

Activating Innovation Ecosystems!

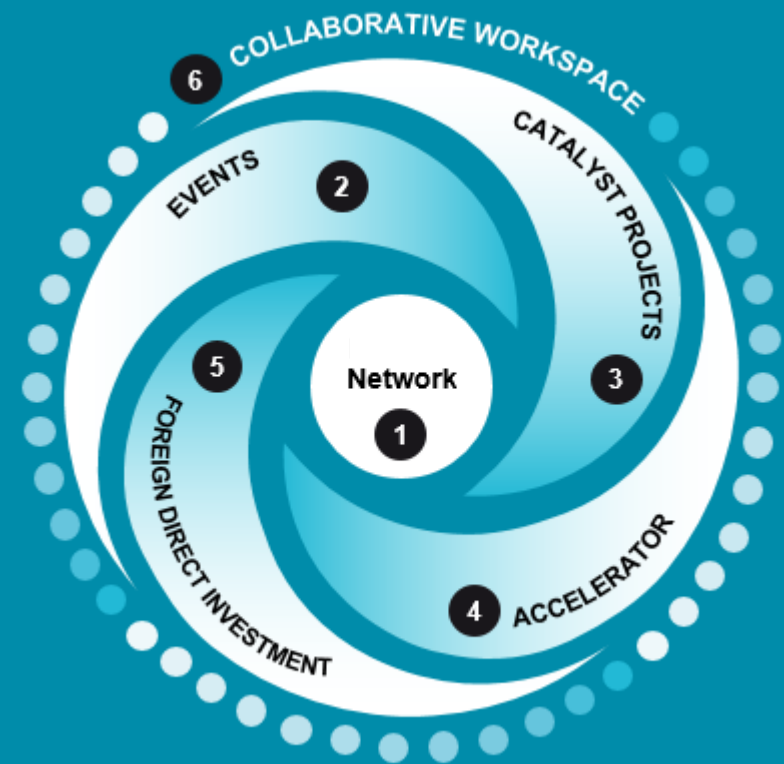
frank.kumli@baselarea.swiss



Innovation Ecosystem Activation

THERAPEUTIC INNOVATION	BASELAUNCH
HEALTHCARE INNOVATION	DAYONE
INDUSTRIAL TRANSFORMATION	I4CHALLENGE
Entrepreneurship	Venture Mentoring

1. Growing networks to **connect**
2. High impact events to get **inspired**
3. Catalyst projects to **activate**
4. Three accelerator programs and Entrepreneurship support to **grow**
5. Activation of **international markets**
6. Activating our **workspaces**



Ecosystem activation depends on industry maturity

Industry	Biotech	Healthcare	Manufacturing
	Mature	Emerging	Emerging
Network	✓	✓ ✓ ✓	✓ ✓ ✓
Events	✓	✓ ✓	✓ ✓ ✓
Projects	-	✓ ✓	✓ ✓ ✓
Acceleration	✓ ✓ ✓	✓ ✓ ✓	✓ ✓
International Markets	✓ ✓ ✓	✓ ✓	✓
Innovation Space	✓ ✓ ✓	✓ ✓	✓



DayOne is on a mission to

Shape the future of health

Ecosystems!

**If you're not building an ecosystem,
chances are your competitors are**

Disruptor 1: Tech

Bloomberg

Prognosis

Apple Watch Heart Study With Stanford Signs Up 400,000 People

By [Robert Langreth](#)

November 1, 2018, 5:00 AM EDT

- ▶ Clinical study aims to spot undiagnosed heart rhythm problems
- ▶ Watch finds irregular pulse and sends alert to get follow-up

Disruptor 2: Platforms

Facebook has already been working on Smart Glasses and its famous Oculus virtual reality platform—both of which may soon become as integral to a person's body as a cellphone or smartwatch. ... Similarly, if these connectivity devices indeed become integral to the everyday human experience, it has significant potential applications in the realm of healthcare. Some very basic examples include: remote monitoring of patients that require critical care; better data and insights into clinical outcomes (e.g. blood sugar monitoring, heart rhythm tracking, etc.); augmented tracking of physical health, virtually; and far more advanced applications that are even beyond the realm of current imagination.

Source: Forbes

Oct 30, 2021, 09:53pm EDT | 6,605 views

Facebook's Evolution Into 'Meta' Has Incredible Potential To Revolutionize Healthcare

 Sai Balasubramanian, M.D., J.D. Contributor ©
Healthcare
I write about clinical medicine, innovation in healthcare, and health policy.

Follow

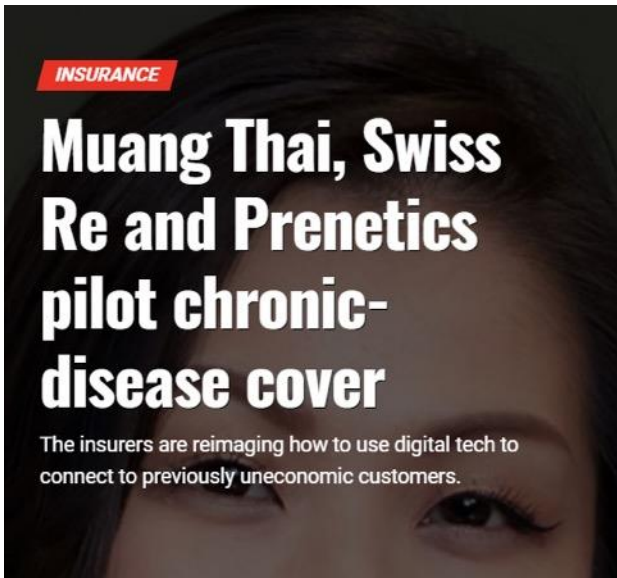


Disruptor 3: Retail



Walgreens announced that it will invest \$1 billion in debt and equity over the next three years into VillageMD, which operates a chain of primary care clinics. Walgreens' announcement comes on the heels of Walmart opening several standalone primary care clinics over the past year, as well as CVS announcing plans to turn 1,500 of its more than 9,000 stores into "HealthHubs" which will have a larger clinic, offer access to a greater range of diagnostic tests, as well as wellness rooms for activities like yoga.

Disruptor 4: Insurance



Ping An Good Doctor blazes trail in developing unstaffed, AI-assisted clinics in China

- China's biggest online health care services provider plans to build 'hundreds of thousands' of its telephone booth-sized, AI-powered clinics and roll these out across the country in three years



Disruptor 5: THE PATIENT!

patientslikeme

HOME CONDITIONS TREATMENTS SYMPTOMS SEARCH

Sign in Join now

Heal Together. Get Answers. Take Charge.

Here, no one goes it alone.

Meet Jackie

How hard is it to adapt to the ketogenic diet? #1

Jackie, Team of Advisors
Living with MS since 2006

“ When diagnosed, I felt overwhelmed and alone in the world. I joined PatientsLikeMe and found there were thousands of others with my condition. I felt such relief I was not alone. ”

Craig
PatientsLikeMe member

MY PROFILE

Who I am:

Diabetes Type 2 Parenting

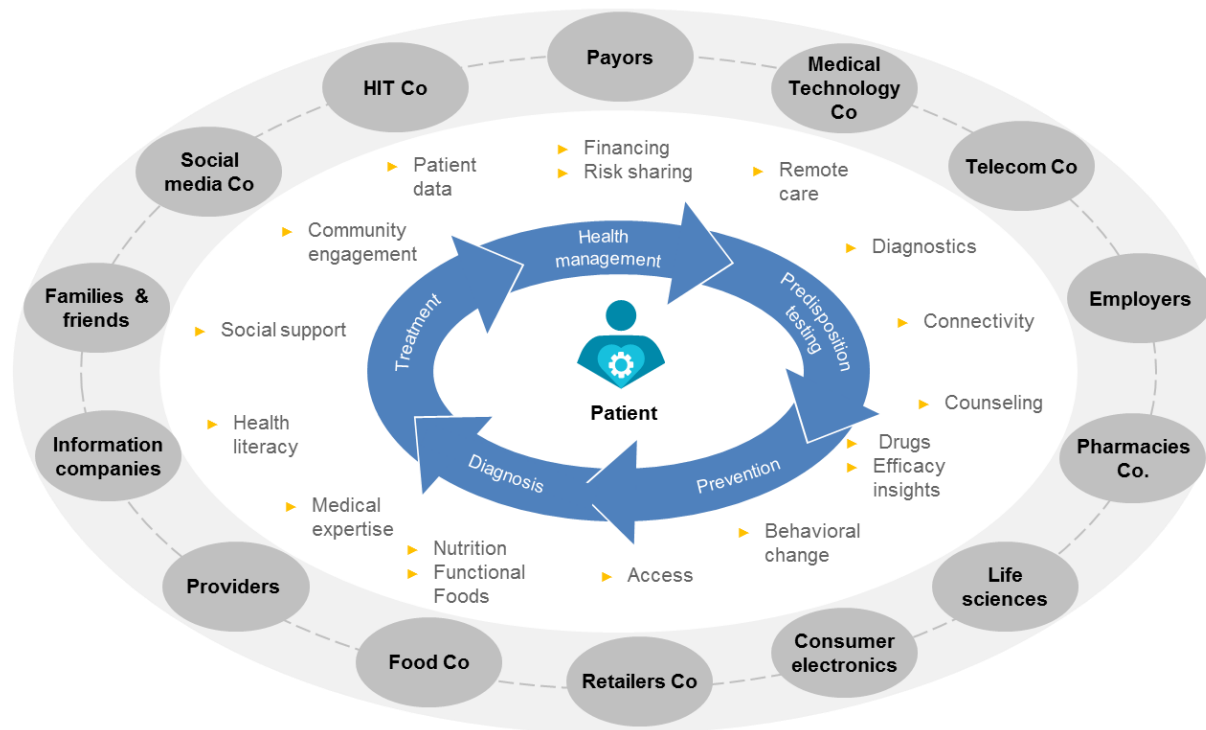
Heal Together

Make helpful connections, learn, and be part of a safe community who has your back when you need it most.

- PatientsLikeMe members connect through art
- Sleep can be challenging. Here are sleep tips from the community
- See what members are doing during social distancing

What we need to get right

Building ecosystems



Getting uncomfortable

First steps



BY URS GREDIG @URSGREDIGCNN | 10 April 2019

NOVARTIS CEO VAS NARASIMHAN: HOW TO BE A BOSS IN AN “UNBOSSED” COMPANY

The American-born Harvard doctor has been at the head of the Swiss pharmaceutical company since February of last year, and he didn't lose any time changing the corporate culture of the company. Why does he think innovation should come from the bottom and how does wearing jeans and no tie help make him a better executive?

The future of business!

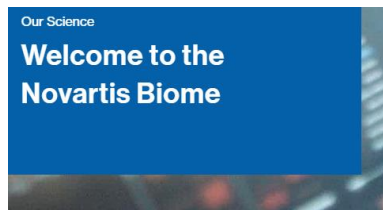
02-26-17 | MOST INNOVATIVE COMPANIES

What Accelerators, Incubators, And Hackathons Tell Us About The Future Of Business

It's easy to underestimate incubators. To make a joke out of hackathons. To see accelerators and coworking spaces as passing fads. But to do so misses a larger point: These formats and processes, which have emerged out of tech culture over the past decade, offer a glimpse into the future of businesses—and only the foolhardy would ignore them.

Getting out of the building

Innovation labs, Hackatons, Accelerators, Incubators



Bayer is taking collaboration with health care start-ups to the next level

— **The buzz you hear is us, making innovation news.**

LEO Innovation Lab is a Danish Design Award Finalist

Danish Design Award is an annual design event celebrating the best design solutions. LEO Innovation Lab is a finalist in the Healthy Life category for our Imagine platform and its capabilities within AI-powered skin diagnosis.

18.03.2019



hackathon
Ready to hack and hustle? Then this event is for you!



SANDOZ A Novartis Company
Our Work About Us News

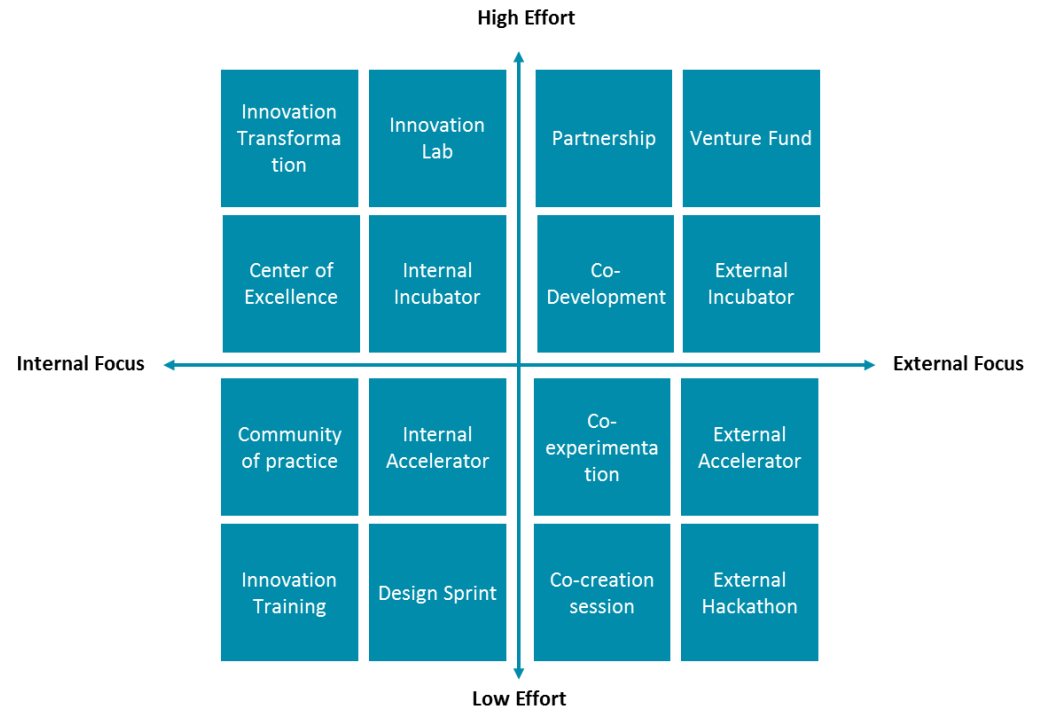
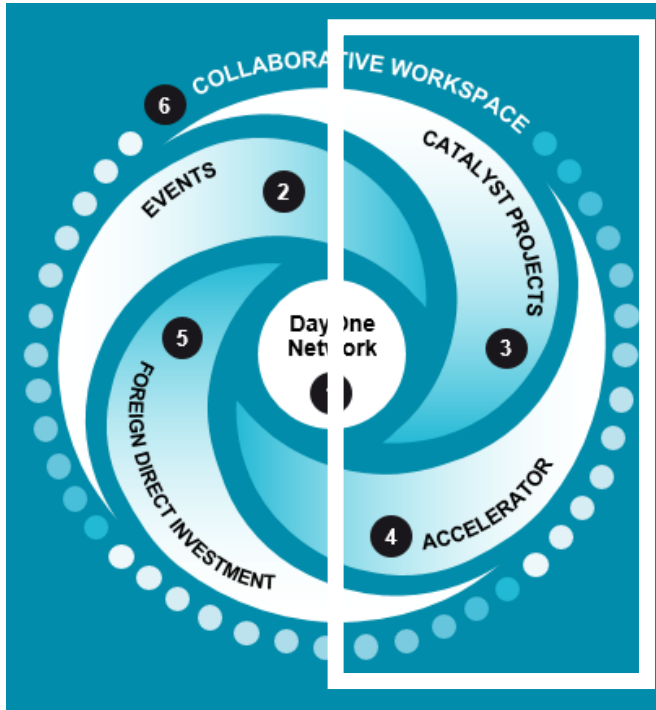
Sandoz HACK – Healthcare Access Challenge



Source: multiple sites

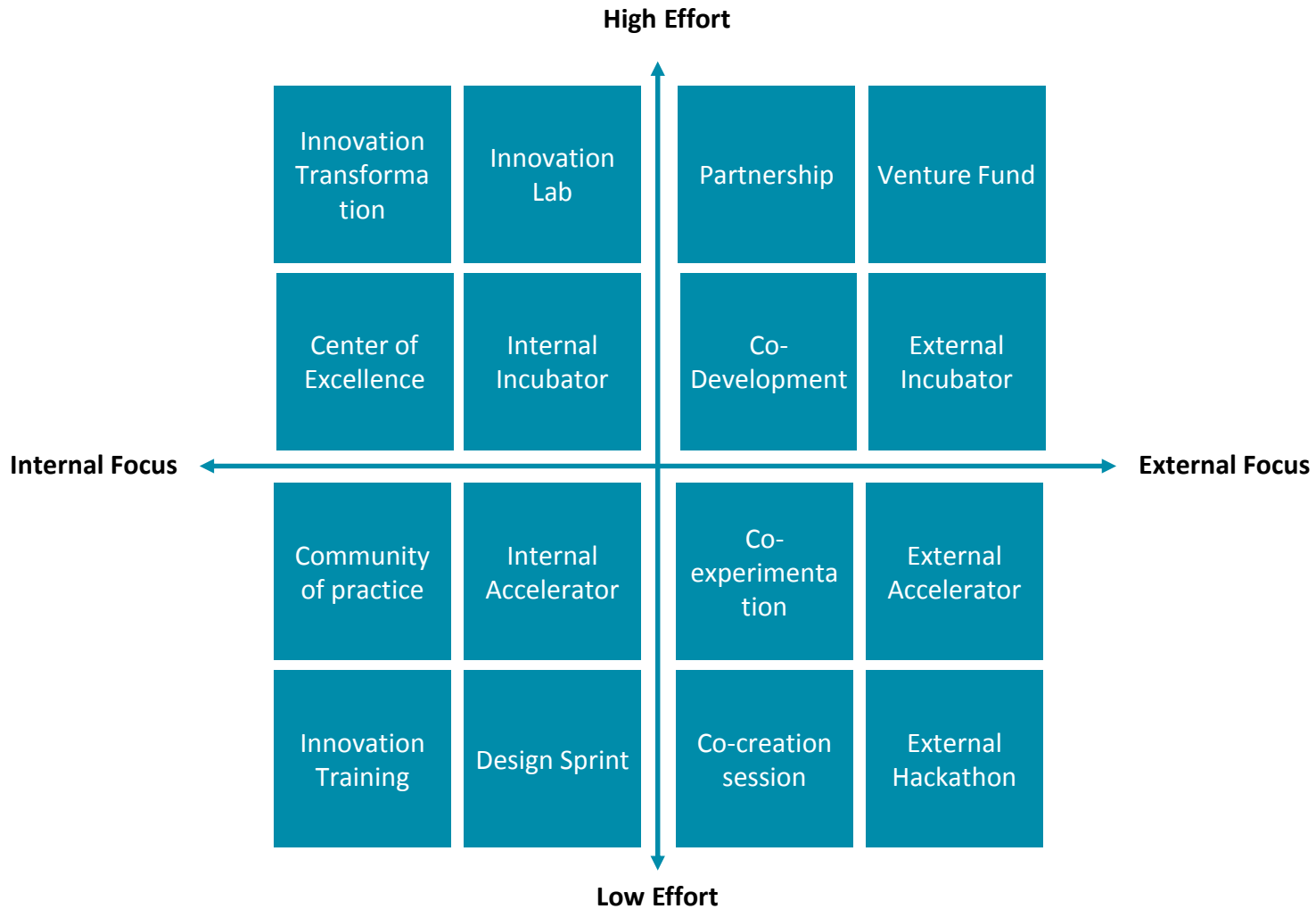
Getting out of the building

In a structured way!



Getting out of the building

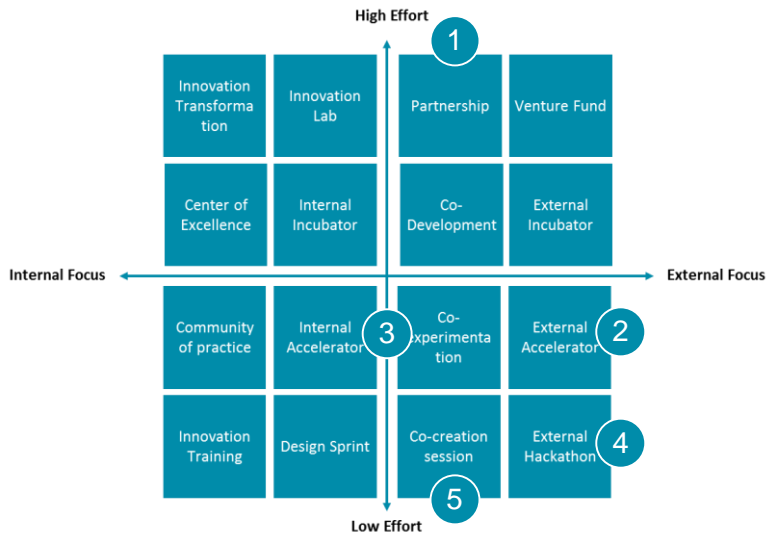
In a structured way!



Source: adapted from boardofinnovation

Getting out of the building

Examples



- Jura Hospital Oncology**

A solution to support the oncology patient pathway between Basel and Jura
- Digital Health Accelerators**

The acceleration of start-ups at the interface between academia and big pharma
- DayOne validation center**

Development of a validation center at the interface with a hospital
- The DayOne Health Hack**

Large scale collaborative innovation at the interface between patient needs and innovators
- Healthcare Scenario Planning**

The collaborative development of scenarios for the future of the Health Data economy

Health Hack!

Health Hack 2021



Looking for hackers

Switzerland's Biggest Patient Centered Health Hack

- 10 patient champions
- 12 partners
- 200 hackers
- Up to 15K CHF in prizes

Patient Champions



Why are you a Champion for the 2021 HealthHack

I'm a patient for over 15 years, that is more than half of my life. In these years I saw a lot of doctors and made a lot of experiences. Sadly, most of them were not good and I felt alone with my symptoms. **After 10 years** I finally got the **diagnosis MCAS**, that is the short term for **Mast Cell Activation Syndrome**. For years I was told, that the root of my stomach pain and my other issues were a mentally problem. **With the diagnoses I felt confirmed, that I wasn't wrong** all these years and hearing to my body is the right way.

I want to reach that MCAS get more popular, so that patients out there get a diagnosis faster than I did. It's estimated that around **17% of the population have mast cell disorders**. For MCAS there is no cure at the moment, but how can there be a process if only so little people work on the research.

I want to speak for all the patients out there who are helpless suffering every day.



cha...

“At the moment I have headache every day, and I'm so afraid how this disease will control my further life.”

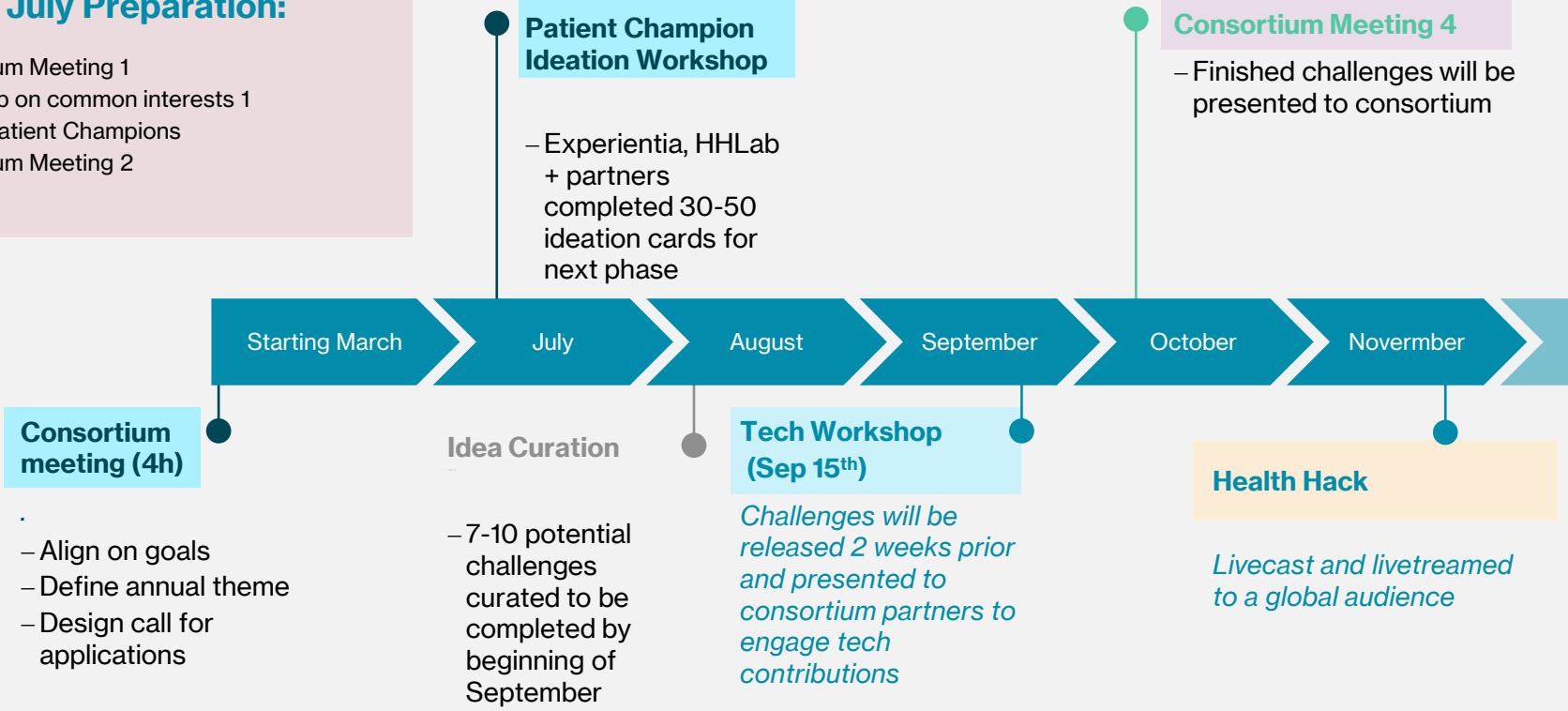
A Consortium



A Process

March - July Preparation:

- Consortium Meeting 1
- Workshop on common interests 1
- Recruit Patient Champions
- Consortium Meeting 2



Patient Challenges (1/2)



DayOne Health Hack 2021 – Kick-off Basel Area Business & Innovation

Time Left 1h:31m

Patient champions and their challenges

- Reception
- Stage
- Networking



Steve Bourke

Health Hack 2021 / Project Board

healthhack.solutions/event/5

DAYONE Health Hack

Join us during our two-week hackathon from the 13th till the 28th of November 2021.

- Appointment Buddy
- Match Me
- MedQuora
- My Jarvis
- My Wolf-Pack
- MyMoves
- MyStory
- myVoice
- Our Design
- MyTrigger
- myWheeleePass

Platform home | Join or start a team

All attendees, sponsors, partners, volunteers and staff at our hackathon are required to agree with the [Hack Code of Conduct](#). Organisers will enforce this code throughout the event. We expect cooperation from all participants to ensure a safe environment for everybody. For more details on how the event is run, see the [Health Hack FAQ](#).

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2 weeks to go | By Stage | As List | People | info

Share | Event | Add project

15.00.01.10


Chat

Patient Challenges (2/2)

- Reception
- Stage
- Networking

Patient champions and their challenges







MyMoves

Challenge

As a Parkinson's or MS patient, I want to track specific body motion movements between healthcare provider (HCP) visits and share that with my HCP. Examples of useful measures are cover limb movement, gait, typing speed, speech or a combination of these. These measurements should not hinder my daily routine; rather, used as opportunities. A gamification approach could make this an engaging activity and possibly allow me to engage with fellow patients. Beyond sensors, we can also consider approaches like touch typing, smartphone touch typing/engagement, voice strength/decibel/stridor; timing specific common tasks like chopping vegetables, buttoning shirt etc. Helping in active management of the disease, earlier and timely interventions to slow down progression. I would like a dashboard or a leaderboard to show progress or deterioration over a period of time. The generated data should be easy to access and share with HCPs to identify any deterioration (if any and when). Some examples for inspiration are the floodlight app for MS; <https://www.ucl.ac.uk/news/2020/dec/new-app-monitor-parkinsons-progression-home>; Endeavor Rx from Akilli interactive <https://msquarehealthcare.com/>; <https://www.vcreate.tv/heuro>




Contact



Source

All attendees, sponsors, partners, volunteers and staff at our hackathon are required to agree with the [Hack Code of Conduct](#). Organisers will enforce this code throughout the event. We expect cooperation from all participants to ensure a safe environment for everybody. For more details on how the event is run, see the [Health Hack FAQ](#).

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Chat

A Platform



DayOne Health Hack 2021 – Kick-off Basel Area Business & Innovation

Time Left 1h:12m



Program and platform of the Hackathon

- Home
- Reception
- Stage
- Networking



Giovanni Nisoto

Health Hack 2021

healthhack.solutions

Join us during our two-week hackathon from the 13th till the 28th of November 2021.

15:02:12:08

healthhack.solutions

- Patient Champions
- Official Challenges
- Teams & Projects
- Participants

Guidelines

- Projects Pitches Voting
- How-To Guide
- Tips & Tools
- Resources

- FK
- Notifications
- Messages
- Volume
- Global
- Camera



Tech Providers (1/2)



DayOne Health Hack 2021 – Kick-off Basel Area Business & Innovation

Time Left 53m

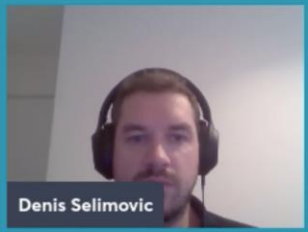


- Reception
- Stage
- Networking

Presentation of resources

<https://azure.microsoft.com/>

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Denis Selimovic



Florian Georg



LIVE



Tech Providers (2/2)

- Reception
- Stage
- Networking

Presentation of resources

Google Cloud

Interdisciplinary innovation effort

Enabler → Technology Feasibility

Healthcare Viability → True innovation

Patients Usability and Desirability → Start here

DAYONE #HealthHack2021

Sam (Google Cloud)

Chat

Hackers!

Slack interface for #general channel in DayOne Health Hack workspace.

Search: Search DayOne Health Hack

general Random/Misc - If you have something to share with the whole community and can't find the "right" channel, post it here!

2 Pinned + Add a bookmark

Google Cloud

DayOne HealthHack:
Google Cloud: Available Resources
Healthcare industry-specific solutions

13. November: 14:15 - 14:25
[Learn more at: www.healthhack.ch/](https://www.healthhack.ch/)

DAYONE #HealthHack2021

Saturday, November 13th

👍 3 👏 2 🙏 1 😊

Giovanni / Hack Mod. 3:09 PM
Welcome one and all ! Please make sure you have read Champions stories and watched/ heard their videos : <https://healthhack.solutions/event/6>

healthhack.solutions
Patient Champions (16 kB)

👍 1 😊

Yesterday

Giovanni / Hack Mod. 8:50 AM
@here Good morning and welcome to day 2 ! if you are joining, please say a few words about yourself in [#introductions](#), browse [#ch-\(challenge\)](#) channels and join the conversations.

Giovanni / Hack Mod. 1:35 PM
Microsoft created the channel [#ask_microsoft](#): "All your questions to Microsoft here. Our team will monitor and try to answer as fast as possible".

Send a message to #general

Rich text editor: B I [link] [code] [list] [table] [table] [table] [table]

Slack needs your permission to enable notifications. [Enable notifications](#)

Want to be a part of the hack? Sign up here!

DayOne Health Hack website

DAYONE About us What we do Success stories Partners Resources

Welcome to DayOne Health Hack!
Join us during our two-week hackathon from the 13th till the 28th of November 2021.

Principles

- Patient-centric
- Aspirational
- Creative & collaborative
- Relevant & scalable
- Feasible
- Supported
- Visibility & continuity

Health Hack Program 2021

DayOne Health Hack- Kick-off
Saturday 13.11.2021, 13:00-16:00

REGISTER HERE

Participation in the kick-off is mandatory for access to the health hacking platform

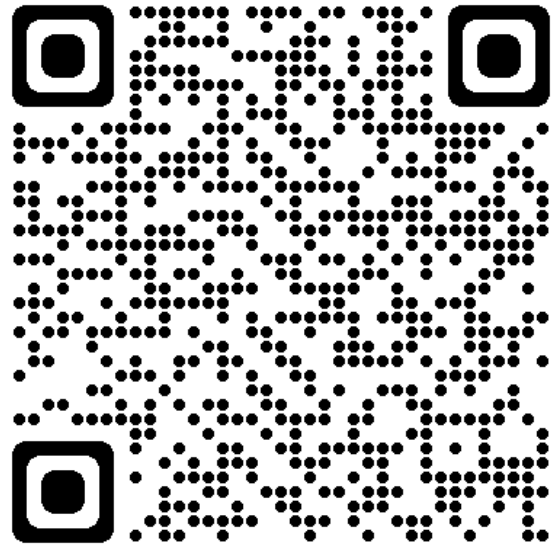
<p>1st weekend of Hackathon: Onboarding 13.11. – 14.11.2021</p> <ul style="list-style-type: none"> Create your online profile Get familiar with the platform and the challenges 	<p>1st week of Hackathon: Team Forming 15.11. – 19.11.2021</p> <ul style="list-style-type: none"> Look for team members Build your team Start to hack Patient champions sessions 14.11.09-12.00 Consortium input session with a presentation of provocations 15.11 Touchpoint sessions with Q&A with participants and organizers 16/17/28.11. 	<p>2nd week of Hackathon: Ramp up and build 20.11. – 26.11.2021</p> <ul style="list-style-type: none"> Continue to hack Get organized Coaching & mentoring for pitches Tell your story, training + work on slides Touchpoint sessions, Q&A with participants and organizers 22.24.11 Patient champions sessions 23.11. Consortium input session, presentation of provocations 25.11. Teams formed & pitched ready for the final event, review team status 26.11, 14:00-16:00
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DayOne Health Hack platform

DAYONE Health Hack Join us during our two-week hackathon from the 13th till the 28th of November 2021.



Patient Champions	Official Challenges
s	Participants
ing	How-To Guide
	Contact us



<https://healthhack.solutions/>

Why is it so hard?

It is still (very) comfortable

GET
UNCOMFORTABLE

#GetOutOfTheBuilding

Ecosystems!

**If you're not building an ecosystem,
chances are your competitors are**

Thank You



Basel Area Business & Innovation is the investment and innovation promotion agency dedicated to helping companies, institutions and startups find business success in the Basel Area.

Follow us at



About myself



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Head of Innovation and Entrepreneurship

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Twitter: @frankkumli



Core topics and competencies

- Basel Area Business & Innovation is your connection to professional resources within a vibrant ecosystem designed to nurture innovation
- Our areas of focus:
 - Therapeutic Innovation
 - Healthcare Innovation
 - Industrial Transformation
 - Entrepreneurship



Location / Visit us

- Switzerland Innovation Park Basel Area
 - Site Novartis Campus
 - Site Allschwil
 - Site Jura
 - Office Basel-stadt