JOGL micro-grants
Round 3 Analysis (25th May 2020)

Submissions

Categories Of Submitted Projects

■ Diagnostic Technology

■ Other Software

■ Self Screening (Software)

■ Research Project/Review

■ Data Analysis/Modelling Project
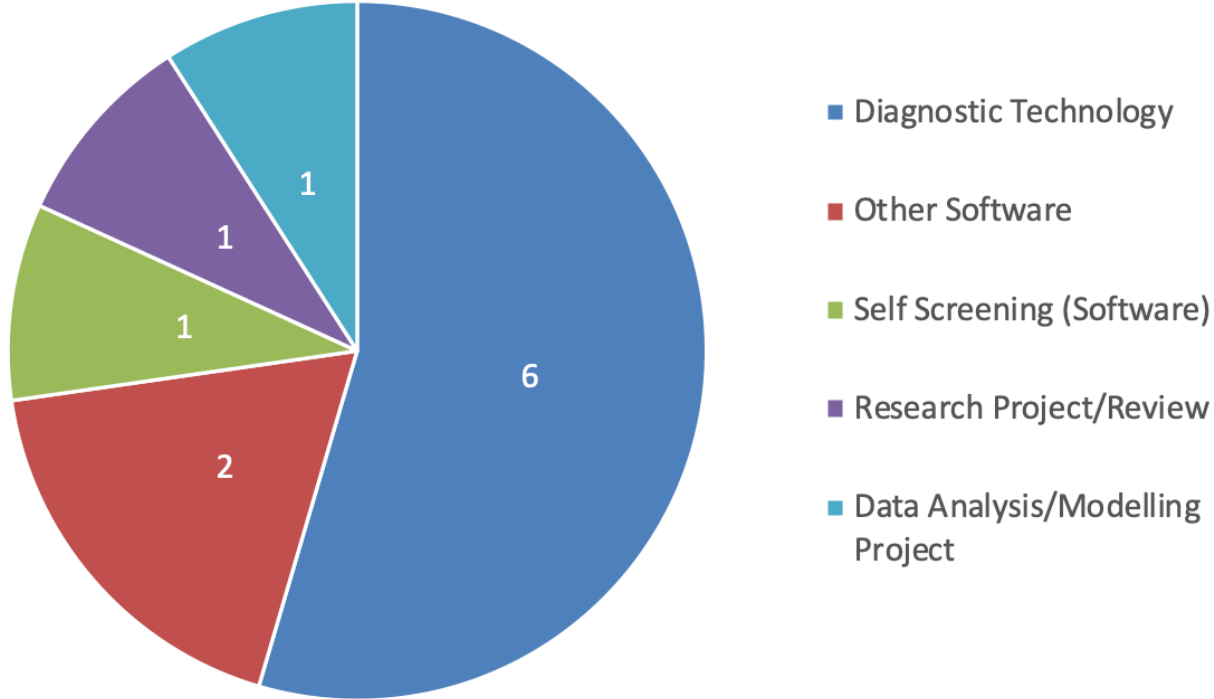
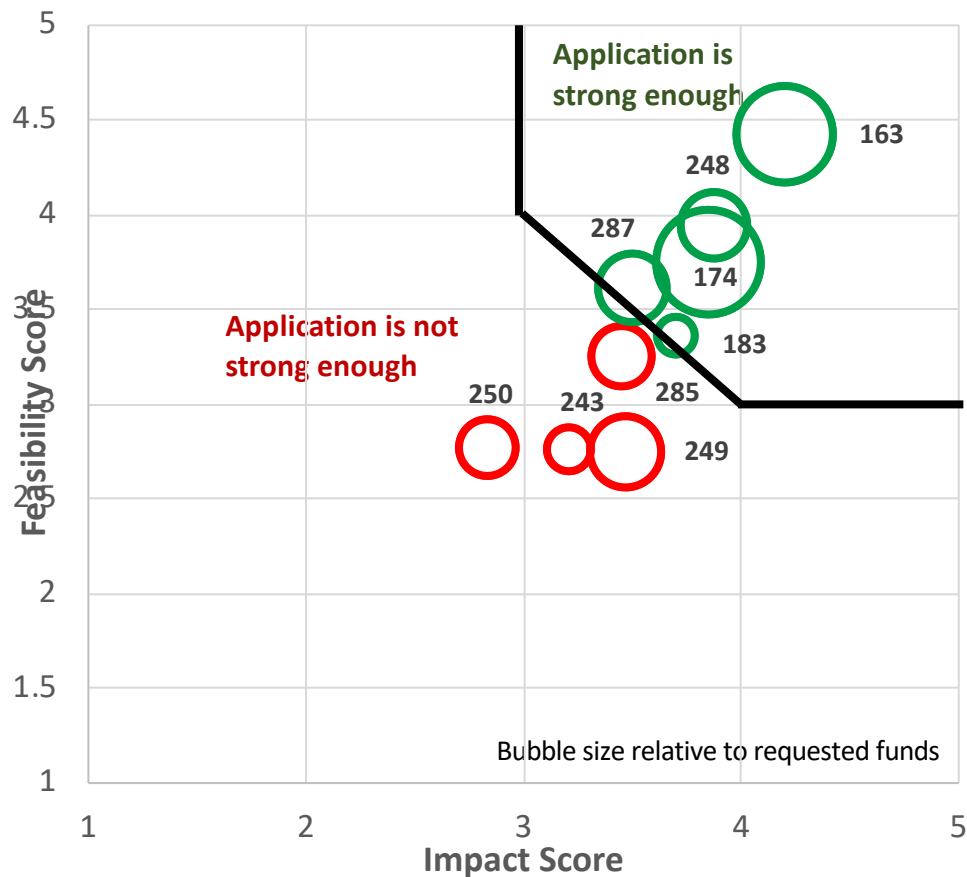11 Projects were analysed by 62 reviews of 23 reviewers

Review Score Summary and Budget requests

Project Title	Project Number	Impact Average	Feasibility Average	Review Score	Requested Funding Amount (Euros)	Peer Reviews
Optimizing NEB LAMP Test (Aanika/Bioblaze labs)	163	4.2	4.425	4.31	5229.38	5
AccuroLab	248	3.88	3.94	3.91	2650	3
Open Enzyme Production (BioBlaze/epiLAMP labs)	174	3.85	3.75	3.8	★ 8320	5
Hackit-19	183	3.7	3.36	3.53	1000	6
OpenPM for Genomic Surveillance	285	3.45	3.25	3.35	2230	6
Safe & Sound	287	3.13	3.35	3.24	2800	6
Kit for Detection of Anosmia	249	3.47	2.75	3.1	3000	8
AI For Good Simulator	238	3.25	2.73	2.99	0	4
Affordable Protein Biosynthesis	243	3.21	2.76	2.99	1284.79	6
CoVImz-MALDI	250	2.83	2.77	2.8	2000	6
Combination entry blocker + inhibitor	231	2.31	2.05	2.18	0	4

*= To be Reviewed

# OpenCOVID19 – JOGL micro-grants Round 3 (18th May 2020)

Project Title	Project Number	Review Score	Requested Funding Amount (Euros)	Peer Reviews
Optimizing NEB LAMP Test (Aanika/Bioblaze labs)	163	4.31	5229.38	5
AccuroLab	248	3.91	2650	3
Open Enzyme Production (BioBlaze/epiLAMP labs)	174	3.8	8320	5
Hackit-19	183	3.53	1000	6
OpenPM for Genomic Surveillance	285	3.35	2230	6
Safe & Sound	287	3.24	2800	6
Kit for Detection of Anosmia	249	3.1	3000	8
AI For Good Simulator	238	2.99	0	4
Affordable Protein Biosynthesis	243	2.99	1284.79	6
CoVImz-MALDI	250	2.8	2000	6
Combination entry blocker + inhibitor	231	2.18	0	4

Application is strong enough

Application is not strong enough

Bubble size relative to requested funds

Feasibility Score (y-axis) / Impact Score (x-axis)

Congratulations to the High feasibility/Impact Projects in Green! JOGL will fund your project

Due to the high calibre of projects proposed this round, it was necessary to **exclude projects with an average proposal review score of below 3.5 from funding.** Projects that didn't achieve a high score this round are invited to apply again! And keep working!

Design
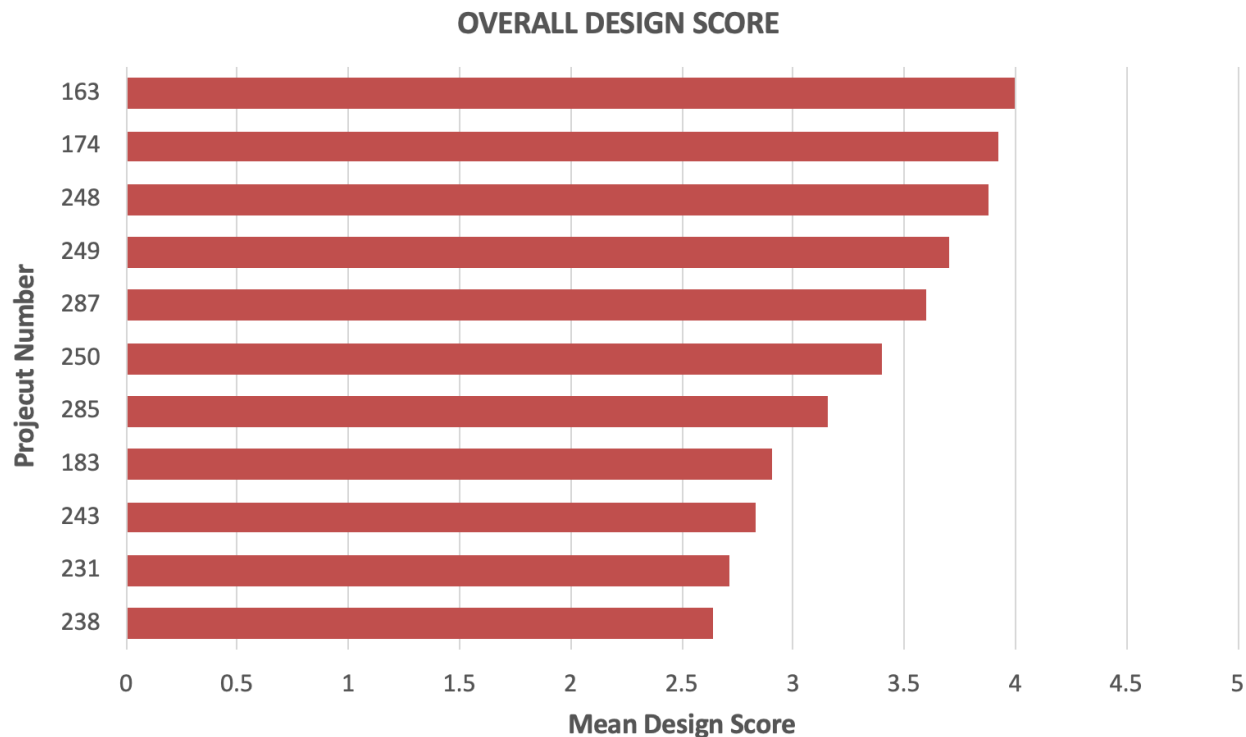
OVERALL DESIGN SCORE

Key

163 – Optimizing NEB LAMP Test

174 – Open Enzyme Production

183 – Hackit-19

231 – Combination Entry Blocker + Inhibitor

238 – AI For Good Simulator

243 – Affordable Protein Biosynthesis

248 – AccuroLab
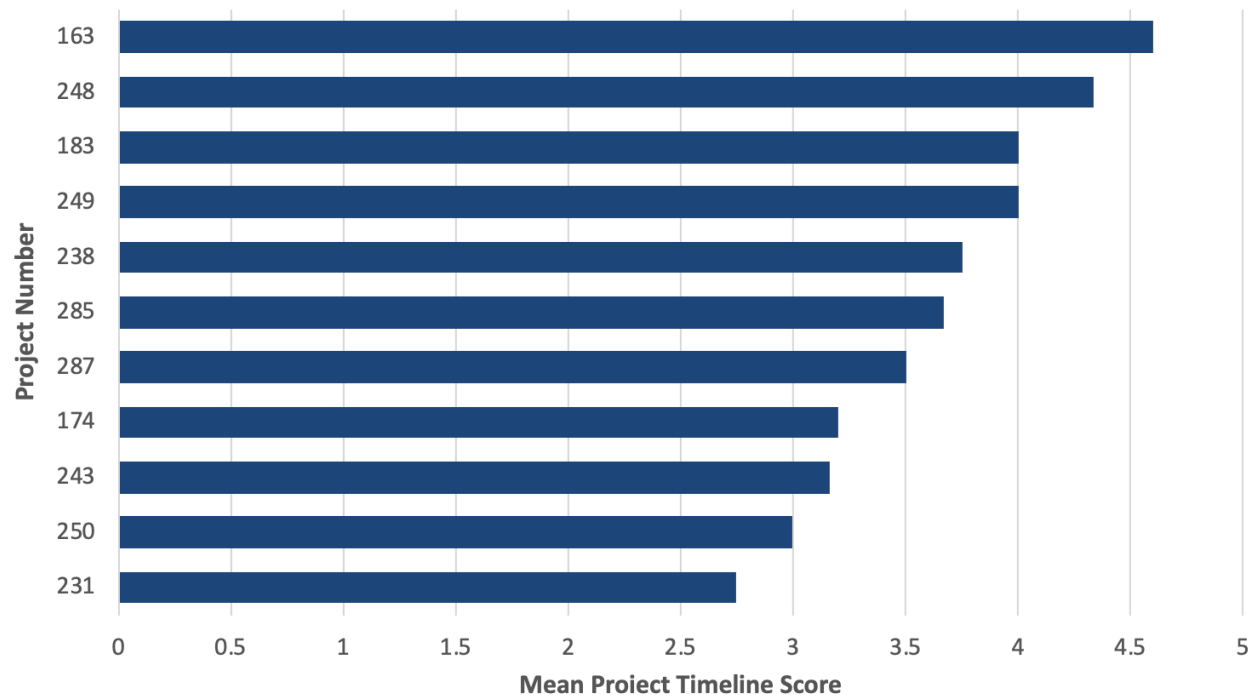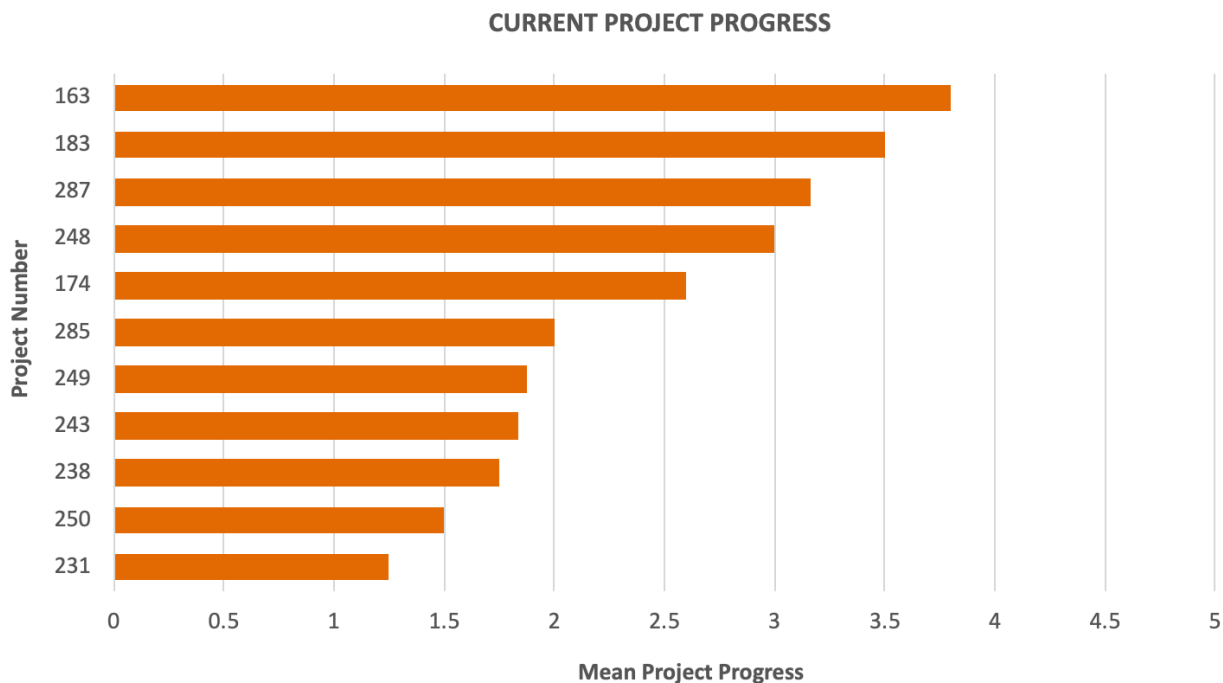
249 – Kit for Detection of Anosmia

250 – CovIMz-MALDI

285 – OpenPM for Genomic Surveillance

287 – Safe & Sound

Timeline

PROJECT TIMELINE - LIKELIHOOD OF COMPLETION WITHIN 3 MONTHS

Key

163 – Optimizing NEB LAMP Test

174 – Open Enzyme Production

183 – Hackit-19

231 – Combination Entry Blocker + Inhibitor

238 – AI For Good Simulator

243 – Affordable Protein Biosynthesis

248 – AccuroLab
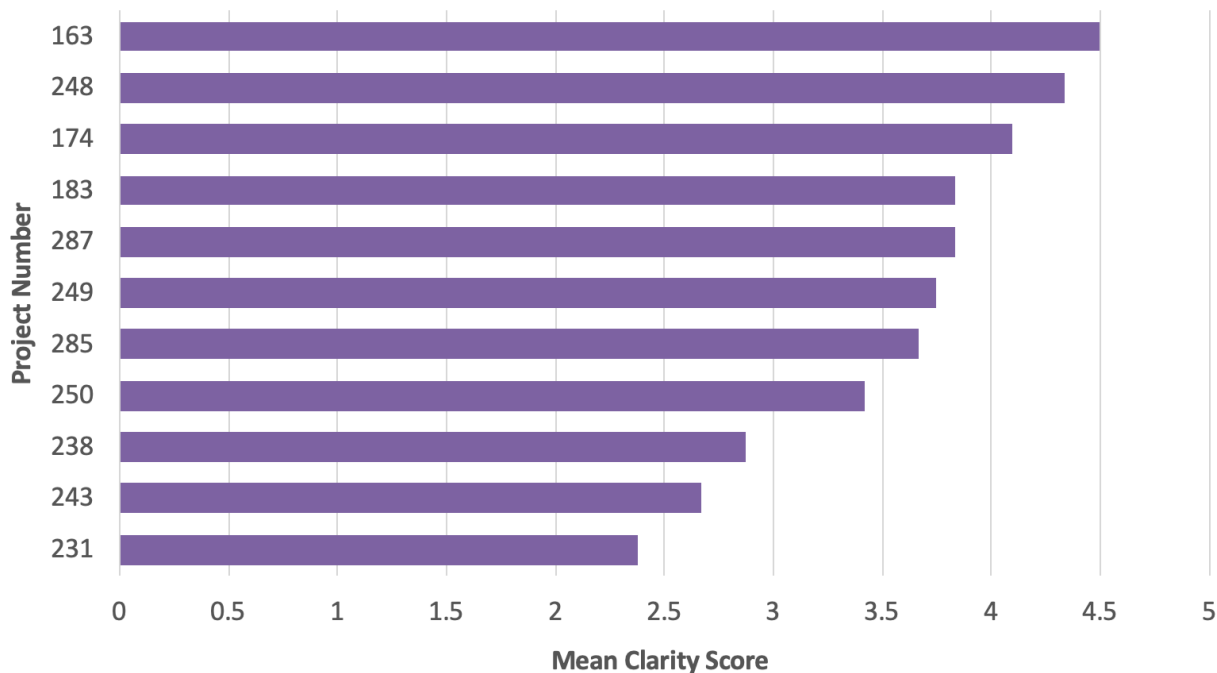
249 – Kit for Detection of Anosmia

250 – CovIMz-MALDI

285 – OpenPM for Genomic Surveillance

287 – Safe & Sound

Progress

CURRENT PROJECT PROGRESS

Key

163 – Optimizing NEB LAMP Test

174 – Open Enzyme Production

183 – Hackit-19

231 – Combination Entry Blocker + Inhibitor

238 – AI For Good Simulator

243 – Affordable Protein Biosynthesis

248 – AccuroLab

249 – Kit for Detection of Anosmia

250 – CovIMz-MALDI

285 – OpenPM for Genomic Surveillance

287 – Safe & Sound

Clarity

CLARITY OF TIMELINE AND PROJECT PROPOSAL

Key

163 – Optimizing NEB LAMP Test

174 – Open Enzyme Production

183 – Hackit-19

231 – Combination Entry Blocker + Inhibitor

238 – AI For Good Simulator

243 – Affordable Protein Biosynthesis

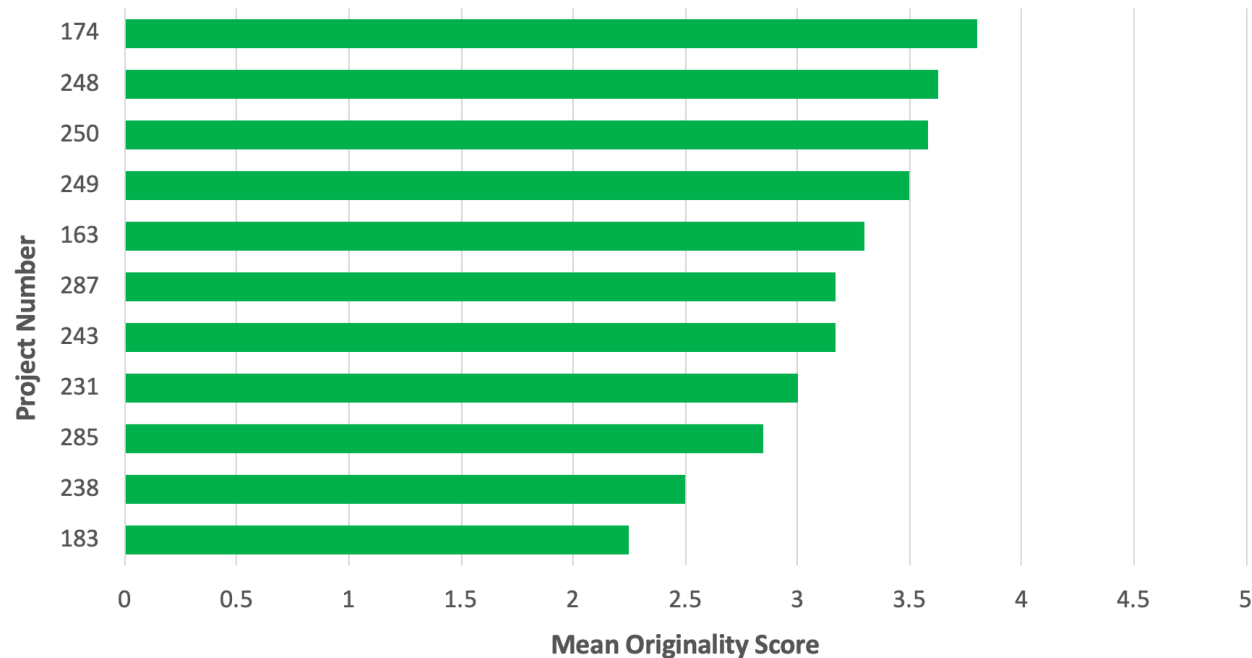248 – AccuroLab
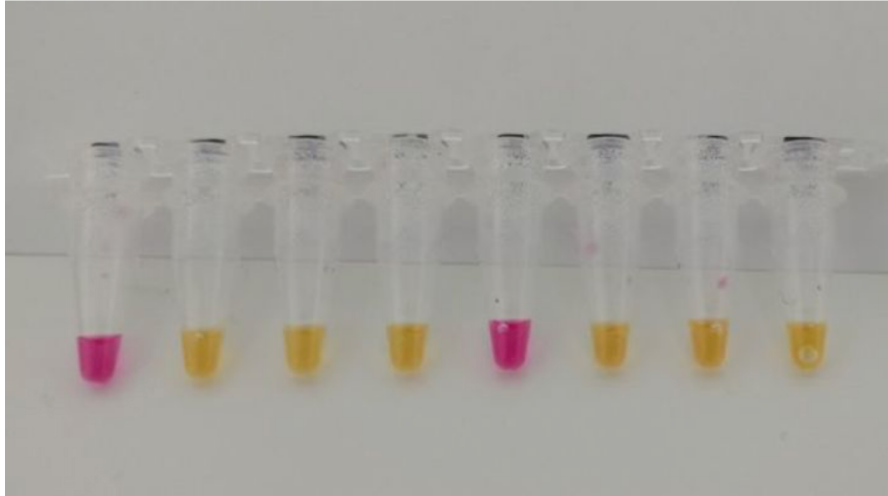
249 – Kit for Detection of Anosmia

250 – CovIMz-MALDI

285 – OpenPM for Genomic Surveillance

287 – Safe & Sound

Originality

PROJECT ORIGINALITY

Funded Projects

Eligible projects above 3.5 Review score on average

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?

Created on: March 26, 2020

by Ellen Jorgensen

Participating to challenge(s): Covid19 Diagnostic and Detection

SDG's:

Skills:

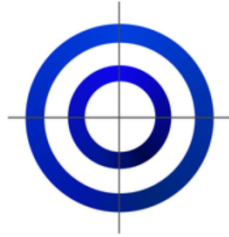Molecular biology   Open science   Diybio

19 Followers   **23** Members

Follow project   Join project   👏 5

Share

AccuroLab - Factcheck Covid-19 Information

#AccuroLab

A platform to fact check Covid-19 information received on social medias and provide users with shareable verified information.

Created on: May 12, 2020

by Tarik Fathallah, Marilyn Osei, Steve Tchuenté

Participating to challenge(s): Covid19 Prevention, Data analysis and simulation

SDG's:

Skills:

Machine learning   Artificial intelligence

Social impact   African market   Ussd code

Social medium

Show More

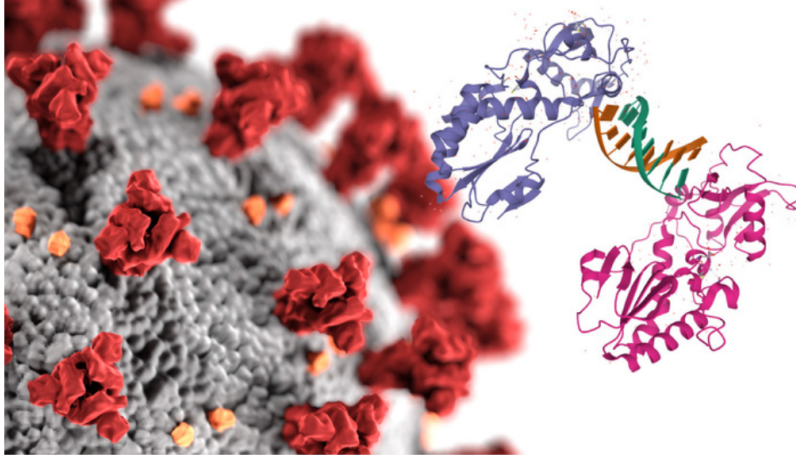**5** Followers   **5** Members

Follow project   Join project   ✋ 3

Share

Open Enzyme Production for Covid-19 Diagnostics

#OpenEnzymeProduction

The goal of the project is to develop open protocols for optimization of enzyme expression and purification for use in SARS-CoV2 diagnostics

Created on: April 02, 2020

by Scott Pownall

SDG's:

Skills:

Molecular biology   Synthetic biology   Diybio

Protein purification
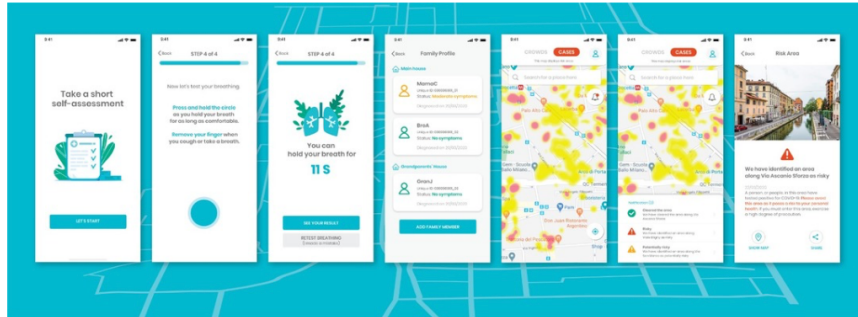
5 Followers   **7** Members

Follow project   Join project   👏 5

Share

Hackit-19

#Hackit19

https://hackit19.azurewebsites.net/

Created on: April 03, 2020

by Sophie PARSY

Participating to challenge(s): Covid19 Diagnostic and Detection, Covid19 Prevention, Data analysis and simulation

SDG's:

Skills:

Development   Data science   Medical worker

8 Followers   **4** Members

Follow project   Join project   👏 3

Share

Safe & Sound

#SASO

SASO uses technology to help Stop Women & child domestic harassment, both during and after COVID-19.

Created on: May 18, 2020

by Kay Nag

SDG's:

Skills:

Php   Node.j   Java   Swift   Mongodb   E

Show More

0 Follower   **1** Member

Follow project   Join project   ✋ 2

Share

Other Projects

Review Score 3.5 or below

OpenPM for ⬇️$🧬🔍

Figure 1. Screenshot from a webinar given by Dr. Ahmed Abd El Wahed of the University of Leipzig entitled "*Nanopore sequencing: the missing puzzle piece in molecular identification*" streamed on May 5, 2020. While a traditional sequencing lab costs hundreds of thousands of Euros, this lab-in-suitcase only costs around €8,000.

#OpenPMforGenomicSurveillance

We are creating a playbook for deploying low-cost genomic pathogen surveillance in developing countries.

Created on: May 17, 2020

by Kahlil Corazo

SDG's:

Skills:

Video editor   Video creation

Video making experience   Science crowdfunding

Scientific networking   Science communication

Show More

2 Followers   **2** Members

Follow project   Join project   ✋ 1

Share

A kit for detection of Anosmia for screening COVID-19

#Anosmia

Anosmia has been detected in 20-40 % of patients with COVID-19. We intend to design a paper-based kit to screen for anosmia in South Asia.

Created on: May 13, 2020

by Atanu Dutta

Participating to challenge(s): Covid19 Diagnostic and Detection

SDG's:

Skills:

Medicine   Screening
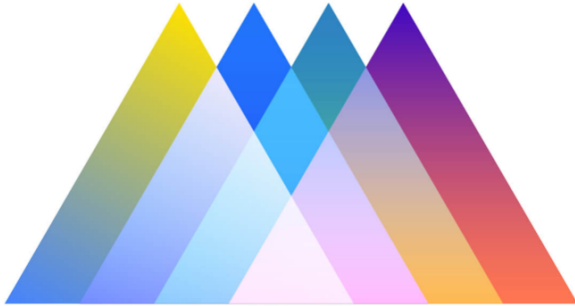
2 Followers   **2** Members

Follow project   Join project   👋 3

Share

AI for Good Simulator

#refugeecampsim

Use epidemiological modelling techniques to simulate the spread of coronavirus to help humanitarian NGOs and actors work in refugee camps.

Created on: May 10, 2020

by Billy Zhao

SDG's:

Show More

Skills:

Web development   Front-end development

2 Followers   **1** Member

Follow project   Join project   👋 0

Share

Affordable protein biosynthesis in 20 Liter reactions

#HomebrewProteins

An affordable and scaleable method of diagnostic enzyme production using grocery store sourced materials and home-brewing methodology.

Created on: May 11, 2020

by Nico Crudele

SDG's:

Show More

Skills:

Open science Protein purification

Enzyme biosynthesis Low-cost tech

1 Follower **3** Members

Follow project Join project 👏 1

Share

CoVImz-MALDI mass spectrometry based detection of COVID-19

Created by José Manuel de Laá
from Noun Project

#projmassspecdetection

Rapid and accurate mass spectrometry assay for SARS-CoV-2 viral proteins identification

Created on: May 13, 2020

by Nivedita Bhattacharya

SDG's:

Skills:

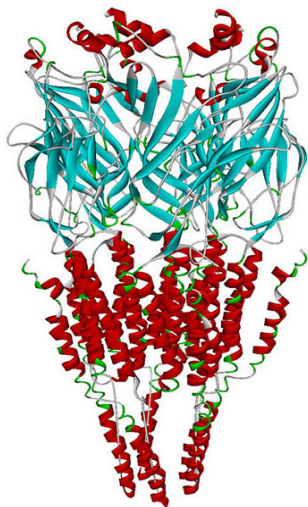Mass spectrometry   Virology   Biochemistry

1 Follower   **1** Member

Follow project   Join project   ✊ 1

Share

Combination entry blocker (rh(s)-ACE2) + a7nachR inhibitor

#Hackathon

Review of litterature and RD research of a7nachR inhibitor or building new molecules of interest, maybe it is the solution to this crisis !

Created on: May 02, 2020

by FUCINI Julie

Participating to challenge(s): Covid19 - Treatments and Therapeutics, Data analysis and simulation

SDG's:

Skills:

Data analysis   Epidemiologist   Neuroscience

Virologist   Neurobiology   Virtual screening

Show More

4 Followers   **2** Members

Follow project   Join project   👏 0

Review Summary

Project Title	Project Number	Review Score	Allocated Funding Amount (Euros)	Message to team
Optimizing NEB LAMP Test (Aanika/Bioblaze labs)	163	4.31	5229.38	Please publish your data! We see you have great work that needs circulating.
AccuroLab	248	3.91	2650	UI insights would improve the project proposal,
Open Enzyme Production (BioBlaze/epiLAMP labs/Team OSN)	174	3.8	8320	When complete, please publish and set up a plasmid retrieval site! Looks fantastic. The budget is extremely high and will need to be split,
Safe & Sound	287	3.56	2800	JOGL, after seeing this project is to launch a new challenge for improvement of life during the COVID crisis. Post any new updates to JOGL!
Hackit-19	183	3.53	1000	Please post any new insights on JOGL!
OpenPM for Genomic Surveillance	285	3.35	0	Team size and Expertise need improving, reach out! Great potential, apply again wiith further proposal detail and a larger team!
Kit for Detection of Anosmia	249	3.1	0	A sound idea, that needs more detail in the proposal, and possibly a large team size
AI For Good Simulator	238	2.99	0	Improve the proposal, or projected models to use, expertise or team size improvements, are needed, This is a common project currently.
Affordable Protein Biosynthesis	243	2.99	0	We encourage you to work wth the Open Enzyme production team, or produce a specific protein, rather than dsRed,
CoVImz-MALDI	250	2.8	0	Scope of Mass Spec needs changing, with a more specifiic reason to use Mass Spec as opposed to already existing methods,
Combination entry blocker + inhibitor	231	2.18	0	Team size and Expertise need improving, reach out! Great potential