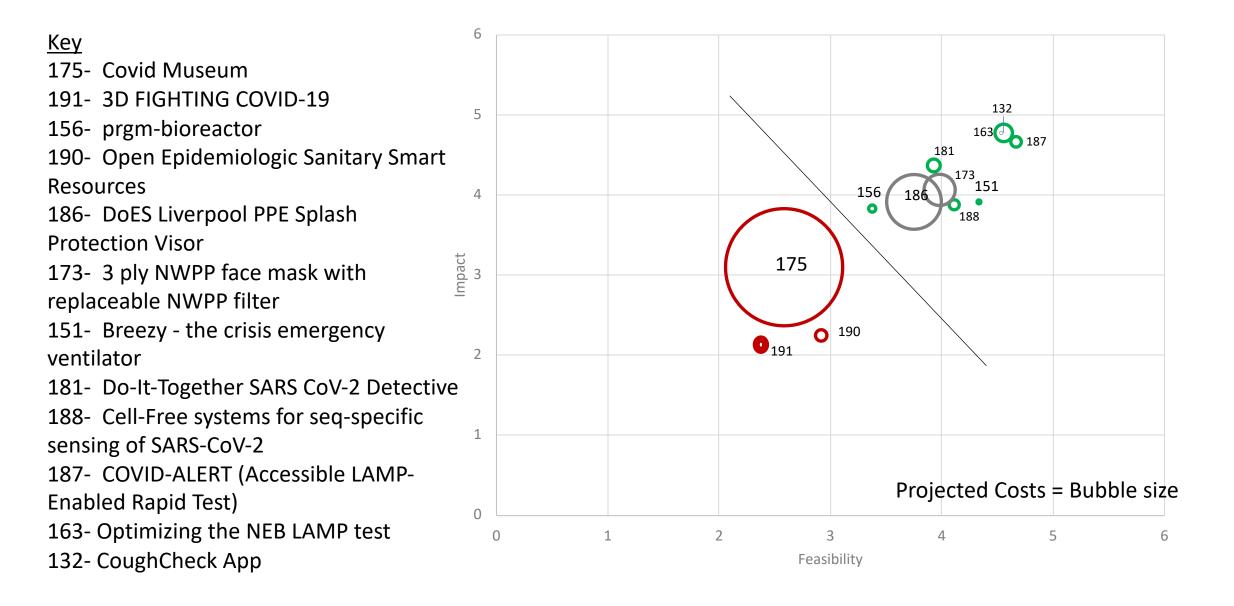# Grant Review Summary Round 1

Summary of Project Scores and Funding allocation by JOGL

Project Title	Project No.	Feasibility Mean	Impact Mean	Average Review Score	Budget Total (Euros)	Funding Request	Budget Rank/Score
Optimising NEB Lamp test	163	4.555555556	4.777777778	4.666666667	6000	6000	1.333333333
COVID ALERT Lamp Cartridge	187	4.666666667	4.666666667	4.666666667	2656	2656	1.833333333
CoughCheck App	132	4.533333333	4.777777778	4.655555556	242	242	5
Do it together COVID detective	181	3.927619048	4.371428571	4.14952381	3600	3600	1.125
Breezy Crisis ventilator	151	4.333333333	3.916666667	4.125	711	711	2.666666667
3PLY Facemask	173	3.98	4.066666667	4.023333333	16396	3000	0.7
Cell Free COVID detective	188	4.111111111	3.880952381	3.996031746	2488	2488	1.2
Liverpool Splash PPE	186	3.75	3.916666667	3.833333333	46440	3000	0.454545455
BioReactor	156	3.375	3.833333333	3.604166667	1500	1500	1
COVID museum	175	2.583333333	3.101190476	2.842261905	200000	3000	0.25
3D Fighting COVID	191	2.916666667	2.25	2.583333333	3000	3000	0.285714286
Open Epidemiological Sanitary	190	2.083333333	3.011904762	2.547619048	3000	3000	0

Congratulations to the projects that are not greyed out above! JOGL will fund your grant requests!!

Due to the high caliber of projects proposed this round, it was necessary to **exclude projects with a proposal review score of below 3.5 from funding.**
Projects that are manufacturing based and not "**New**" were not eligible for funding as JOGL aims to push innovation, and these projects may find more suitable funding elsewhere, however we encourage you to continue collaborating with the community to achieve that.
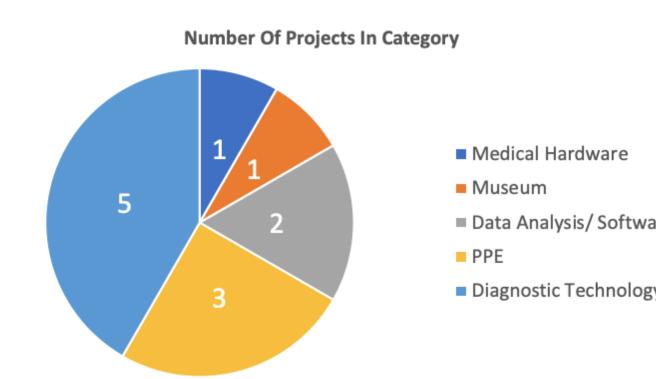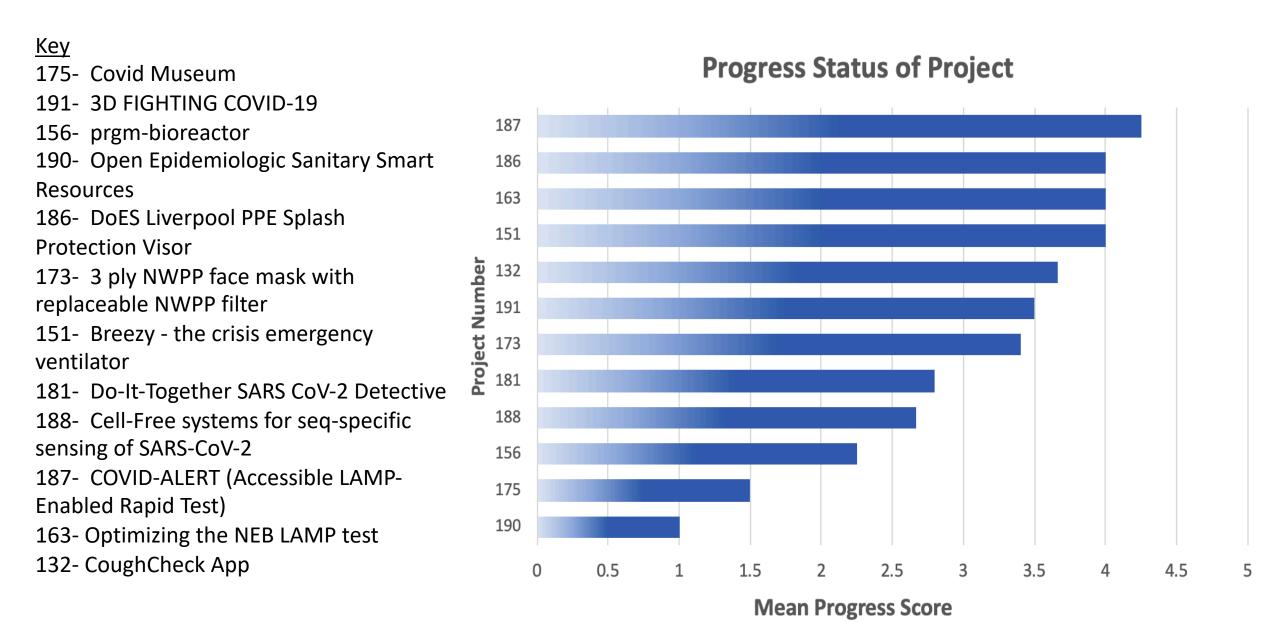
Key

175- Covid Museum

191- 3D FIGHTING COVID-19

156- prgm-bioreactor

190- Open Epidemiologic Sanitary Smart Resources

186- DoES Liverpool PPE Splash Protection Visor

173- 3 ply NWPP face mask with replaceable NWPP filter

151- Breezy - the crisis emergency ventilator

181- Do-It-Together SARS CoV-2 Detective

188- Cell-Free systems for seq-specific sensing of SARS-CoV-2

187- COVID-ALERT (Accessible LAMP-Enabled Rapid Test)

163- Optimizing the NEB LAMP test

132- CoughCheck App

Projected Costs = Bubble size

Round 1 Summary

- 12 Projects submitted

- 10 Hardware/Software and 2 Data Analysis

- 41 reviews

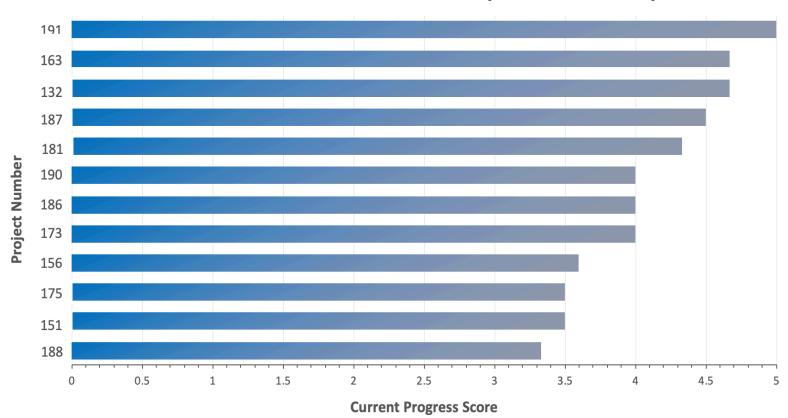- Mostly very high quality projects!

Number Of Projects In Category

Legend:
- Medical Hardware
- Museum
- Data Analysis/ Softwa[re]
- PPE
- Diagnostic Technology

Rating of the Project's Current Progress

Key
175- Covid Museum
191- 3D FIGHTING COVID-19
156- prgm-bioreactor
190- Open Epidemiologic Sanitary Smart Resources
186- DoES Liverpool PPE Splash Protection Visor
173- 3 ply NWPP face mask with replaceable NWPP filter
151- Breezy - the crisis emergency ventilator
181- Do-It-Together SARS CoV-2 Detective
188- Cell-Free systems for seq-specific sensing of SARS-CoV-2
187- COVID-ALERT (Accessible LAMP-Enabled Rapid Test)
163- Optimizing the NEB LAMP test
132- CoughCheck App

Progress Status of Project

Chance of Successful Completion Within 3 Months

Key
175- Covid Museum
191- 3D FIGHTING COVID-19
156- prgm-bioreactor
190- Open Epidemiologic Sanitary Smart Resources
186- DoES Liverpool PPE Splash Protection Visor
173- 3 ply NWPP face mask with replaceable NWPP filter
151- Breezy - the crisis emergency ventilator
181- Do-It-Together SARS CoV-2 Detective
188- Cell-Free systems for seq-specific sensing of SARS-CoV-2
187- COVID-ALERT (Accessible LAMP-Enabled Rapid Test)
163- Optimizing the NEB LAMP test
132- CoughCheck App

CURRENT PROJECT PROGRESS (AS REVIEWED)

Project Design Quality

Key

175- Covid Museum

191- 3D FIGHTING COVID-19

156- prgm-bioreactor

190- Open Epidemiologic Sanitary Smart
Resources

186- DoES Liverpool PPE Splash
Protection Visor

173- 3 ply NWPP face mask with
replaceable NWPP filter

151- Breezy - the crisis emergency
ventilator

181- Do-It-Together SARS CoV-2 Detective

188- Cell-Free systems for seq-specific
sensing of SARS-CoV-2

187- COVID-ALERT (Accessible LAMP-
Enabled Rapid Test)
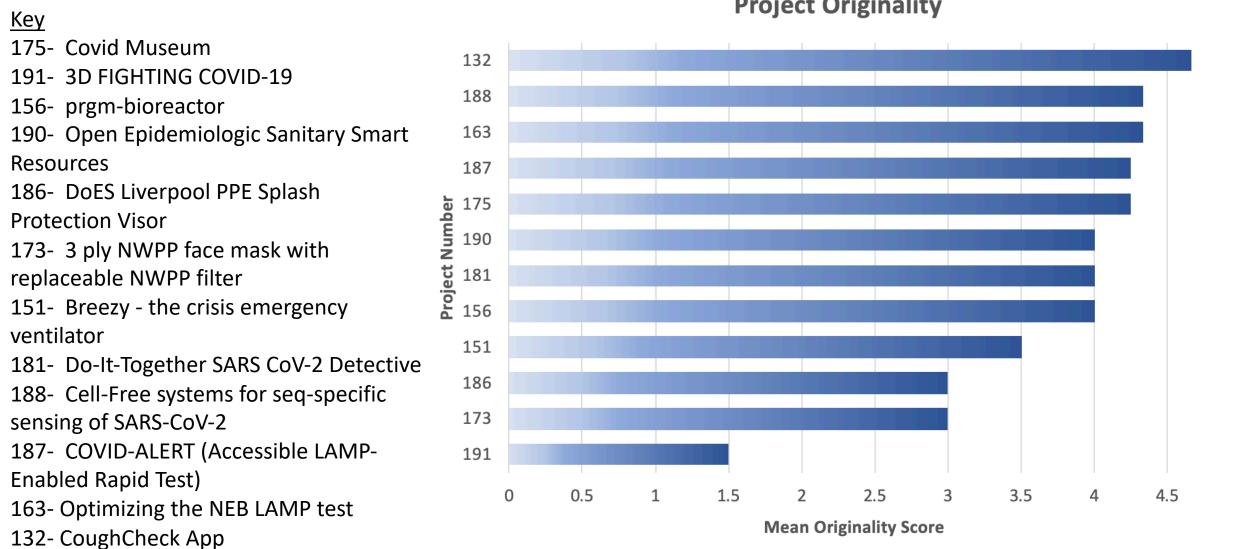
163- Optimizing the NEB LAMP test

132- CoughCheck App

Project Clarity

Key
175- Covid Museum
191- 3D FIGHTING COVID-19
156- prgm-bioreactor
190- Open Epidemiologic Sanitary Smart Resources
186- DoES Liverpool PPE Splash Protection Visor
173- 3 ply NWPP face mask with replaceable NWPP filter
151- Breezy - the crisis emergency ventilator
181- Do-It-Together SARS CoV-2 Detective
188- Cell-Free systems for seq-specific sensing of SARS-CoV-2
187- COVID-ALERT (Accessible LAMP-Enabled Rapid Test)
163- Optimizing the NEB LAMP test
132- CoughCheck App

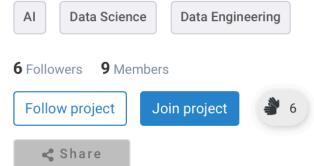# Open Epidemiologic Sanitary Smart Resources (Madrid)

#OESSR

Can we predict the virus spread for prospective stages of confinement? Indicators to mitigate the virus super spreading after quarantine.

by Rodrigo Hernandez, Francisco Javier Quero Lombardero

Participating to challenge: Data analysis and simulation

11 SUSTAINABLE CITIES AND COMMUNITIES

| AI | Data Science | Data Engineering |

6 Followers **9** Members

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Share

Project Title	Project No.	Feasibility Mean	Impact Mean	Average Revie	Budget (Eur	Allocated Funding Amt
Open Epidemiological Sanitary	190	2.083333333	3.011904762	2.547619048	0	0

3D FIGHTING COVID-19

#3DFC19

production de materiel de protection pour soignants et autres
personnes exposées

by Olivier NEUVILLE

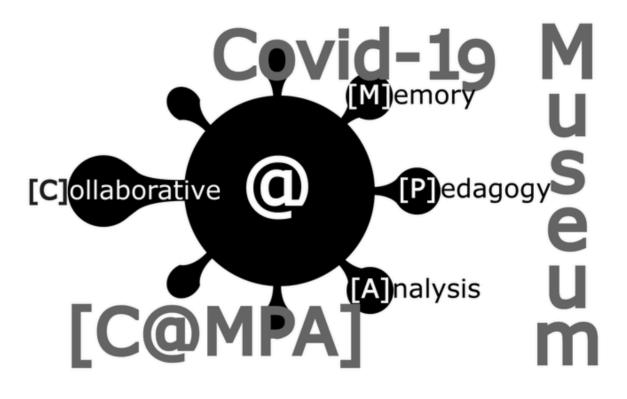**Sourcing Materials**

0 Follower   **1** Member

Follow project   Join project   👏 0

⤳ Share

Project Title	Project No.	Feasibility Mean	Impact Mean	Average Revie	Budget (Eur	Allocated Funding Amt
3D Fighting COVID	191	2.916666667	2.25	2.583333333	3000	3000

Covid-19 Museum

Collaborative electronic museum to gather and protect iconographic, media, literary, scientific traces for memory, pedagogy and research

by Yves Rozenholc

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	17 PARTNERSHIPS FOR THE GOALS

Participative   Social Sciences

Big Data, Data Science, devOps, Web Dev

Interdisciplinary Collaboration

4 Followers   **1** Member

Follow project   Join project   👏 2

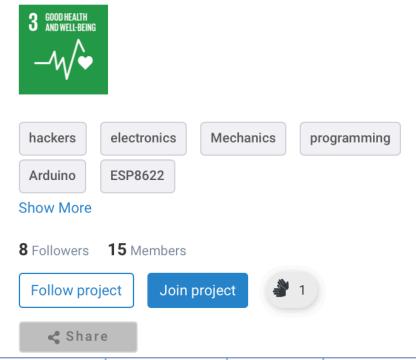| Project Title	Project No.	Feasibility Mean	Impact Mean	Average Revie	Budget (Eur	Allocated Funding Amt
COVID museum	175	2.583333333	3.101190476	2.842261905	200,000	3000

prgm-bioreactor

#prgmbioreactor

Fighting viruses require expensive reagents. For cheap and quality reagents you need a bioreactor, a controlled environment growth chamber.

by adrian Molecule

3 GOOD HEALTH AND WELL-BEING

| hackers | electronics | Mechanics | programming |

| Arduino | ESP8622 |

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8 Followers   **15** Members

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Project Title	Project No.	Feasibility Mean	Impact Mean	Average Revie	Budget (Eur	Allocated Funding Amt
BioReactor	156	3.375	3.833333333	3.604166667	1500	1500

Comments on team: Adrian reviewed other projects, and seems a highly motivated character.

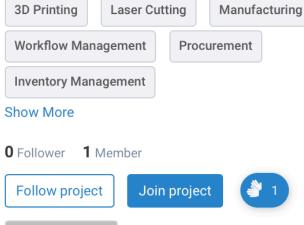# DoES Liverpool PPE Splash Protection Visor

#DoESLiverpoolPPE

We have 3D Printable and Laser Cuttable PPE Visor designs which have been approved and ordered by NHS Trusts. We are manufacturing these now
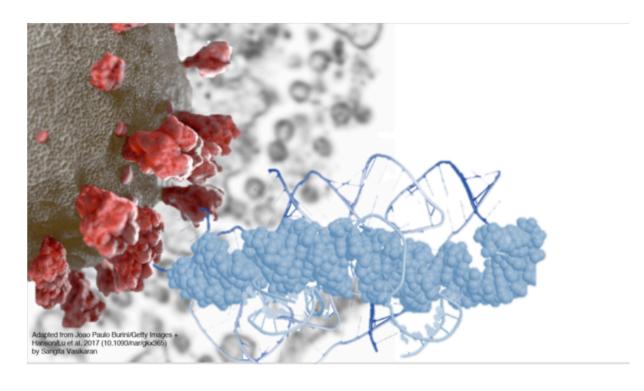
by Alex Lennon

3D Printing   Laser Cutting   Manufacturing

Workflow Management   Procurement

Inventory Management

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0 Follower   **1** Member

| Follow project | Join project | 👏 1 |

🔗 Share

Project Title	Project No.	Feasibility Mean	Impact Mean	Average Revie	Budget (Eur	Allocated Funding Amt
Liverpool Splash PPE	186	3.75	3.916666667	3.833333333	46,440	3000

Cell-Free systems for seq-specific sensing of SARS-CoV-2

Adapted from Joao Paulo Burini/Getty Images +
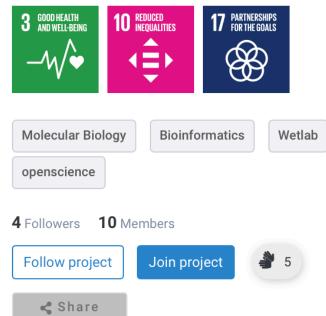Hanson/Lu et al. 2017 (10.1093/nar/gkx365)
by Sangita Vasikaran

#CellFreeSensors

Designing sequence-specific SARS-CoV-2 RNA sensors using cell-free technologies

by Fernan Federici, Francisco Javier Quero Lombardero, Anibal Arce, Vesta Korniakova

Participating to challenge: Covid19 Diagnostic and Detection

Molecular Biology   Bioinformatics   Wetlab

openscience

4 Followers   **10** Members

Follow project   Join project   ✋ 5

Share

Project Title	Project No.	Feasibility Mean	Impact Mean	Average Review Score	Budget Total (Euros)	Funding Request	Budget Rank/Score
Cell Free COVID detective	188	4.111111111	3.880952381	3.996031746	2488	2488	1.2

3 ply NWPP face mask with replaceable NWPP filter

#3plyNWPPmask

An easy to make no-sew 3 ply 80g NWPP (non woven polypropylene) face mask that can be made from reusable grocery bag & other household items

by Angela Peebles
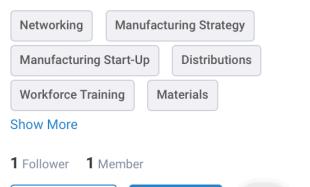
Participating to challenge: Covid19 Prevention

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Networking   Manufacturing Strategy

Manufacturing Start-Up   Distributions

Workforce Training   Materials

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1 Follower   **1** Member

Follow project   Join project   0

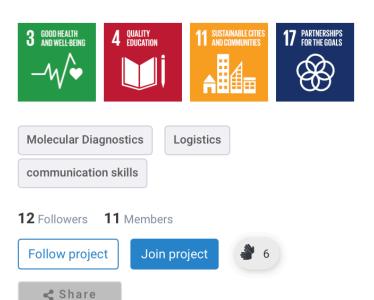| Project Title	Project No.	Feasibility Mean	Impact Mean	Average Revie	Budget (Eur	Allocated Funding Amt
3PLY Facemask	173	3.98	4.066666667	4.023333333	16,396	3000

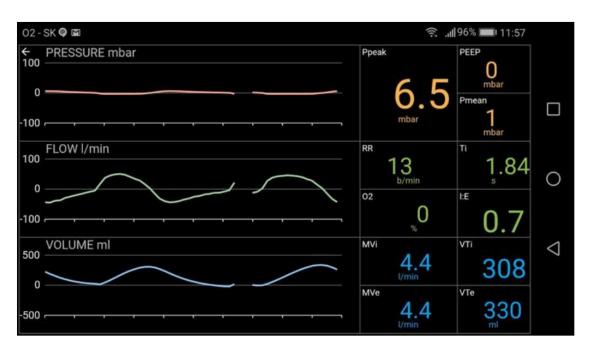# Do-It-Together SARS CoV-2 Detective

#CoronaDetective

A project to develop an open-source detection method for SARS CoV-2, analogous to the GMO Detective.

by Francisco Javier Quero Lombardero, Guy Aidelberg, Rachel Aronoff

Participating to challenge: Covid19 Diagnostic and Detection

Molecular Diagnostics   Logistics

communication skills

12 Followers   **11** Members

Follow project   Join project   👏 6

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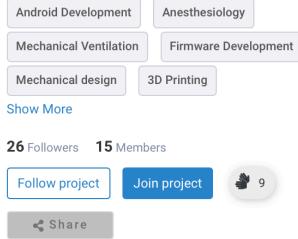| Project Title	Project No.	Feasibility Mean	Impact Mean	Average Review Score	Budget Total (Euros)	Funding Request	Budget Rank/Score
Do it together COVID detective	181	3.927619048	4.371428571	4.14952381	3600	3600	1.125

Breezy - the crisis emergency ventilator

#Breezy

To design a low-cost, simple, easy-to-use lung ventilator. Includes Android app to provide on-line graphic output of actual flow &pressure.
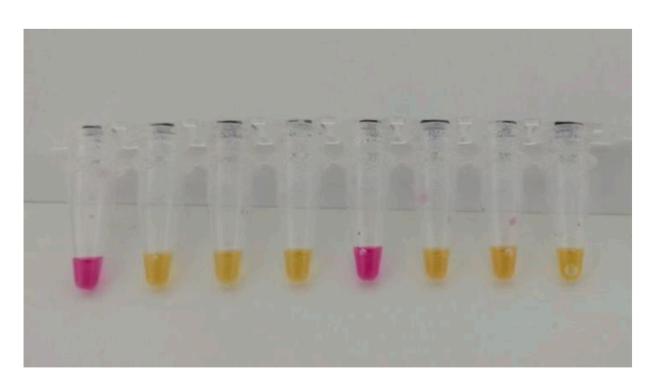
by Adam Krovina

3 GOOD HEALTH AND WELL-BEING

Android Development   Anesthesiology

Mechanical Ventilation   Firmware Development

Mechanical design   3D Printing

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26 Followers   **15** Members

Follow project   Join project   👏 9

Share

Project Title	Project No.	Feasibility Mean	Impact Mean	Average Revie	Budget (Eur	Allocated Funding Amt
Breezy Crisis ventilator	151	4.333333333	3.916666667	4.125	711	711

Optimizing the NEB LAMP test

NEB recently published a preprint of a new test protocol that requires very little equipment. Can it be optimized and work across many labs?

by Ellen Jorgensen

Participating to challenge: Covid19 Diagnostic and Detection

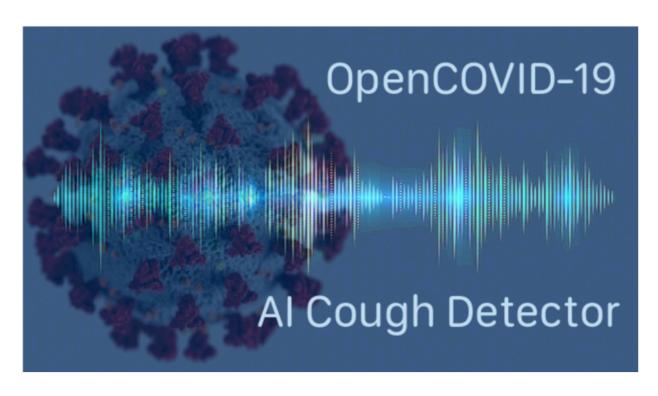| Open science | Molecular biology | DIYbio |

5 Followers **16** Members

Follow project | Join project | 👏 3

Share

Project Title	Project No.	Feasibility Mean	Impact Mean	Average Revie	Budget (Eur	Allocated Funding Amt
Optimising NEB Lamp test	163	4.555555556	4.777777778	4.666666667	2992.12*2	3000

CoughCheck App

#coughcheck

Development of AI audio app to compare cough of Coronavirus infected versus Normal cough.
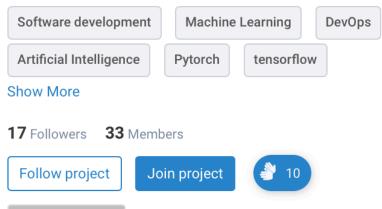
by Hernán Morales Durand

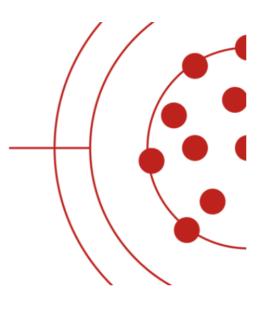Participating to challenge: Covid19 Diagnostic and Detection

Software development | Machine Learning | DevOps

Artificial Intelligence | Pytorch | tensorflow

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17 Followers **33** Members

Follow project | Join project | 🖐 10

Share

Project Title	Project No.	Feasibility Mean	Impact Mean	Average Revie	Budget (Eur	Allocated Funding Amt
CoughCheck App	132	4.533333333	4.777777778	4.655555556	242	242

COVID-ALERT (Accessible LAMP-Enabled Rapid Test)
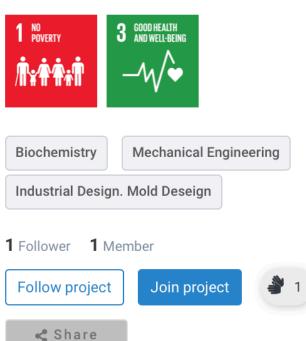
#COVIDALERT

We are developing a robust, simple, sensitive test to detect viruses at home, at low-cost, based on a RT-LAMP assay.

by Ali Bektas

1 NO POVERTY

3 GOOD HEALTH AND WELL-BEING

Biochemistry   Mechanical Engineering

Industrial Design. Mold Deseign

1 Follower   **1** Member

Follow project   Join project   👏 1

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Project Title	Project No.	Feasibility Mean	Impact Mean	Average Revie	Budget (Eur	Allocated Funding Amt
COVID ALERT Lamp Cartridge	187	4.666666667	4.666666667	4.666666667	2656	2656

Some Comments on Costings

- Breezy (crisis emergency ventilator) . App looks fantastic – costs should factor in possible issues down the line once prototype is created. https://app.jogl.io/project/151

- 3 Ply Face Mask. Good idea, try to determine if materials can be bought for cheaper in bulk. Might be worth setting up a GoFundMe page. https://app.jogl.io/project/173

- COVID-19 Museum. Original idea which is still in its infancy, however more detail/costings are needed. https://app.jogl.io/project/175

- Open Epidemiologic Sanitary Smart Resources (OESSR). A breakdown of costs is needed including justification. https://app.jogl.io/project/190

- 3D Fighting COVID-19. Great idea to produce more PPE, but this will benefit more from a GoFundMe page. https://app.jogl.io/project/191