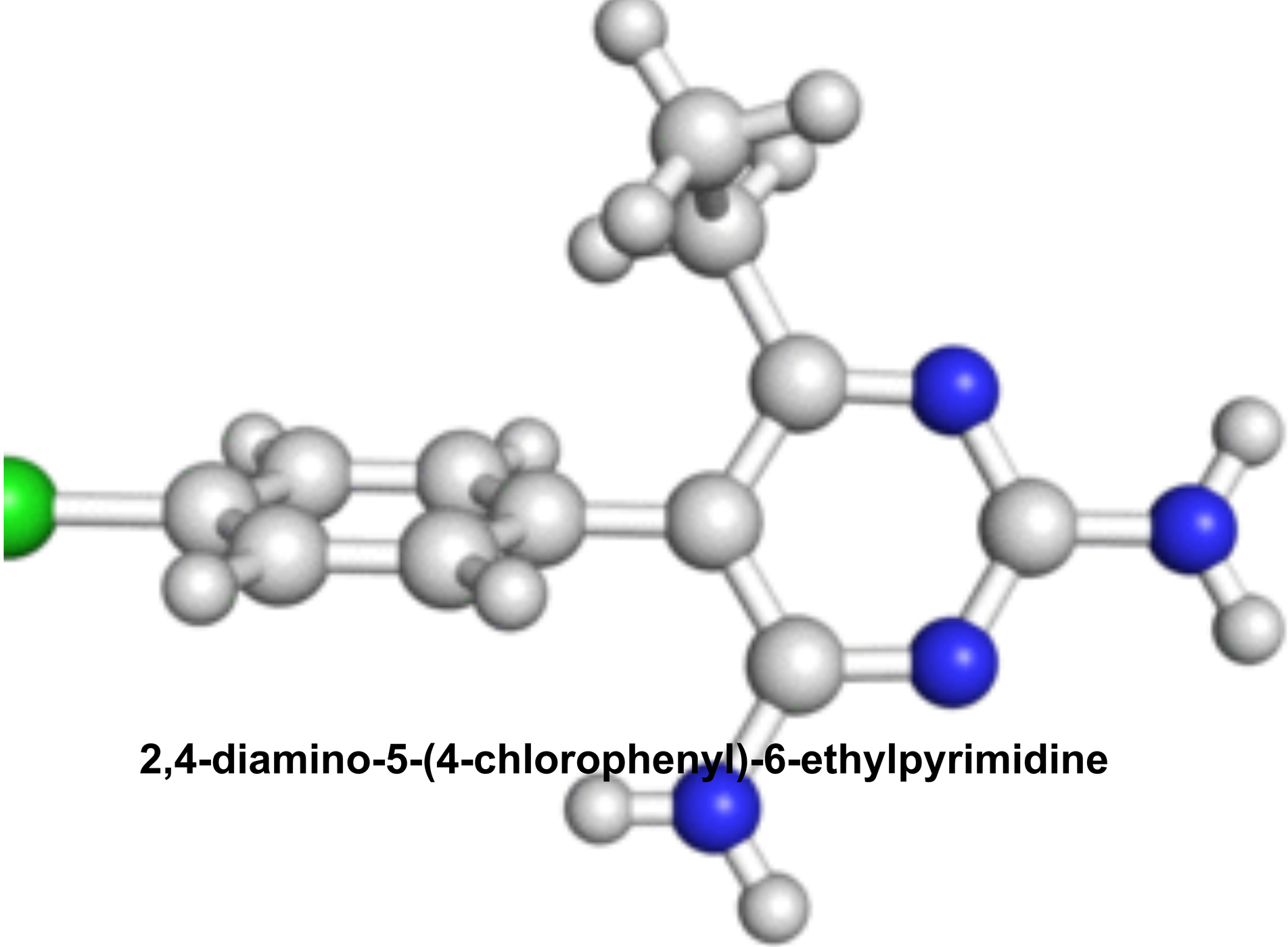
- Is pregnant [or trying] or is immunocompromised AND has a cat
- Has an allergy that sends them into anaphylaxis
- Has hepatitis C
- Is prescribed or otherwise uses opiates



YOU CAN MAKE CHEAPER, BETTER VERSIONS OF MOST MEDICINES, BY YOURSELF AT HOME.




The Medical
Industry
Is a War
Against
Humanity



2,4-diamino-5-(4-chlorophenyl)-6-ethylpyrimidine


TURING
PHARMACEUTICALS
$750 per 50mg pill
Full Course of Treatment: $18,750
[minimum]
DARAPRIM®
(pyrimethamine) 25mg tablets
HKRELI



Dear Mr. Shkreli—

I doubt you remember me, but we had a nice phone conversation two years ago. I called you to discuss an automated chemical reactor my group was developing for the purpose of making small-batch pharmaceuticals. You gave me some perspective, and it has proved useful.

In the interim two years, we have made great progress, and are branching out into other areas. It occurred to me that you might be interested to see the newest iteration of the reactor, and chat about it.

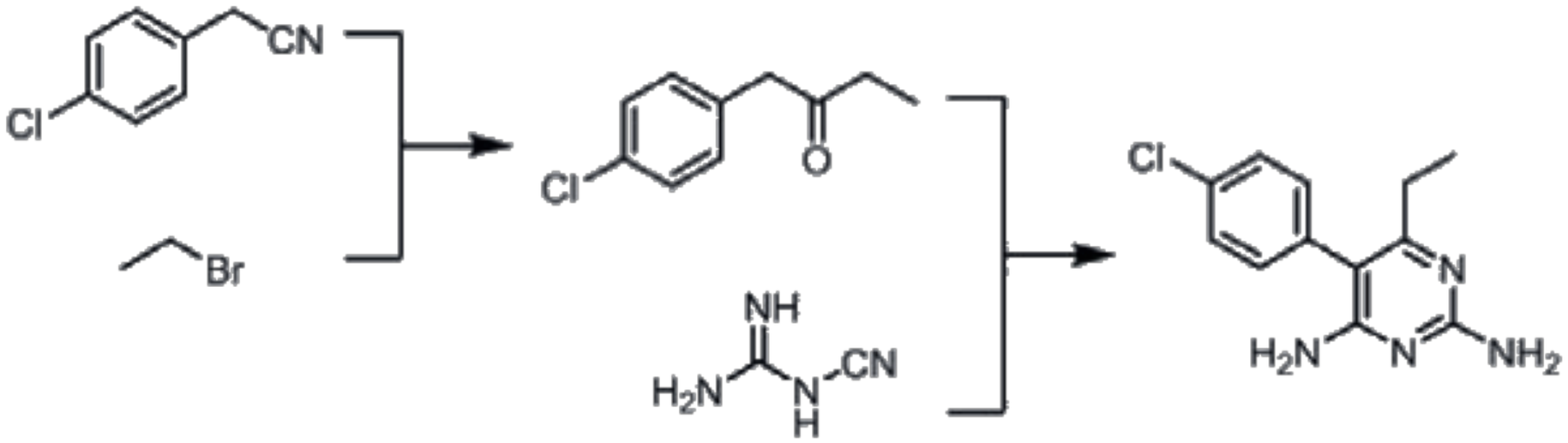
I'll be traveling to New York on the 16TH of July, and if you are interested, I'd like to come by and visit. If not, I hope we can at least correspond further by postal mail. I'll be in town at least until the 19TH, which leaves us some flexibility.

I hope you are as well as can be expected, or better.

—Nikolai S. Lapin

P. M. S. Lapin

Martin Shkreli
87850-053
FCI Fort Dix
P.O. Box 2000
Joint Base MDL, NJ
08640


Cl
CN
Br
Cl
O
NH
H2N
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H
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H2N
N
NH2



Daraprim is *still* $750 per 50mg pill.
And $18,500 for a full course of treatment.

But you can make your own for $80 for a full course.




Mylan®
EpiPen 2-Pak: $604
EPIPEN®
EPIPEN® Jr
Adrenaline (epinephrine) Auto-Injectors 0.3/0.15mg
MS. BRESCH
MYLAN, Inc


EPIPENCIL



EpiPens are ***still*** $604 per pair.

But you can make your own for $30,
And you can reload it for $3






MCH2022
NEW
This Card is an Abortion
for detailed instructions and things to watch out for, scan the QR code, or visit

The Price of Abortion in the US

Guttmacher Institute Figures



$524

Median Cost of Early Medication Abortion Through Traditional Channels.



$160

Cost of a course of misoprostol ordered online

This Card is an Abortion

For detailed instructions, and things to watch out for, scan the QR code, or visit https://fourthievesvinegar.org/card

¢89

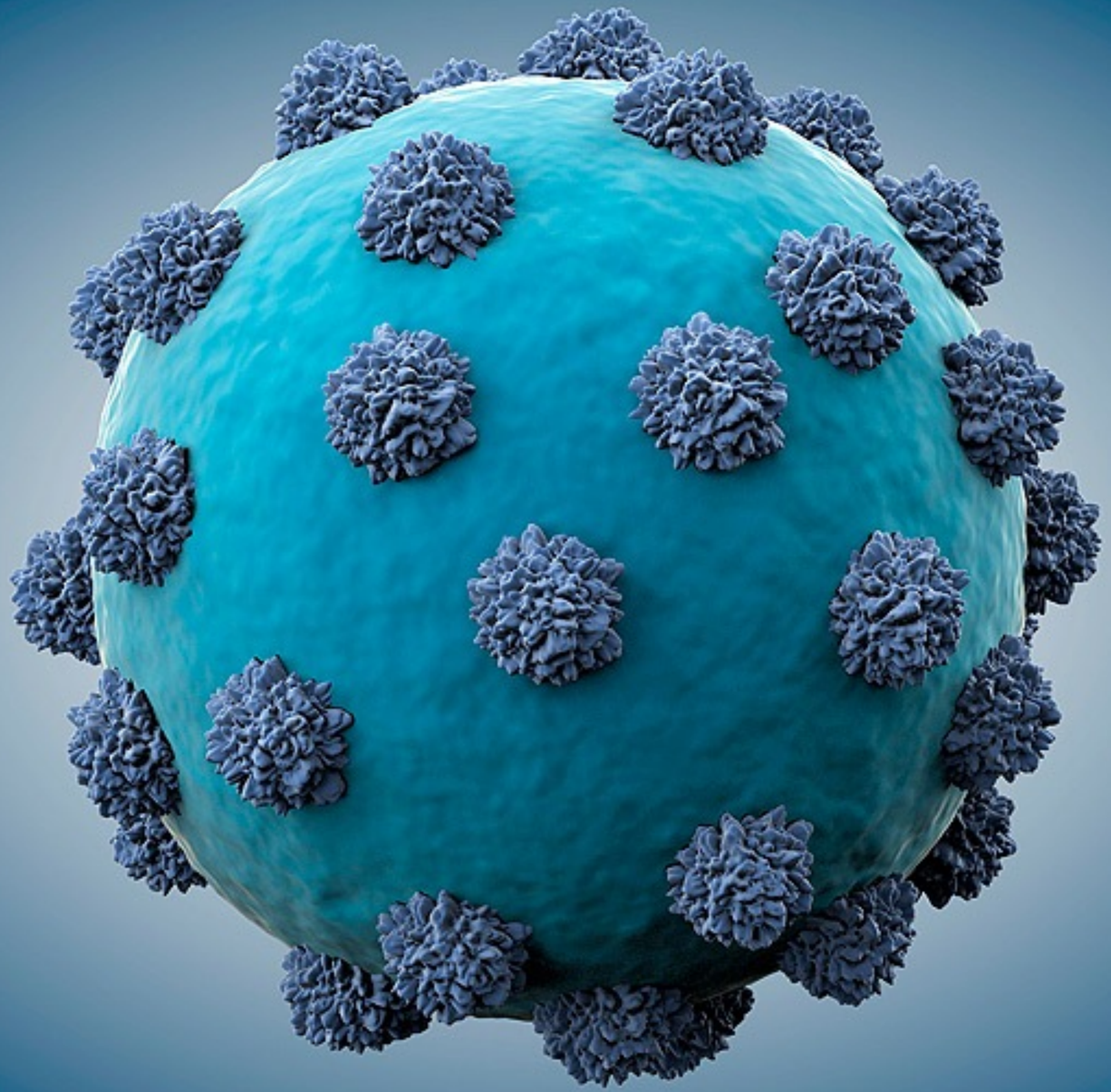
Cost to make one Abortion Card [Including Packaging]

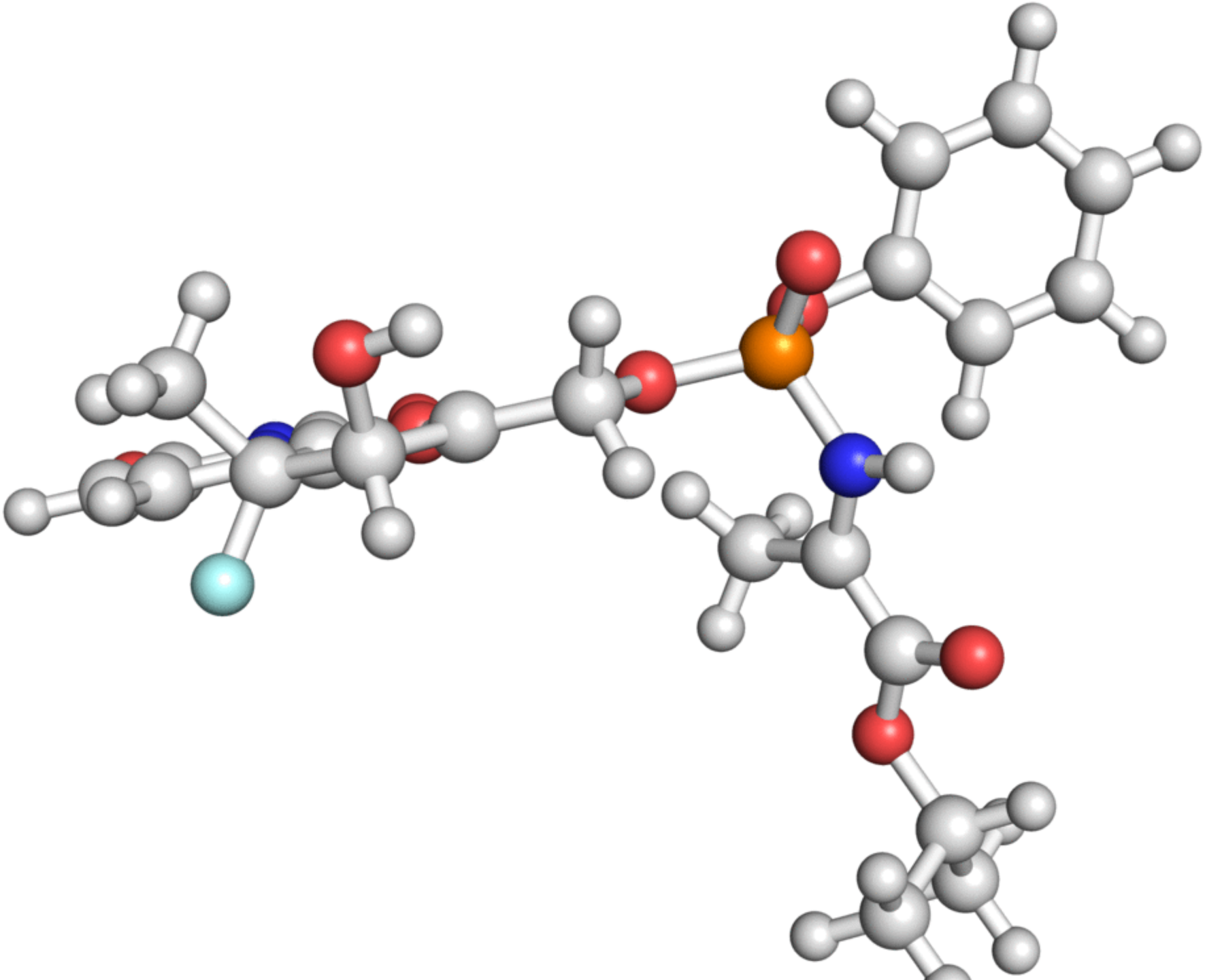
FOURTHIEVESVINEGAR.COLLECTIVE

Abortion pills are ***still*** $150, and illegal in some states.

But you can make your own for ¢89 per full set.

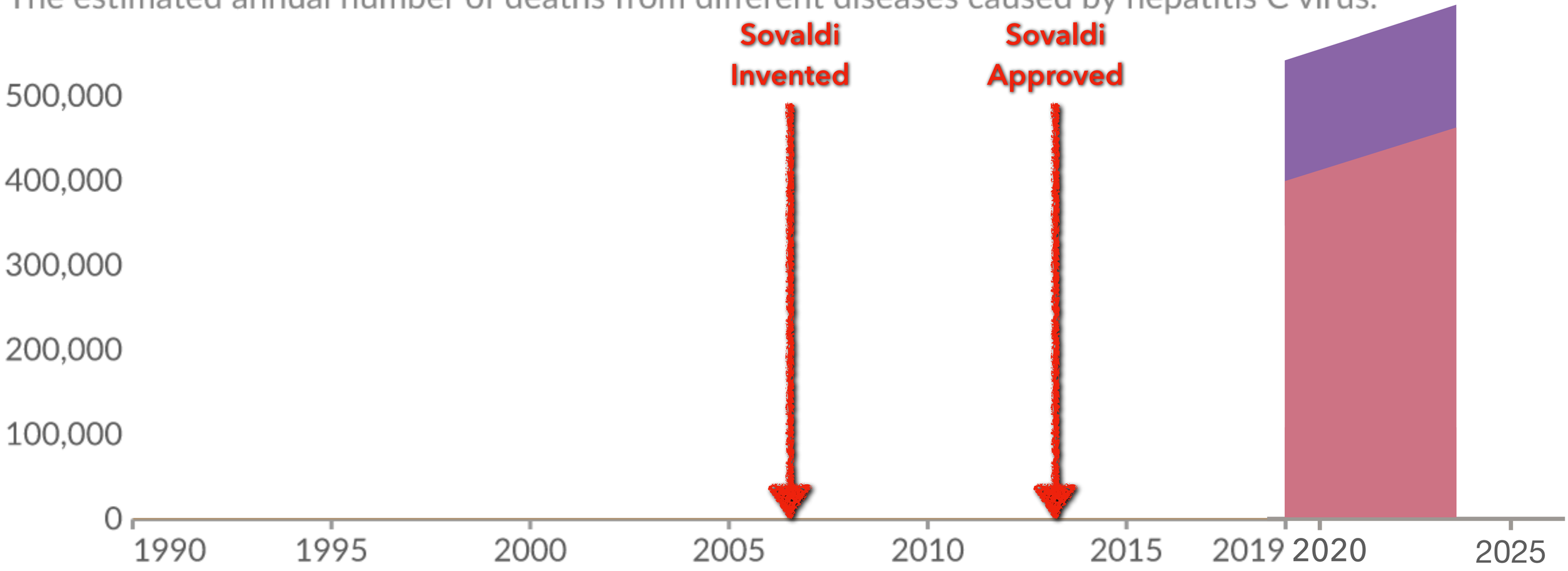






Hepatitis C: deaths by type of disease, World, 1990 to 2019

The estimated annual number of deaths from different diseases caused by hepatitis C virus.

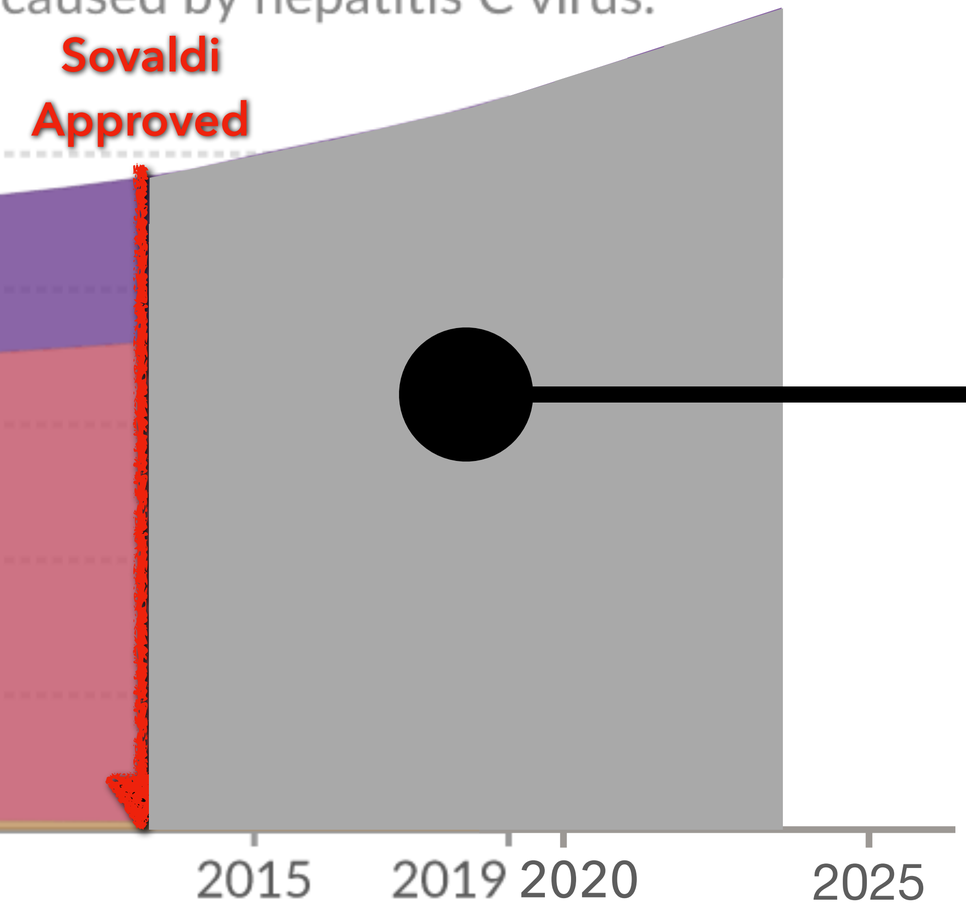


Data source: IHME, Global Burden of Disease Study (2019)

OurWorldInData.org/causes-of-death | CC BY

rld, 1990 to

caused by hepatitis C virus.



Over 3 Million Needless Deaths

WorldInData.org/causes-of-death | CC BY

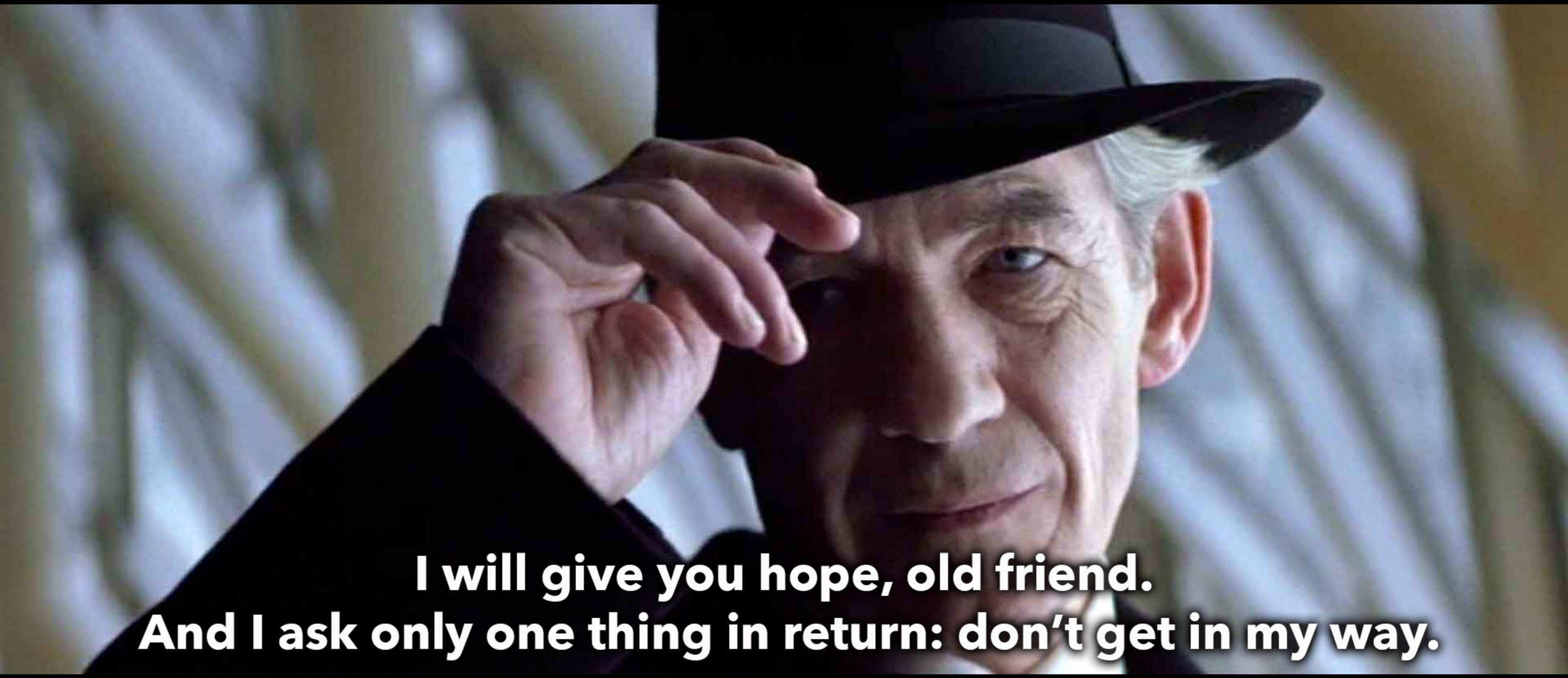
RIGHT NOW:

- Roughly 1% of the world has Hepatits C
- More virulent and more deadly than HIV
- One and a half million people will catch it this year
- Over a quarter of a million will die of Hep C this year
- Someone dies every two minutes from Hep C



IS THERE NO HOPE?




I will give you hope, old friend.
And I ask only one thing in return: don't get in my way.


GILEAD
Sovaldi 400mg Pill: $1,000
Full Course of Treatment: $84,000
SOVALDI™
SOFOSBUVIR
400 mg TABLETS

DIY Pharmaceuticals

Automated Chemistry

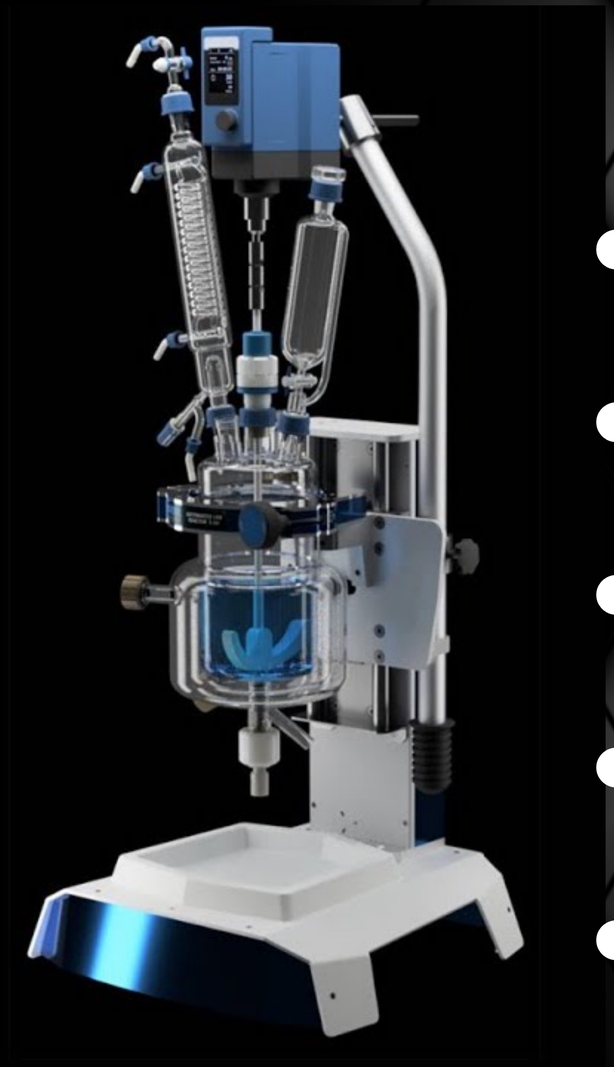
Reaction Procedure Program

Synthesis Pathway

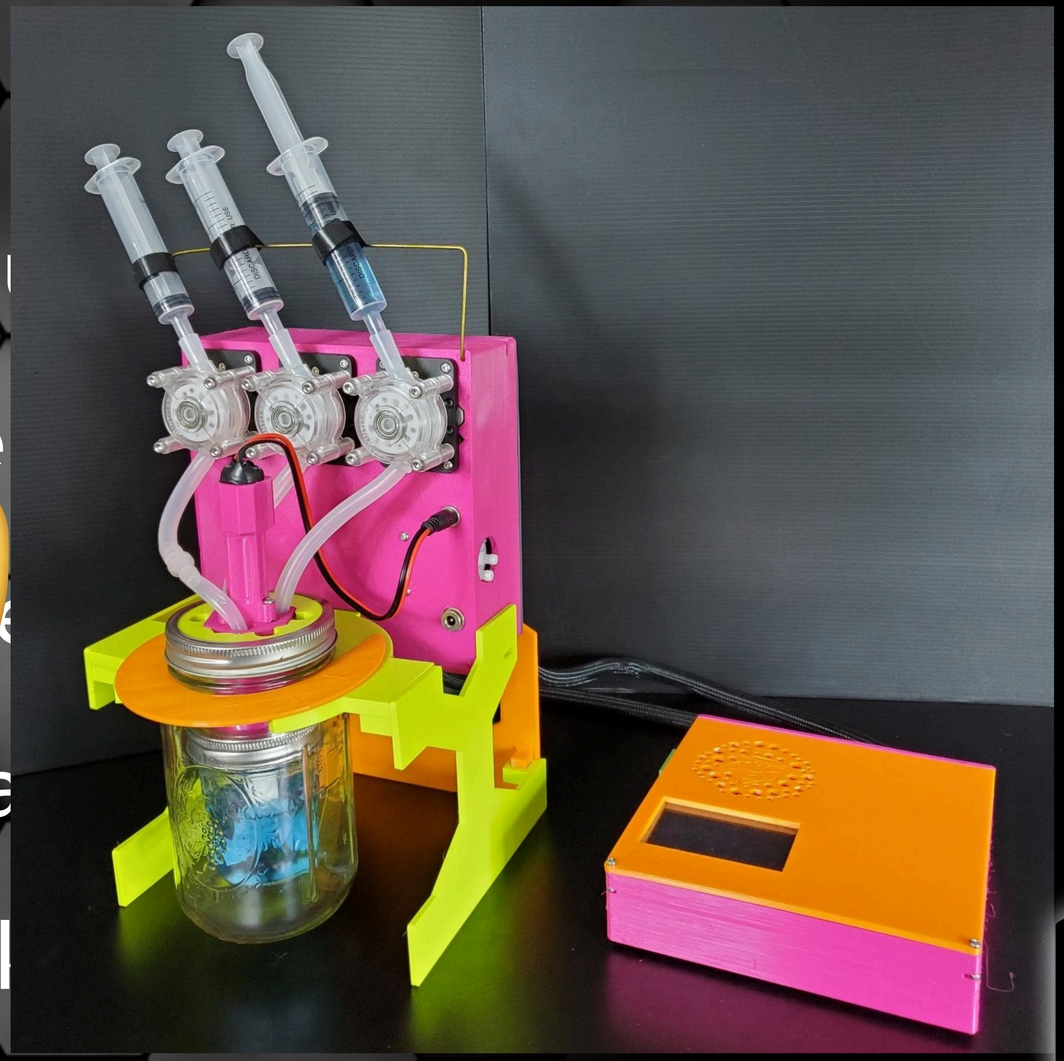
API Identification



Automated Chemistry

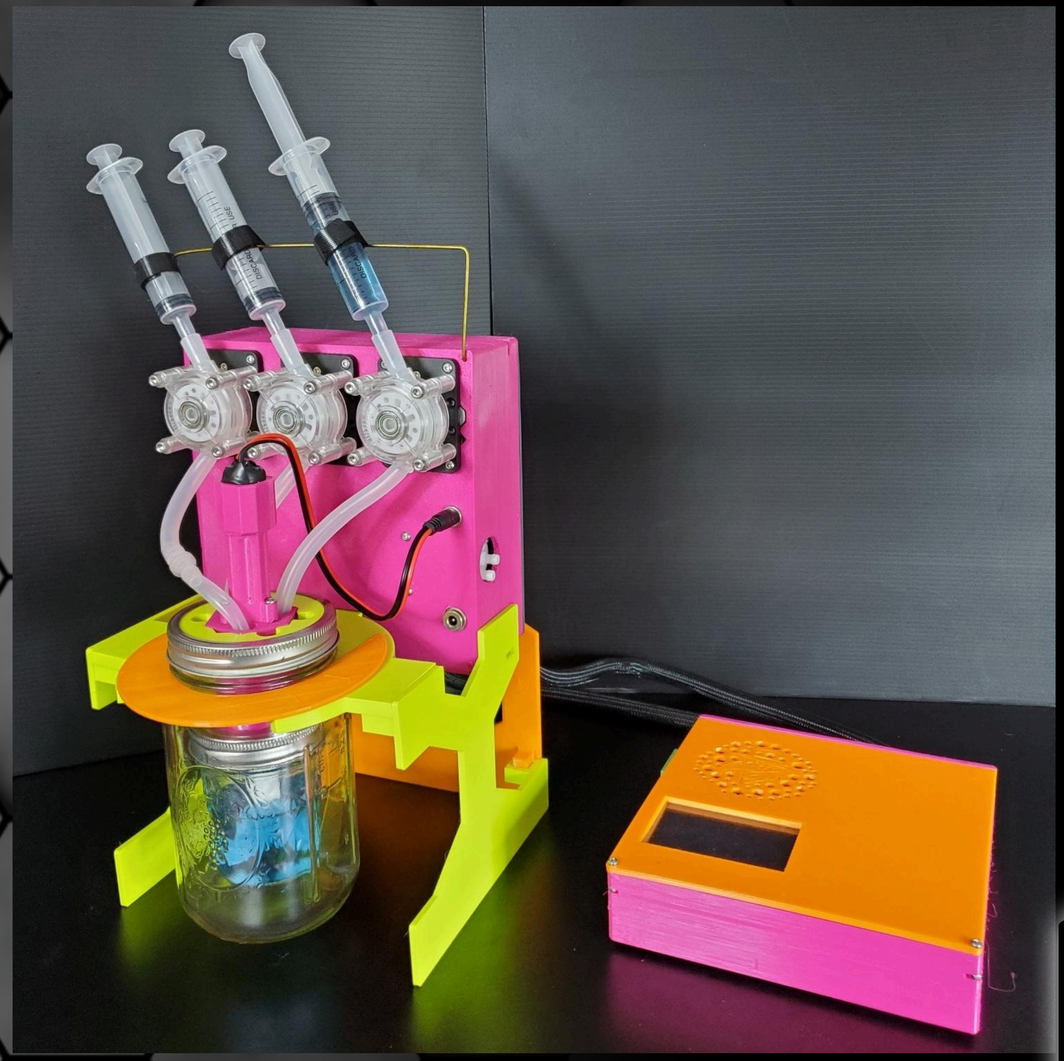


- Close[illegible]-so[illegible]
- Expe[illegible]ive
- Ina[illegible]e
- Can’t expa[illegible]
- Don’t worl[illegible]



Automated Chemistry

- Open-source
- Thoroughly Documented
- Cheap
- DIY built
- Expandable
- Actually works



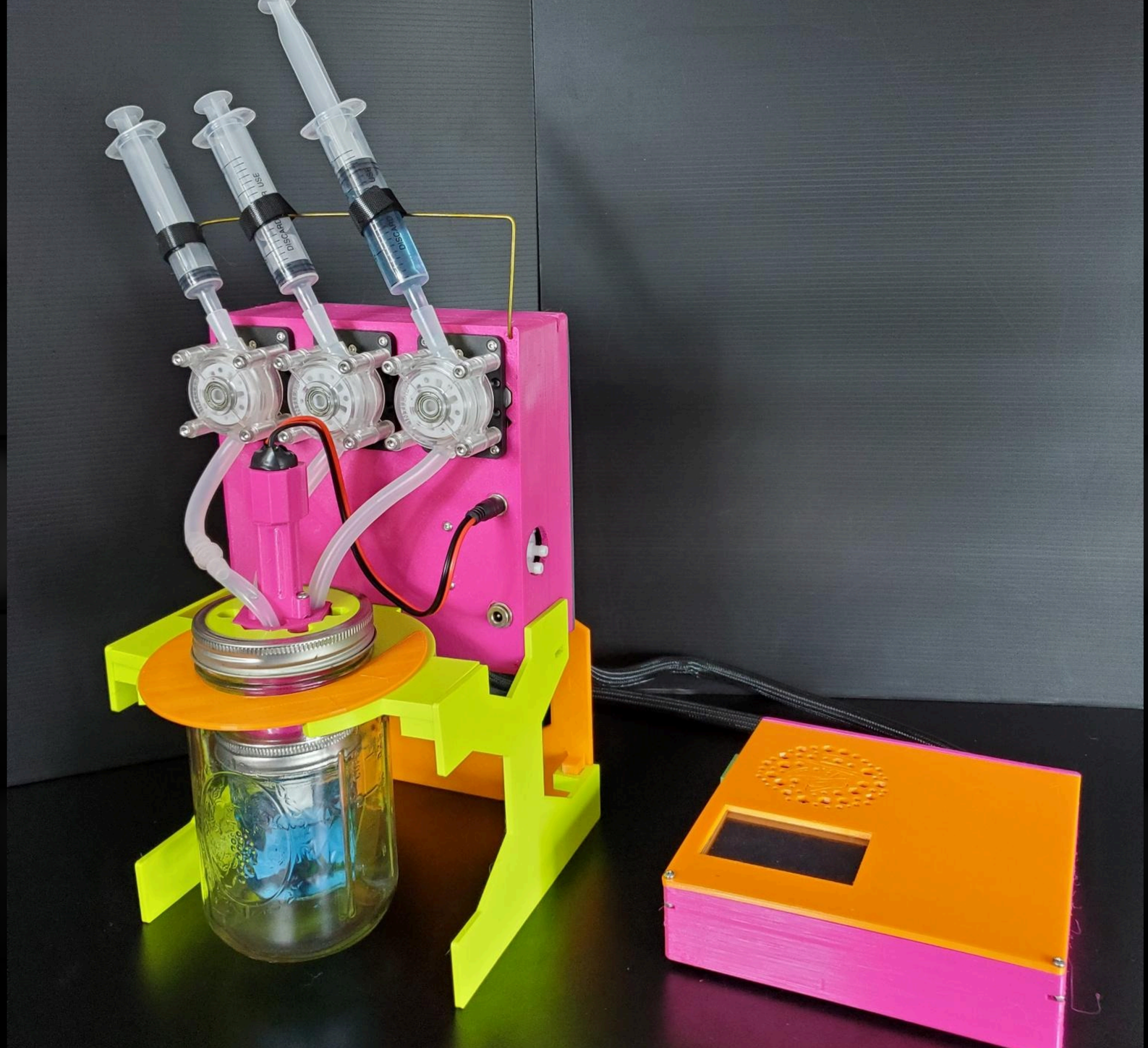


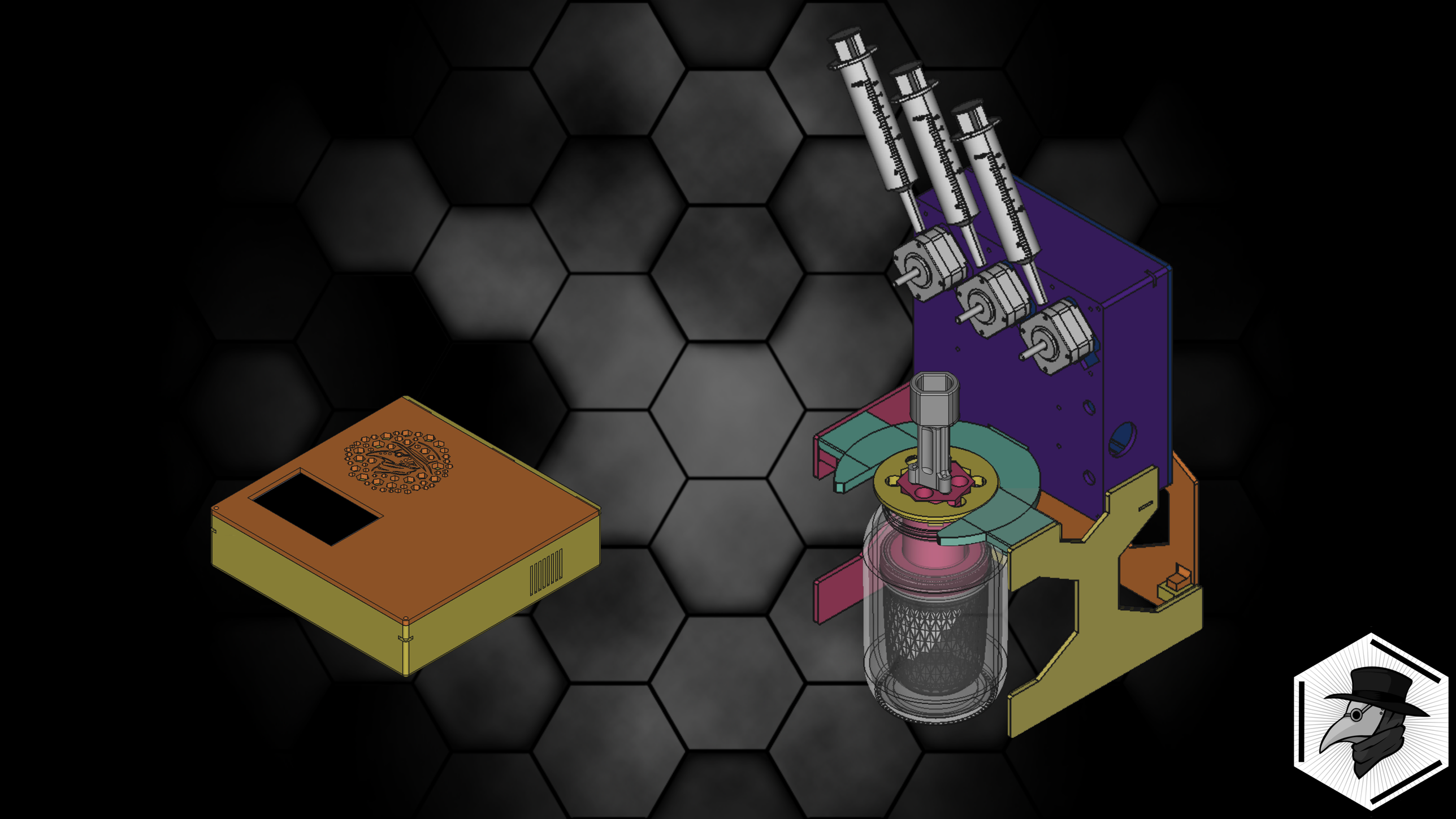
The Four Thieves Vinegar Collective

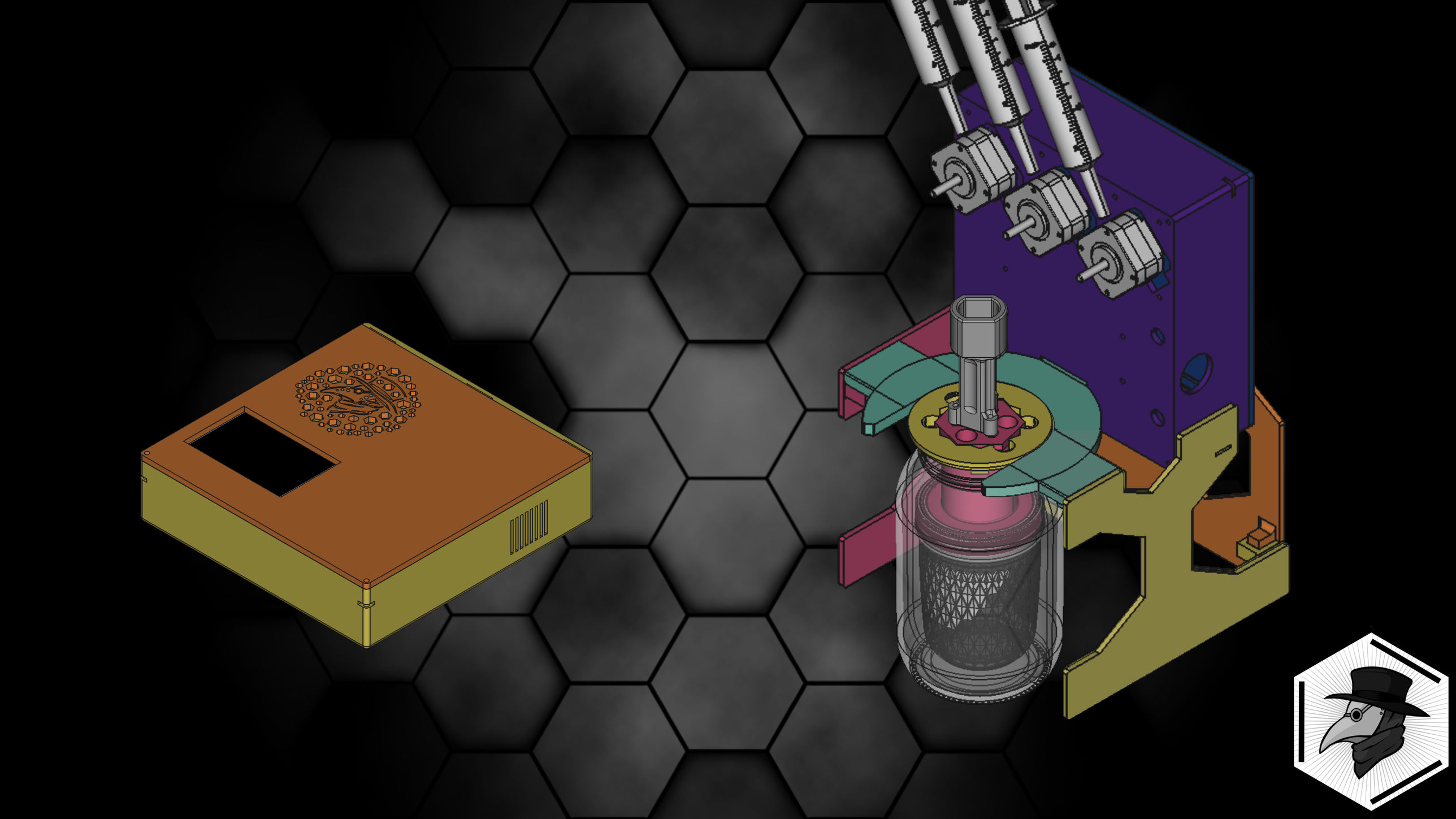
MICROLAB

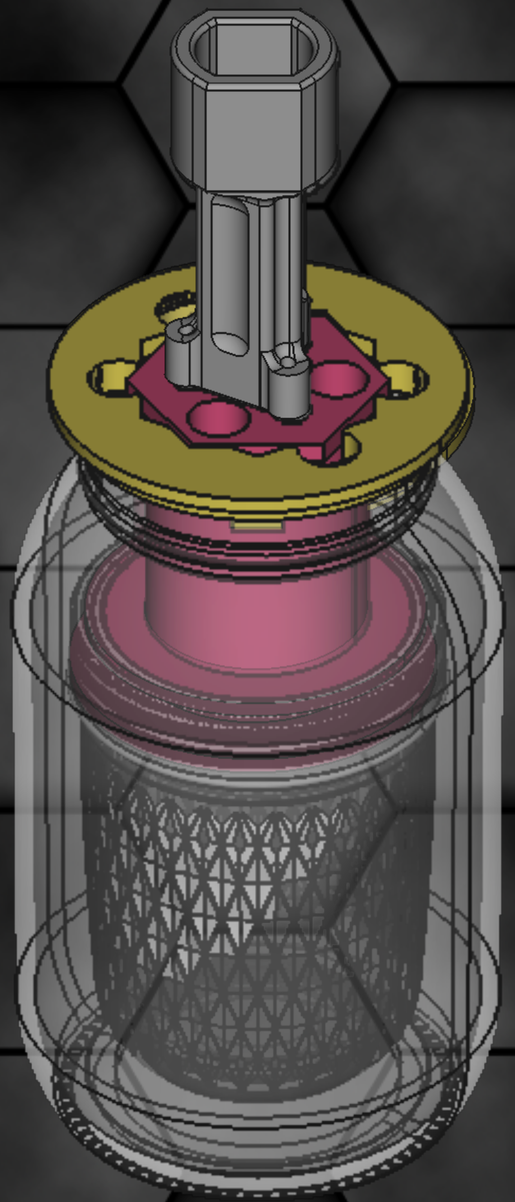
the sweet spot between bench science and meth lab

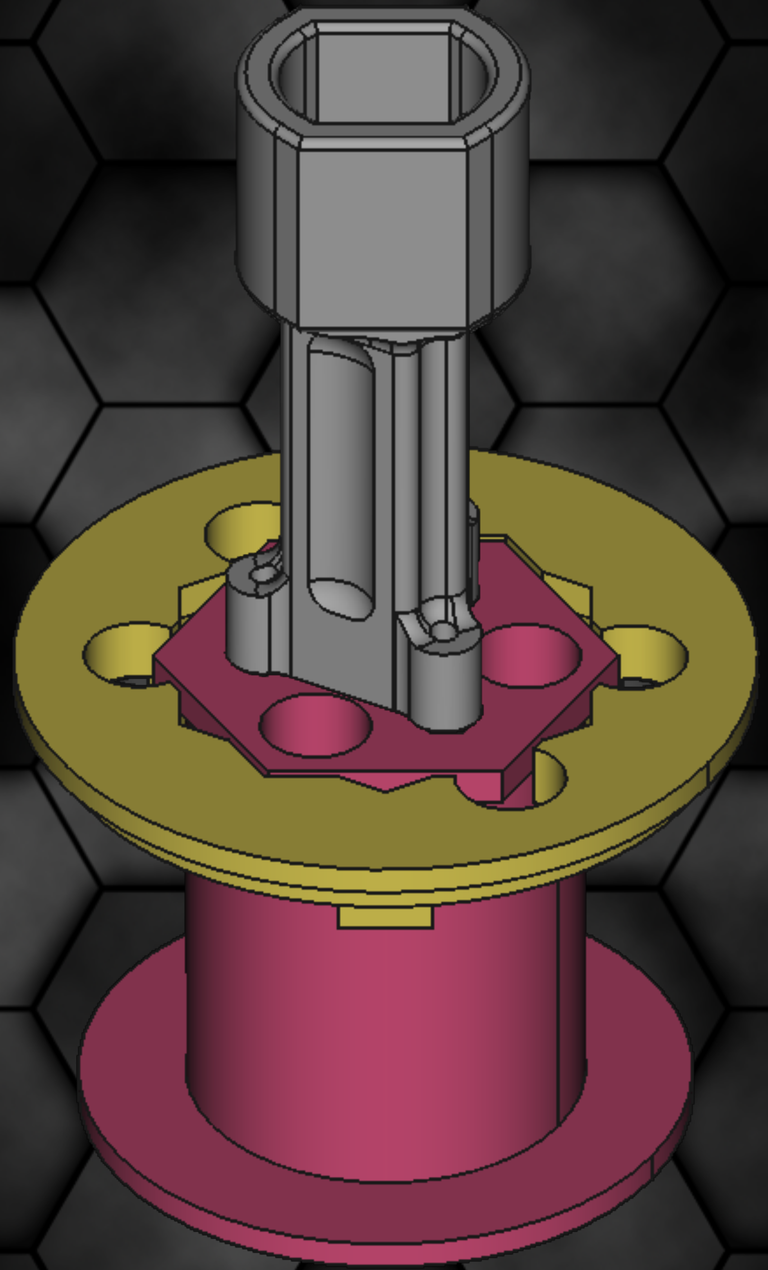


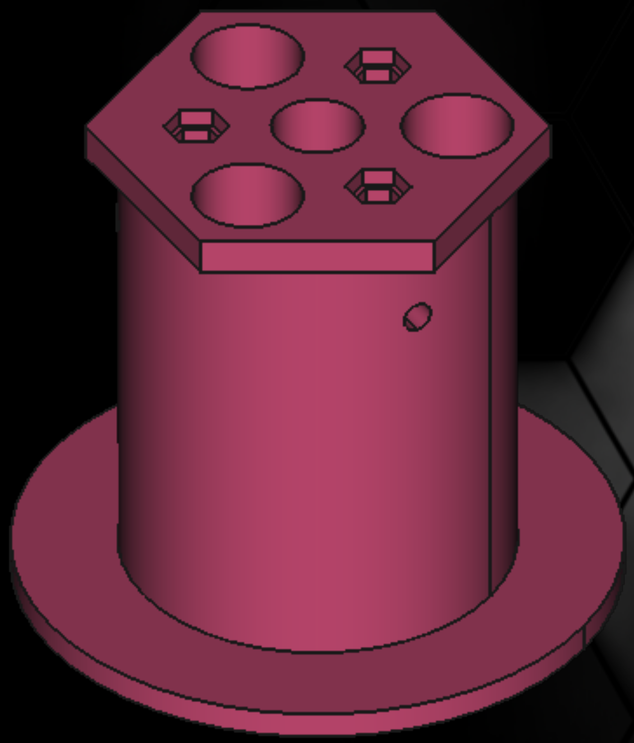


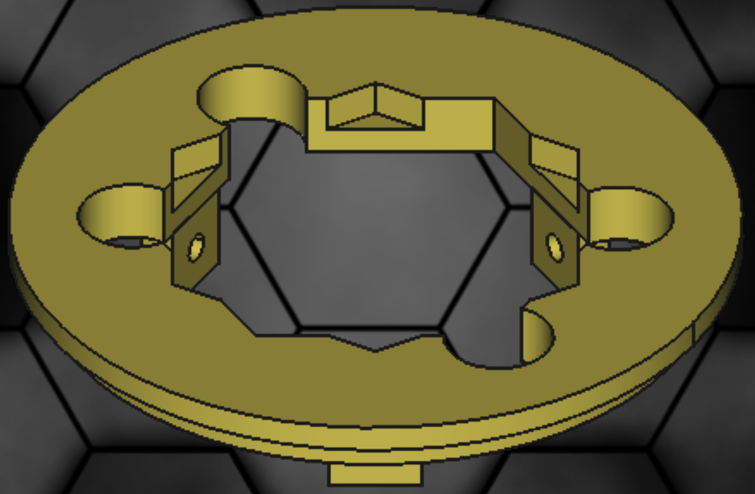


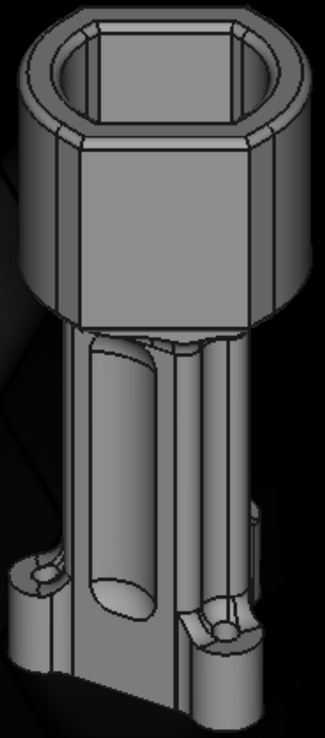


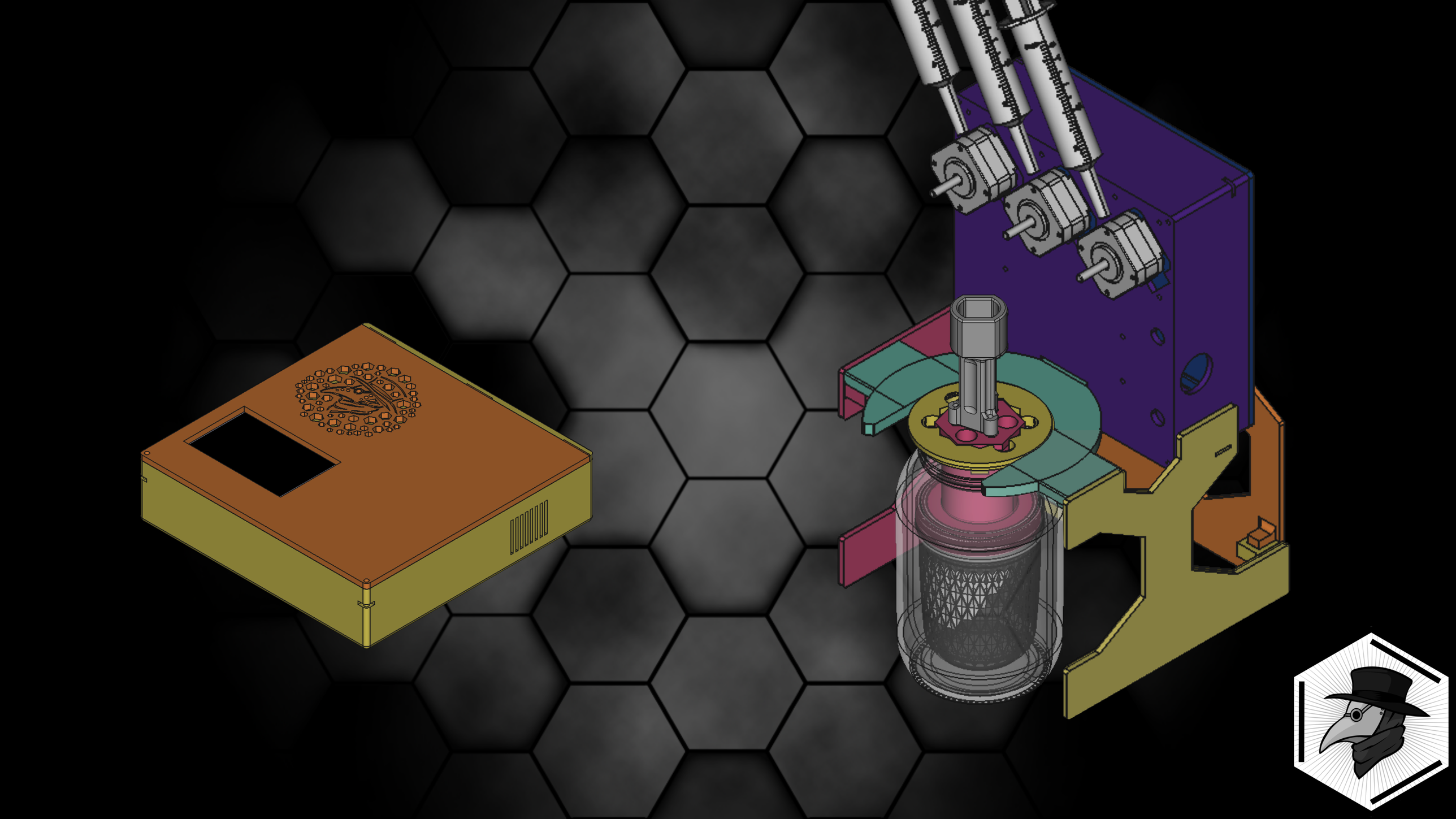


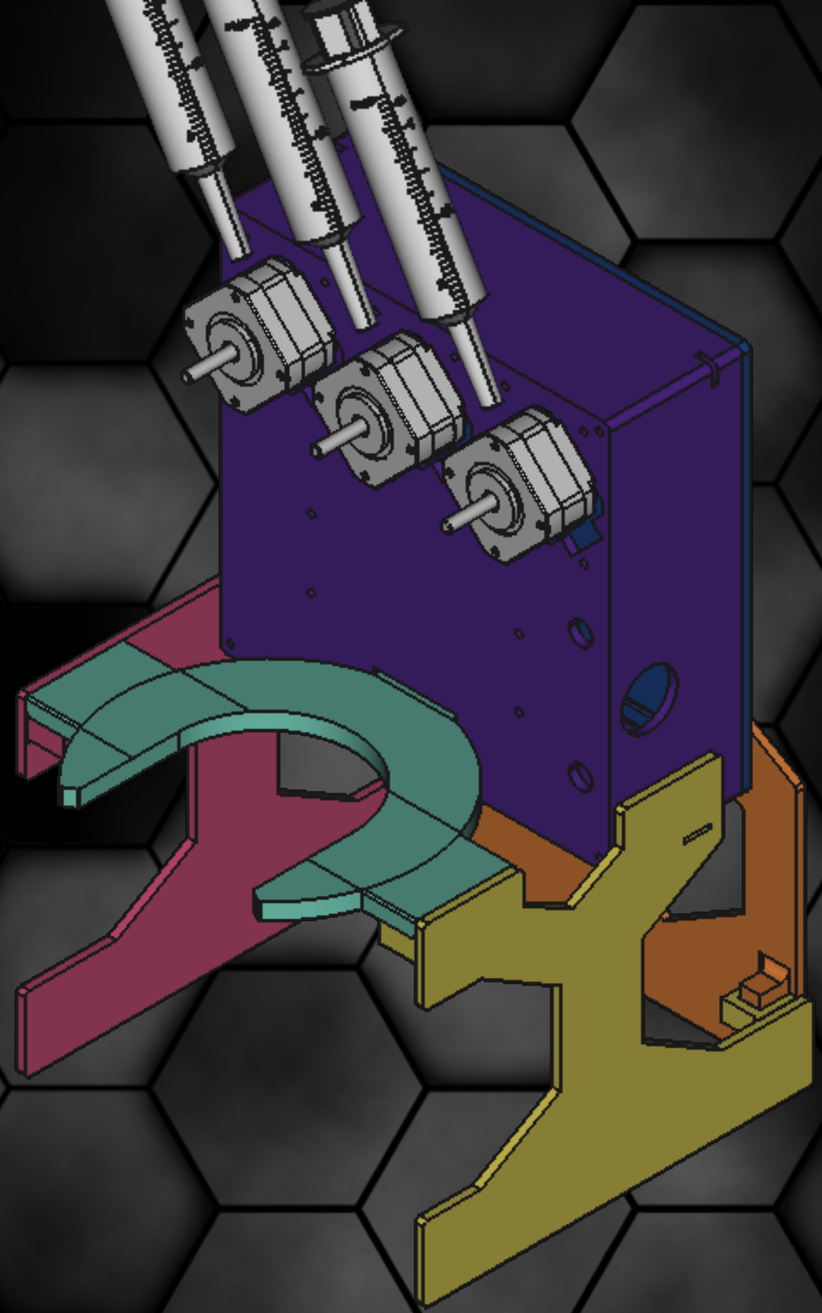


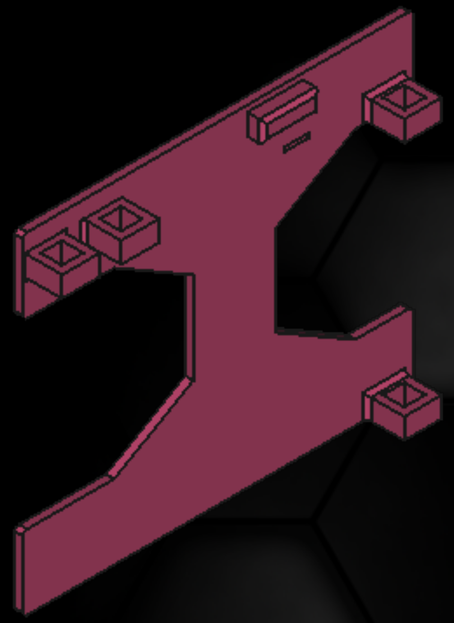




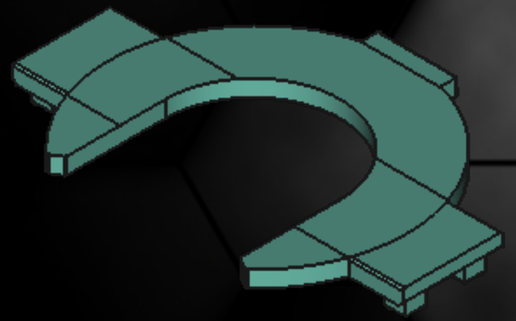






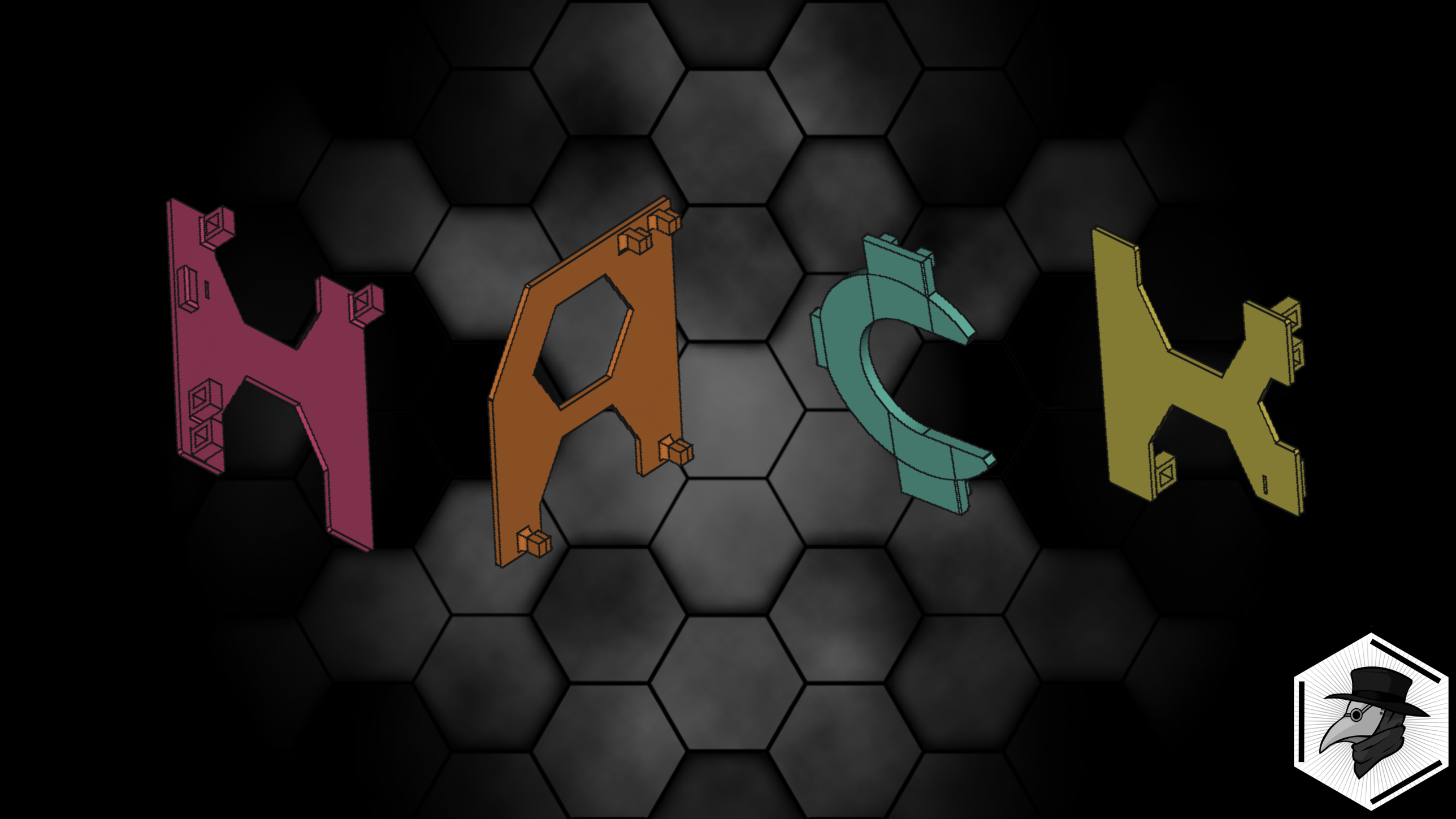


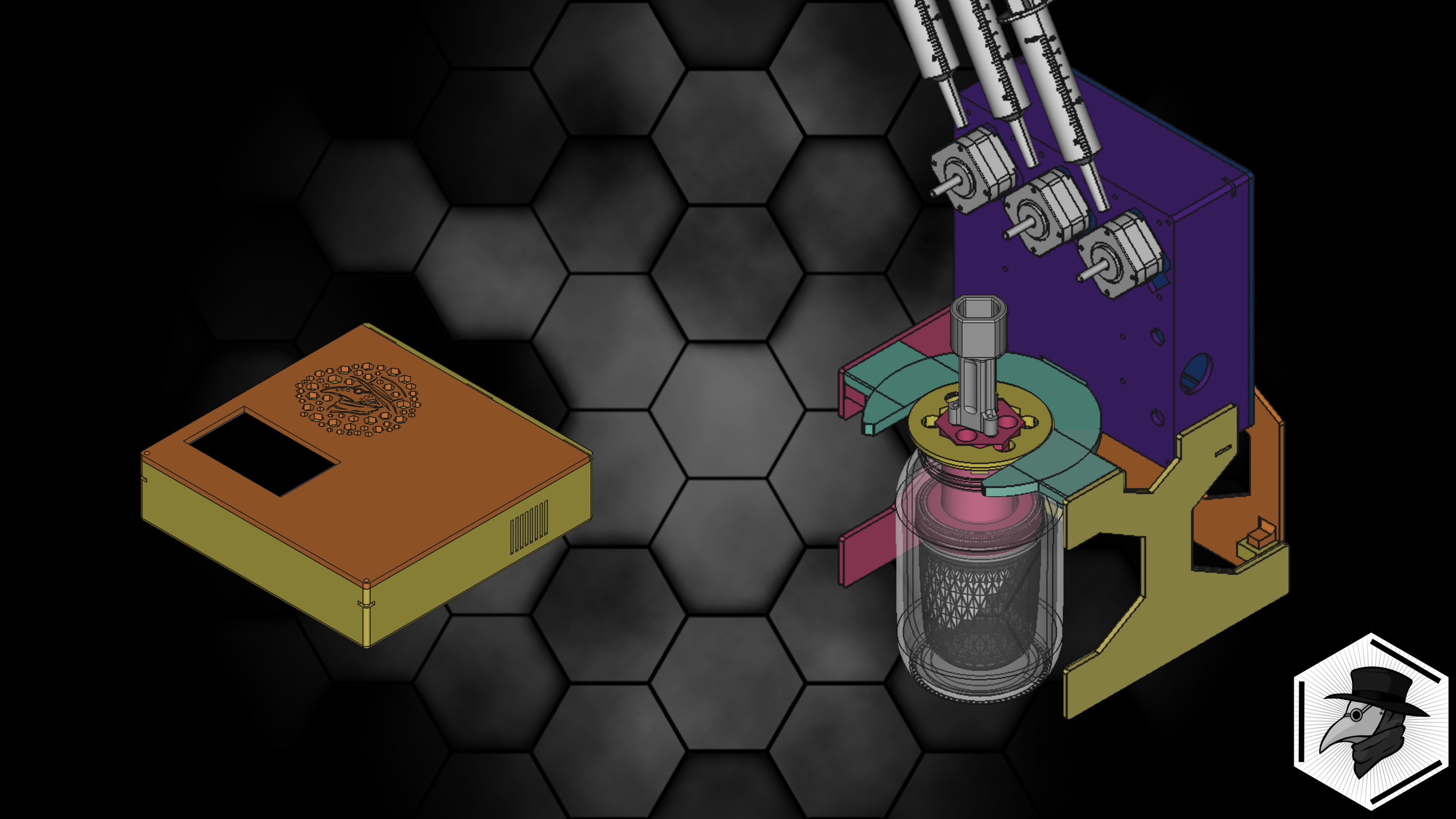


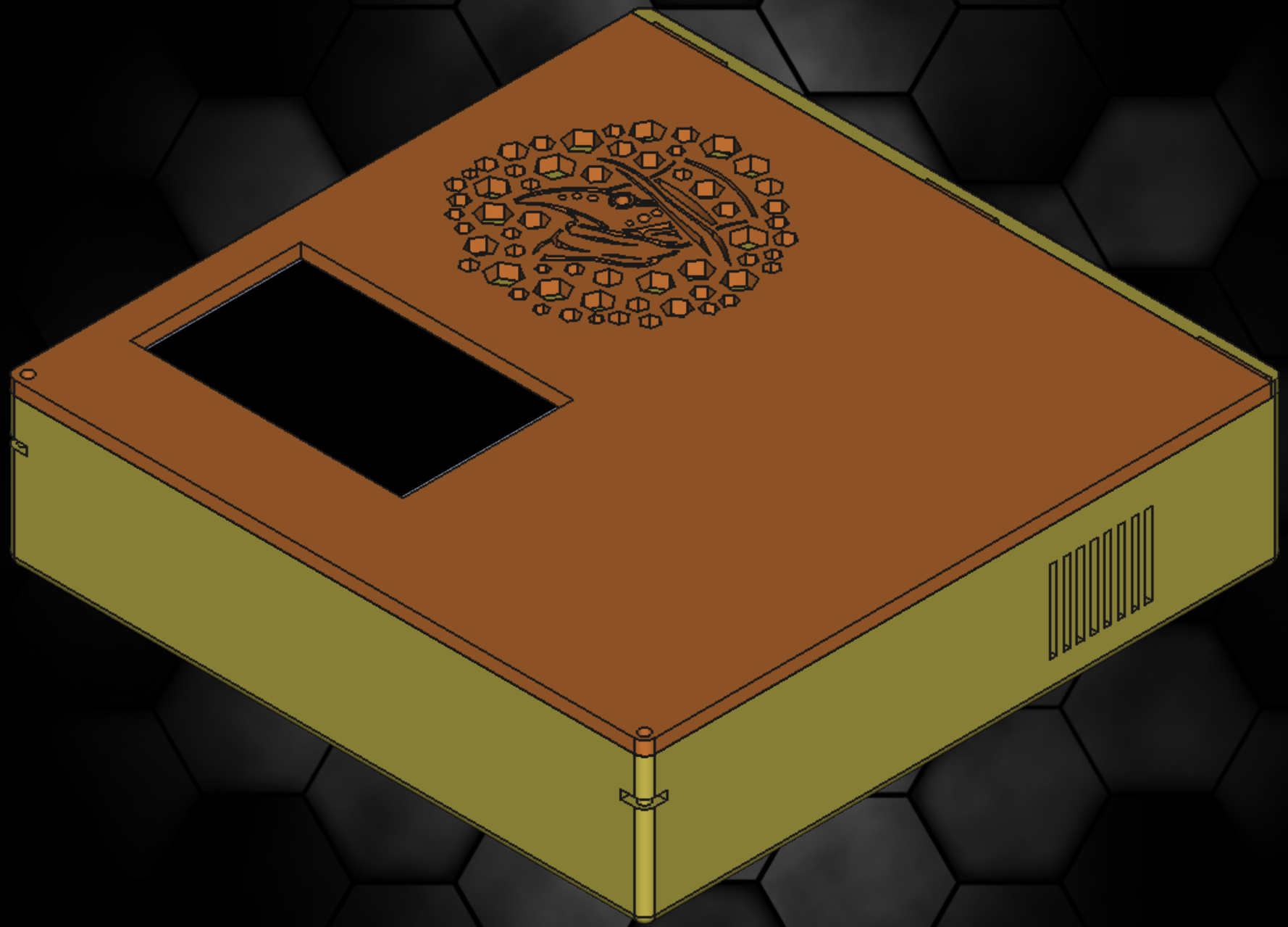


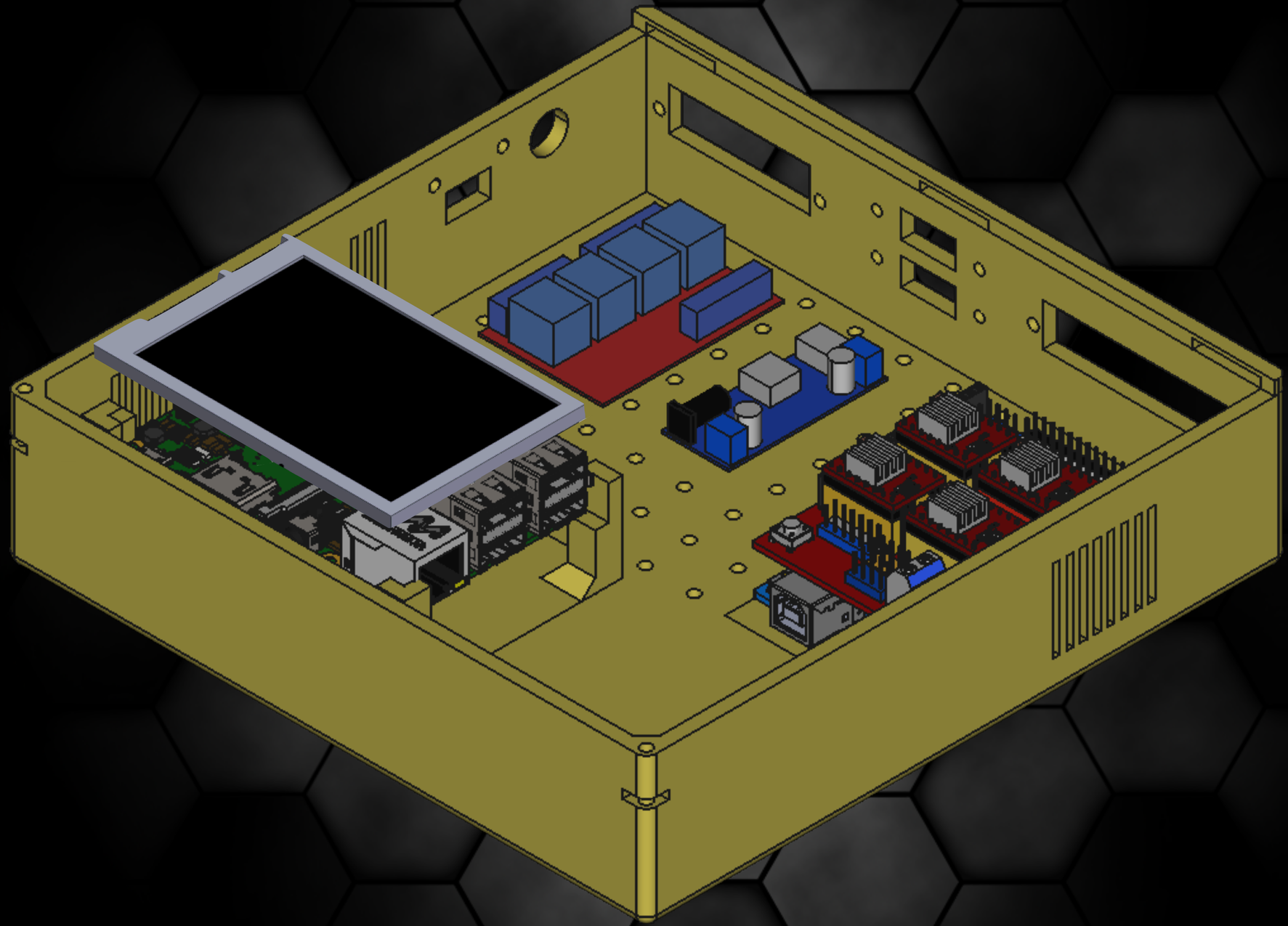


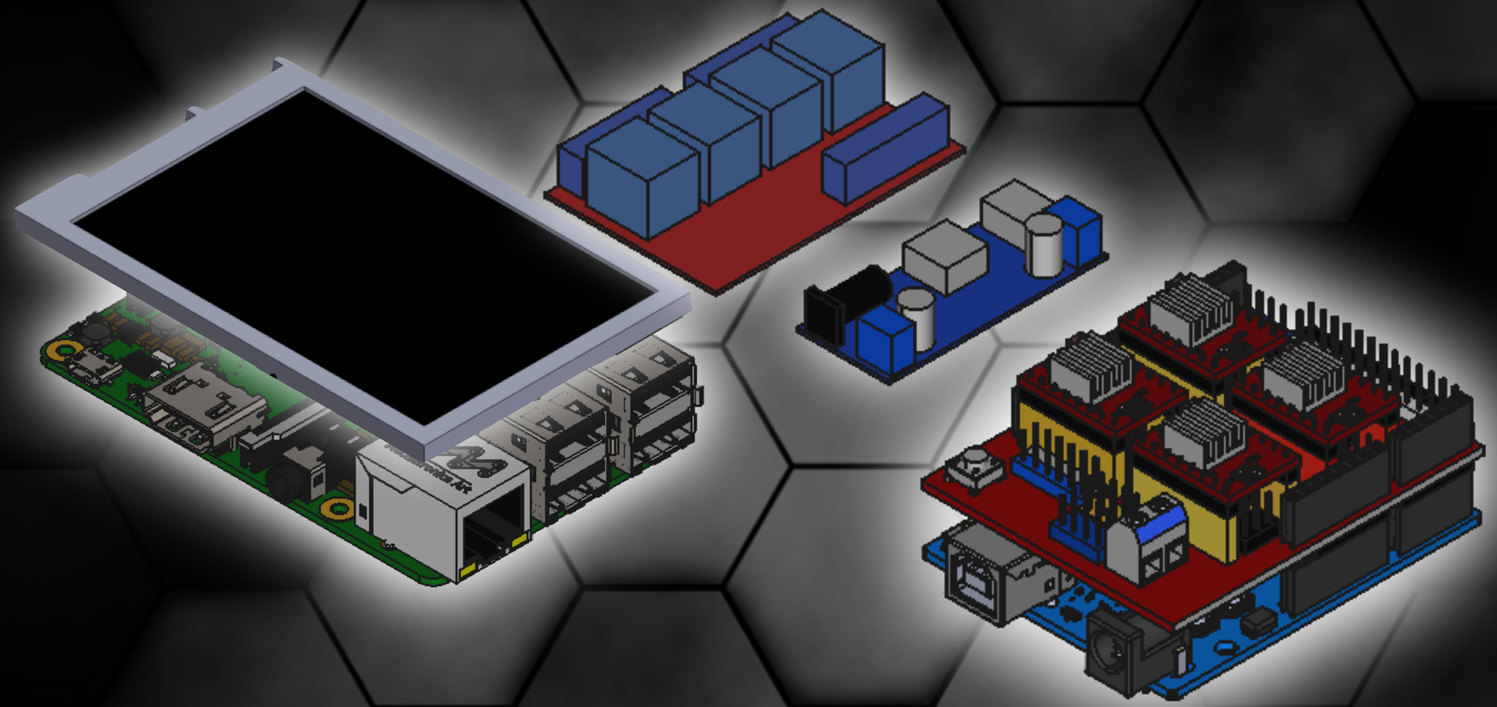


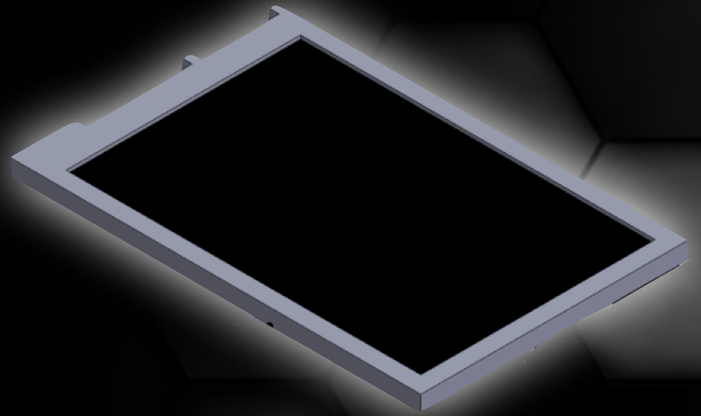

HACK

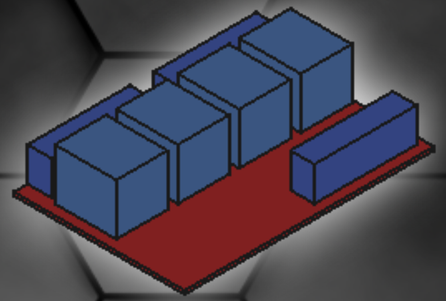


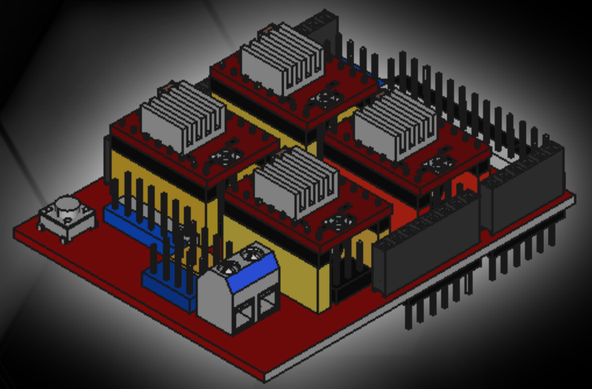


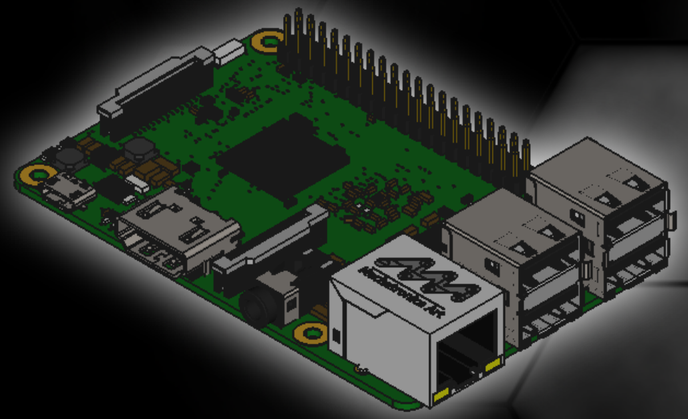


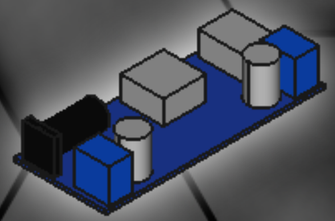


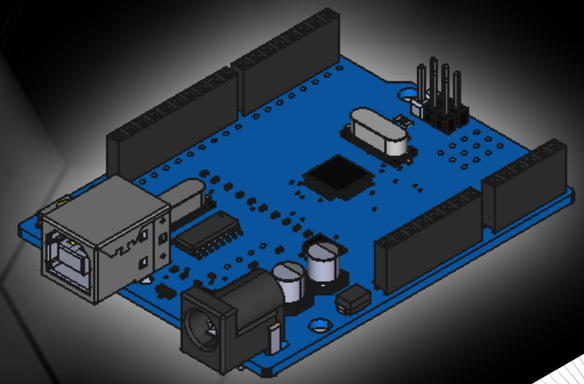




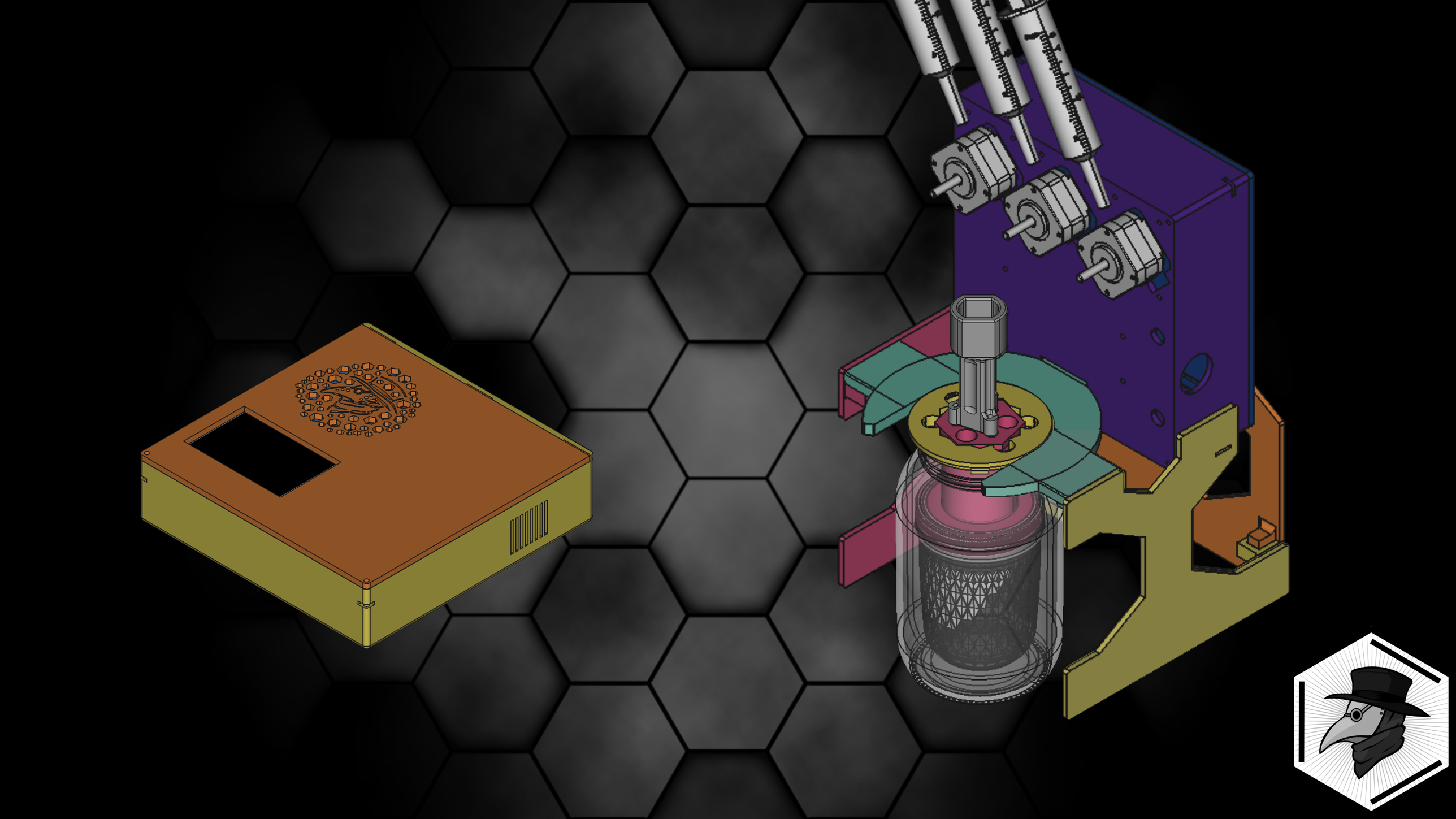


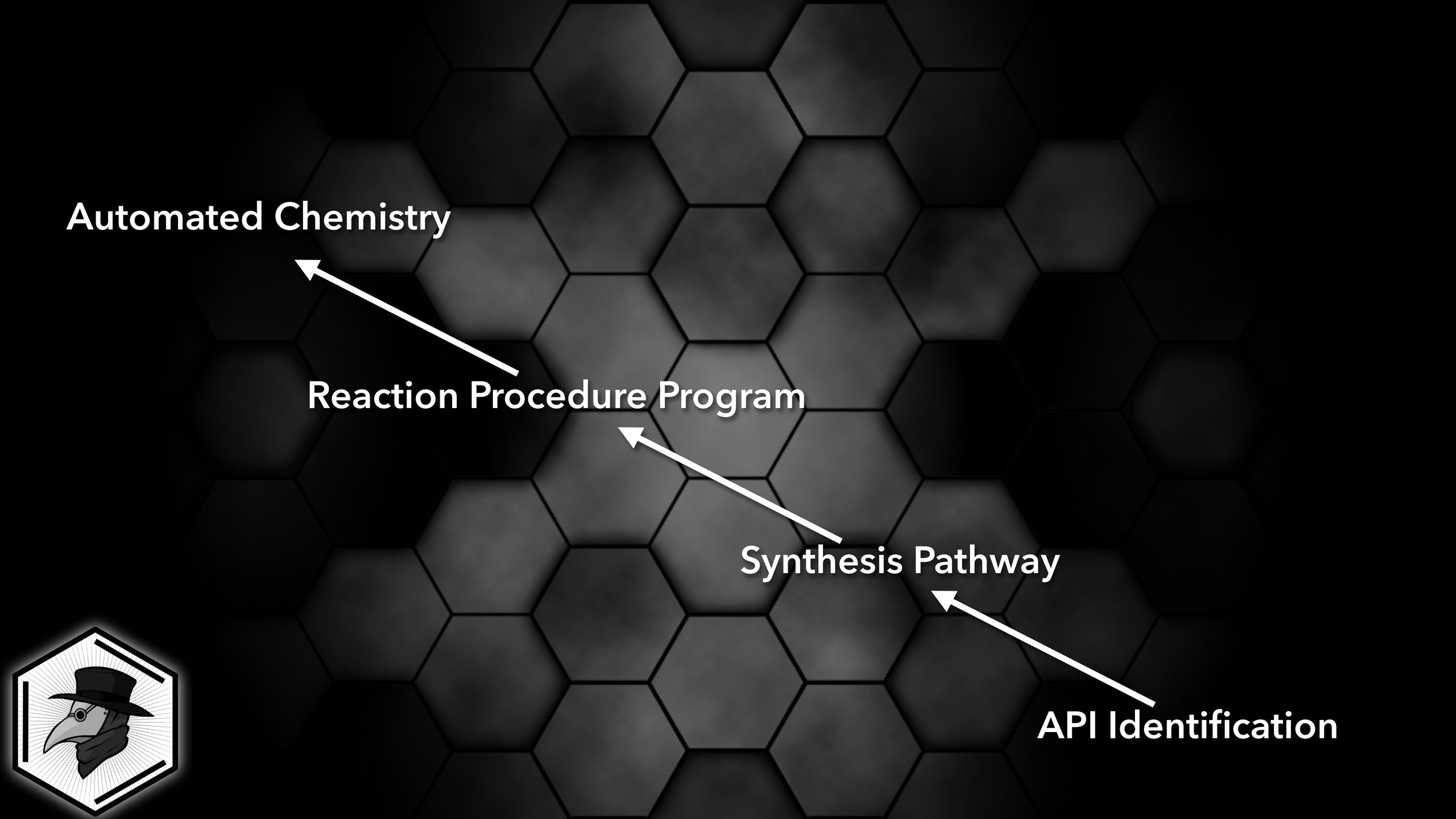











Automated Chemistry
Reaction Procedure Program
Synthesis Pathway
API Identification

Reactio rogram

RECIPE PRESS - OXY TO NA

Simulate | Download Recipe

New Step

0 1 2 3 4 5 6 7 8 9 10

Recip

0 **Put 3.41 grams of N-allyl-noroxycodone in the reaction chamber**

"Done"

1 Put 28.8 grams MeSOSH in the reaction chamber

"Done"

2 Put 2.24 grams methionine in syringe A

3

Step 0

essage

-noroxycodone in the

ete

otion 0:

ext ep: 1 X

otion +

escription

step that can be shown on the Microlab.

Select all pharmaceutical companies which have ***not*** settled for over 500 million US dollars for off-label promotion and/or kickbacks.
If there are none, click skip.

gsk AstraZeneca Bristol Myers Squibb

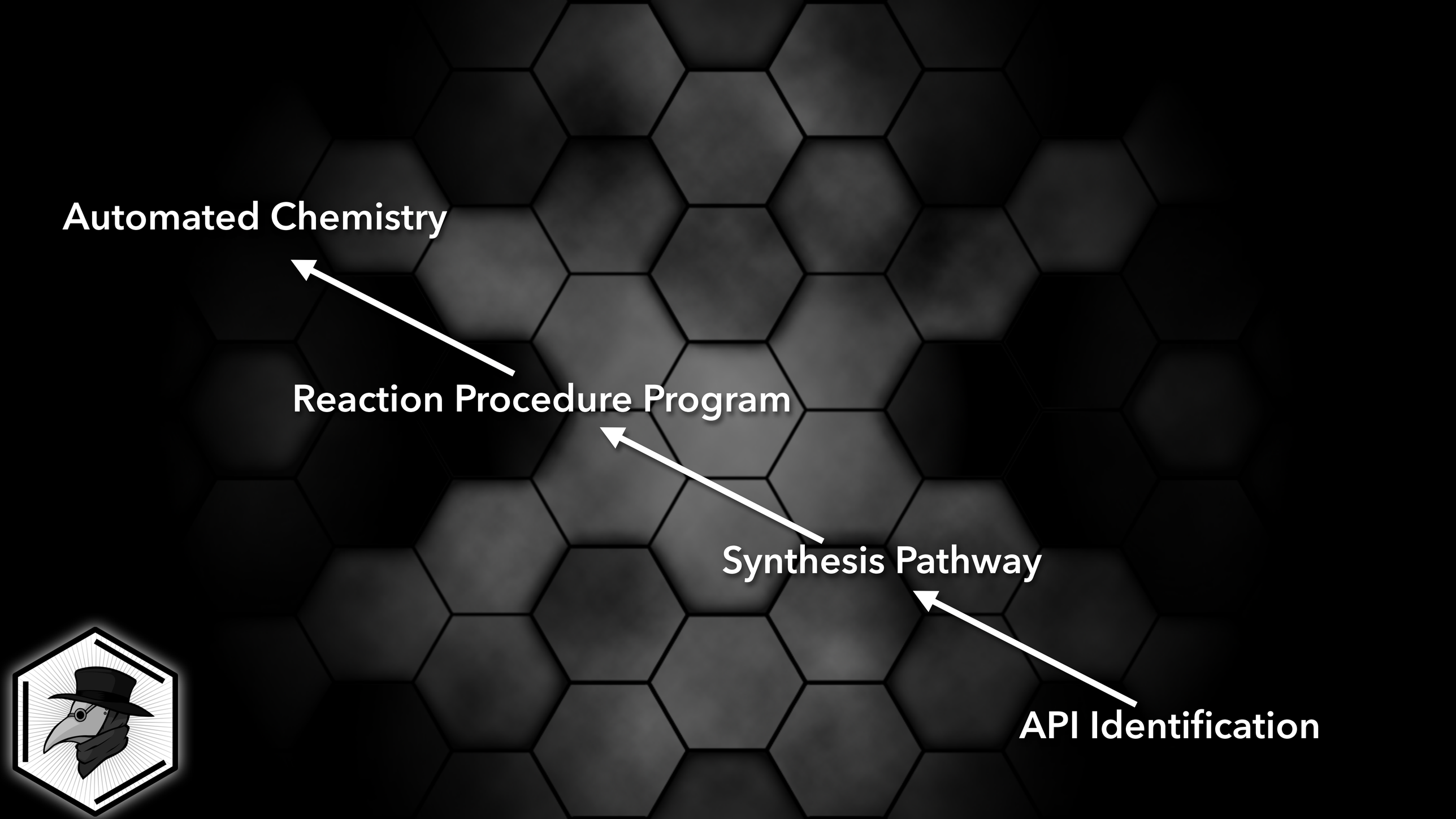
Lilly AMGEN Johnson & Johnson

Abbott MERCK Pfizer

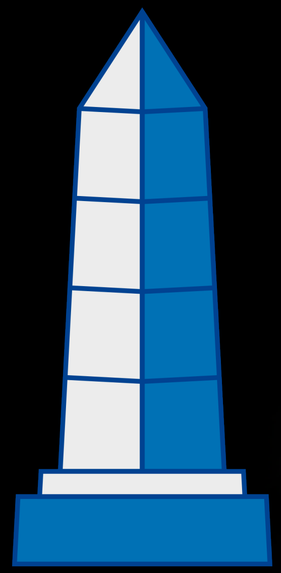
SKIP

Reaction Procedure Program




Automated Chemistry
Reaction Procedure Program
Synthesis Pathway
API Identification

Synthesis Pathway







WIKIPEDIA

Sofosbuvir

Article Talk

- C[C@@H](C(=O)OC(C)C)N[P@](=O)(OC[C@@H]1[C@H]([C@@]([C@@H](O1)N2C=CC(=O)NC2=O)(C)F)O)OC3=CC=CC=C3

Sofosbuvir, sold under the brand name **Sovaldi** among others, is a medication used to treat hepatitis C.[3] It is taken by mouth.[3][6]



Synthesis Pathway

Explore ChemHacktica

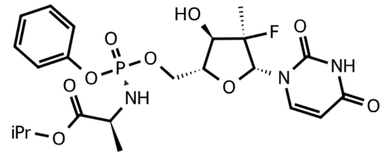
Enter a molecule or reaction SMILES to explore available tasks

Type here or draw structure...

OC(C)C)N[P@](=O)(OC[C@@H]1[C@H]([C@@]([C@@H](O1)N2C=CC(=O)NC2=O)(C)F)O)OC3=C

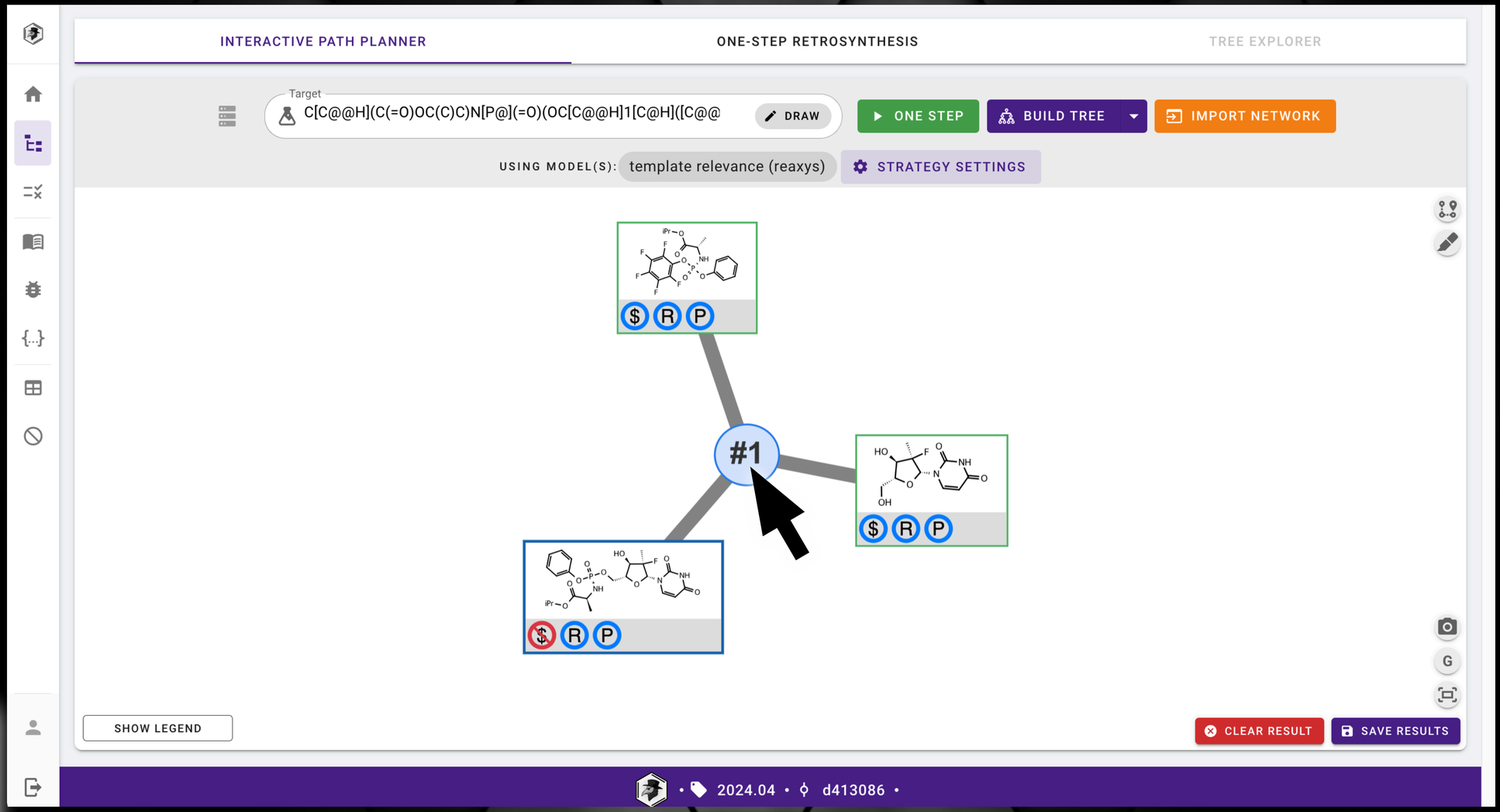
DRAW

PERFORM ONE-STEP

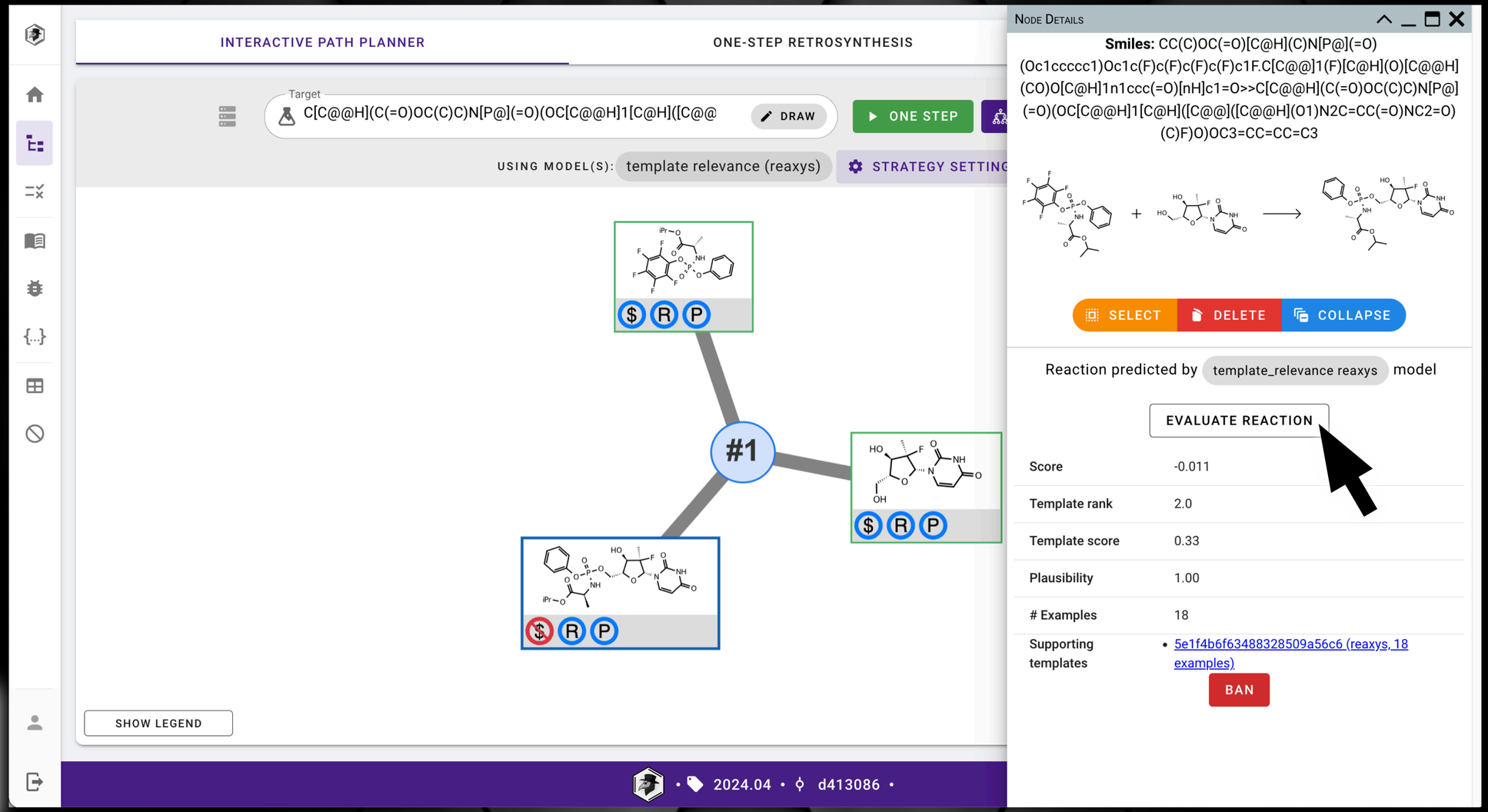


SCScore	Interactive Path Planner	Tree Builder
EVALUATE	PERFORM ONE-STEP	BUILD TREE
Predict Forward Synthesis	**Predict Impurities**	**Predict Aromatic Site Selectivity**
RUN TASK	RUN TASK	RUN TASK
Solvent Screen	**Buyables**	**QM Descriptor**
RUN TASK	SEARCH BUYABLES	RUN TASK

Synthesis Pathway



Synthesis Pathway

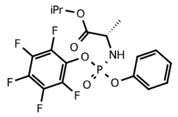


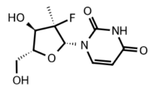
Synthesis Pathway

Reactants

CC(C)OC(=O)[C@H](C)N[P@](=O)(Oc1ccccc1)Oc1c(F)c(F)c(F)c(F)c1F.C[C@@]1(F)[C@H](O)[C@@H](CO)O[C@H]1n1ccc(=O)[nH]c1=O

DRAW

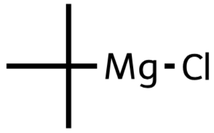




Reagents

CC(C)(C)[Mg]Cl

DRAW



Solvent

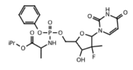
C1CCOC1.C1CCOC1

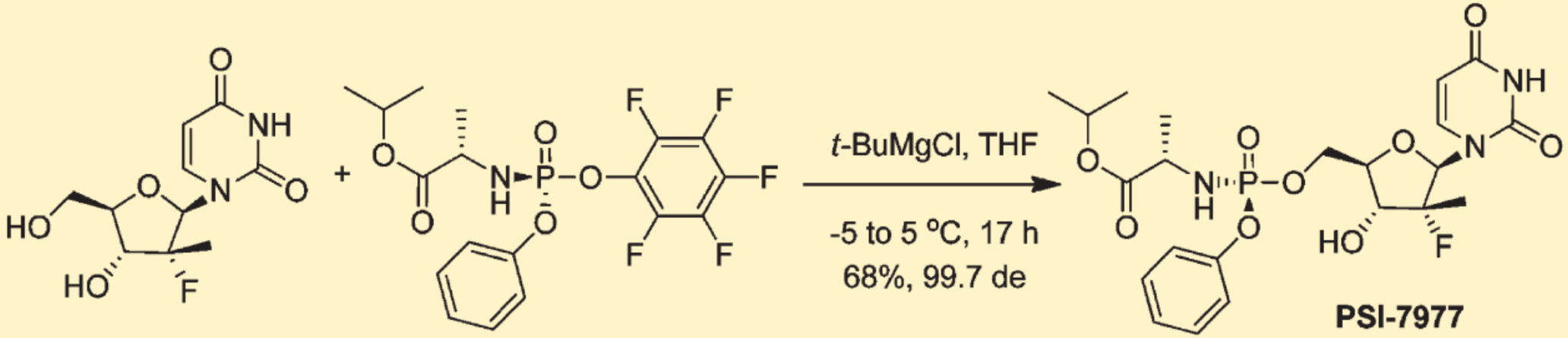
DRAW

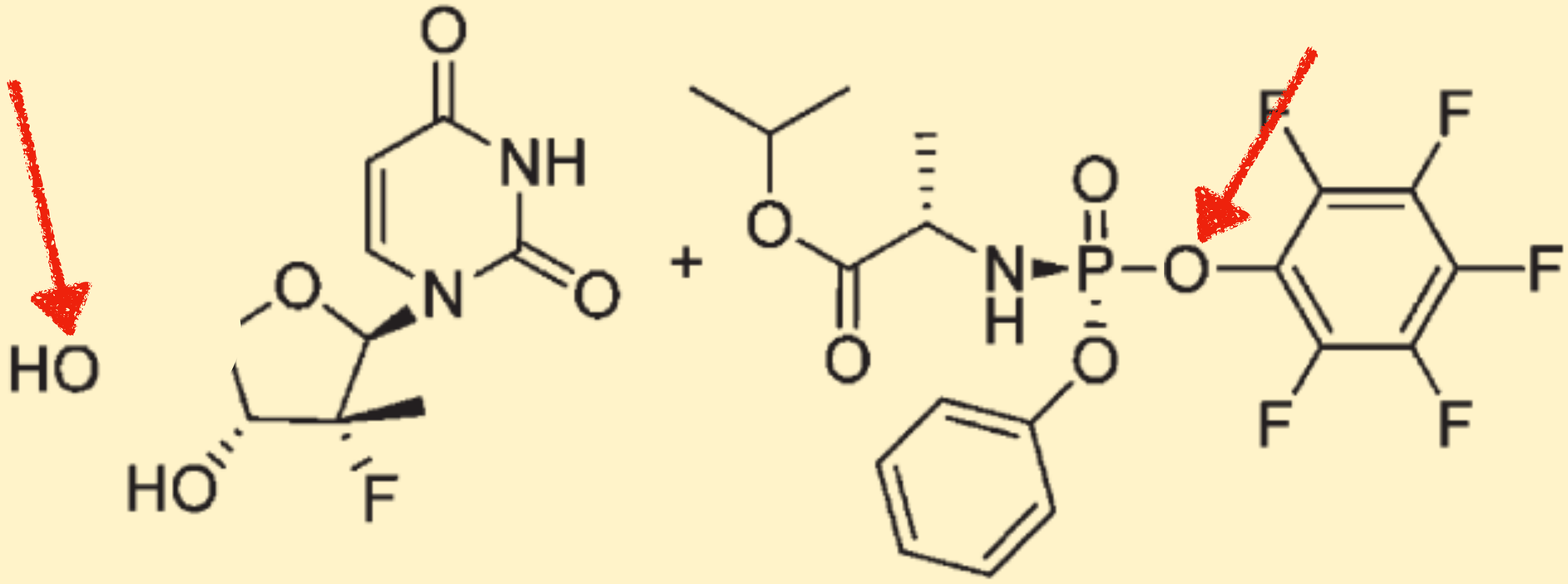


GET RESULTS | SETTINGS | CLEAR RESULTS

EXPORT

Rank	Product	Probability	Max. Score	Molecular Weight	Predict impurities	Predict regio-selectivities
1		0.9100	-38.737	529.2	→	→


t-BuMgCl, THF
-5 to 5 °C, 17 h
68%, 99.7 de
PSI-7977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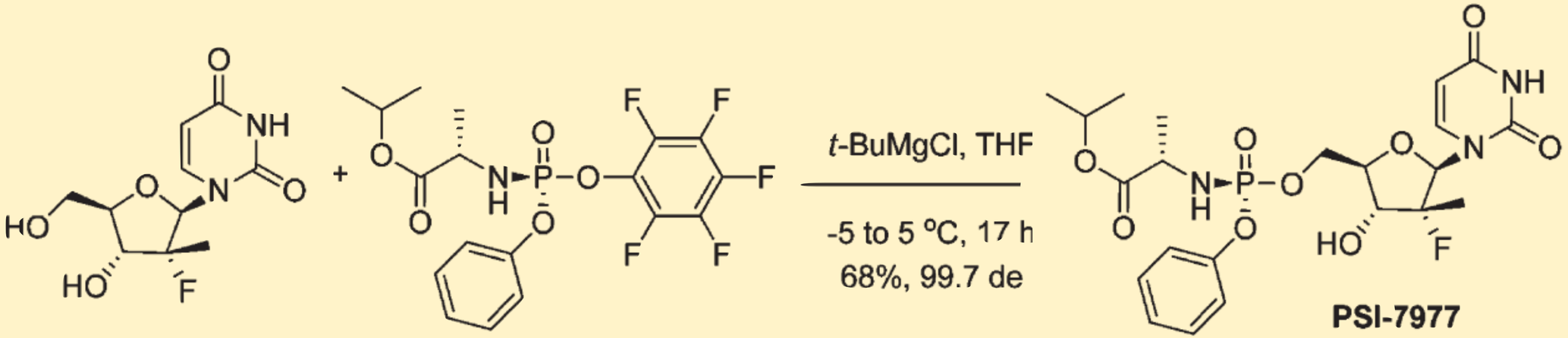

t-BuMgCl, THF
-5 to 5 °C, 17 h
68%, 99.7 de
PSI-7977

Isn’t this illegal?

Yeah. Grow up.



Oppression

Resource Control

Information Control

Information Commodification

Shrouding of Concepts



Sap Consily. vz.
p Marcus Coz mil'
p Ludouicus Fuscar doctor
p paulus ayanzocus
p Zuanzony Justy mil'
p Vital' lando doct' q mil'.

Sap tre firme.
p Antoni' de priolis
p Lodouicus Foscharo
p Zachar Barbaro mil'
p Endricus Trimisano.

EL Sono in questa Cita / et anche ala zornada / p la grandeza et bonta soa
Concorre homeni da diuerse bande / et acutissimi ingegni / apti ad excogitar
et trouar varij ingegnosi artificij. Et sel fosse prouisto / che le opere et artificij
trouade da loro. altri viste che le hanessemo / no podessemo farle / se tuor honor
suo / Simel homeni exercitaziano lingegno / trouezziano / et faziano & le chosse /
che saziano de no picola vtilita et beneficio al stado nro. Pero L andara parte
Che p auctorita de questo Cons / chadaun che faza in questa Cita algun ritrouo
et ingegnoso artificio / no facto palesi nel Dnio nro / Reducto chel sara a
pfection / Siche el se possi vsar / et exercitar / sia tegnudo darlo in nota al officio
di nri Prouedezi de Comun. Siando prohibito a chadaun altro in algun terra
e luogo nro / far algun altro artificio / ad imagine et similitudine & quello / senza
consentimento et licentia del auctor / fino ad ani. x. Et tamen se algun el fesse /
L auctor et inventor predicto / habia liberta podello citar achadaun officio de
questa Cita / dalqual officio el dicto / che hanesse contrafacto / sia astreto apagarli
duc. Cento / et l artificio / subito sia desfacto. Siando po in liberta de la nra Signor /
ad ogni suo piaxer / tuor et vsar nel suo bisogni chadaun di dicti artificij / et
instrumenti / Cum questa po condition / che altri cha l auctori no li possi exercitar.

de parte ——— 116
de non ——— 10
non sinc ——— 3



"...That would be dirt cheap, if it weren't run by a bunch of profiteering gluttons!"

Sovaldi is $1,000 per 400mg pill
And $84,000 for a full course of treatment.

But you can make your own for $70 for the whole course.



AS PLEASED AS WE ARE WITH OUR WORK, THIS REALLY ISN'T THE BIG DEAL

Knowledge Emancipation, and the Emancipation of Intellectual Property



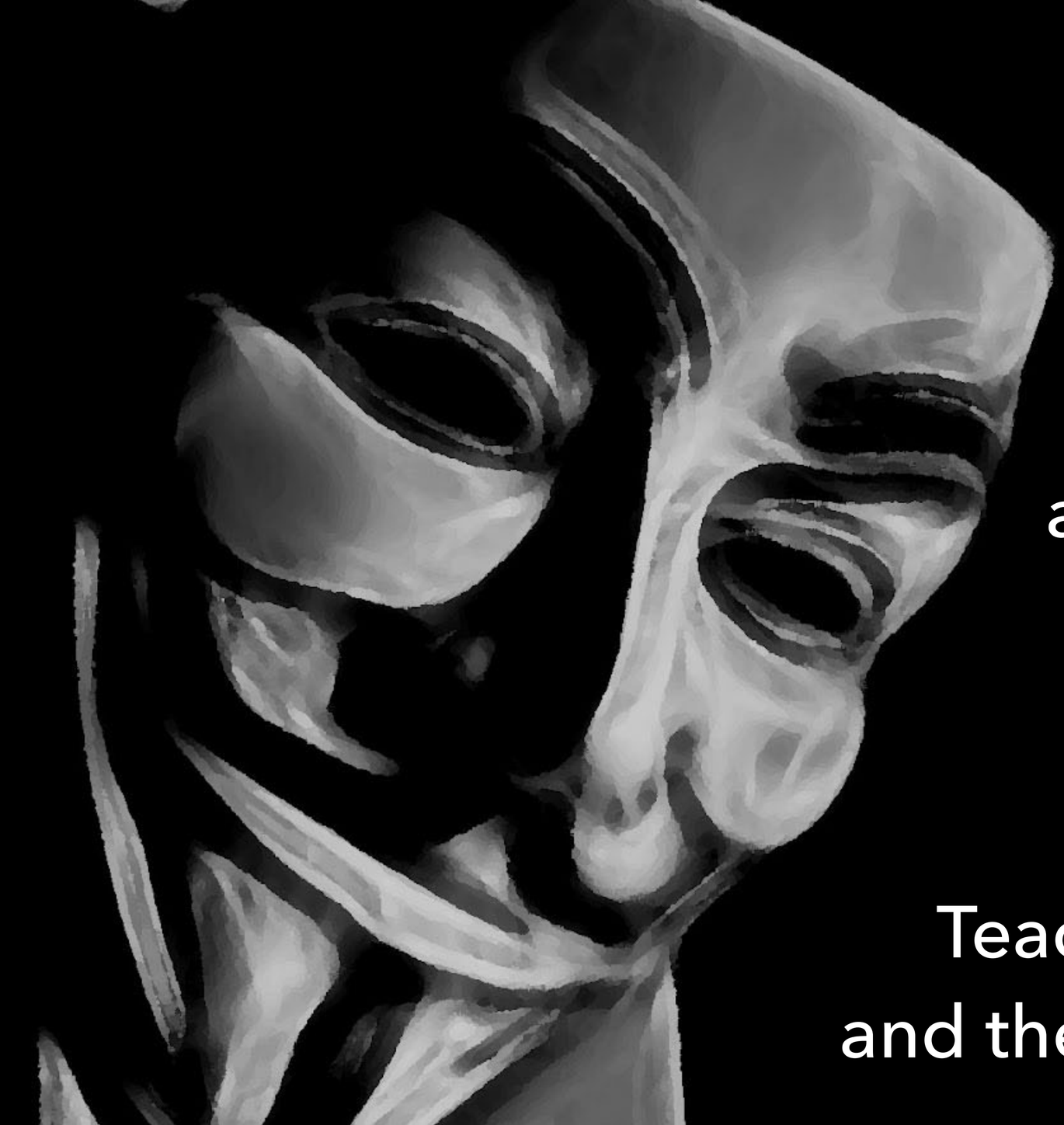
Taxation is robbery, based on monopoly of weapons.

Rent is the daughter of taxation, the taxation of land by private groups, based on monopoly of land.

Interest is the son of rent, the rent of money, based on monopoly of coinage.

— R. A. Wilson





Give someone a truth,
and they will think for a day.

Teach someone to reason,
and they will think for a lifetime.

FROM MY COLD, DEAD HANDS



COME AND TAKE IT

PALE BLUE DOT

IT IS UP TO US

