

September 22, 2020

—
A Virtual Conference

Programme

WIRED
Health: *Tech*

Welcome to the inaugural WIRED Health:Tech, which explores the science, technology and ideas powering the future of patient care. Hear from the scientists, medical practitioners and innovators behind the most exciting breakthroughs in health.

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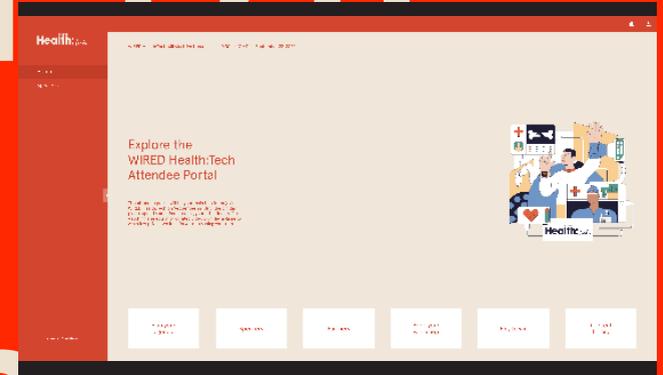
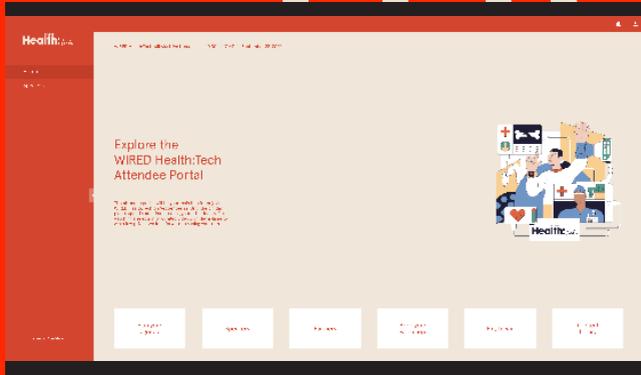
out surgical robots in the UK, Europe and India. We'll also hear from some of the most important and authoritative voices during the COVID-19 pandemic, like **Agnes Binagwaho**, vice chancellor at the University of Global Health Equity; and **Heidi Larson**, the head of the Vaccine Confidence Project at the London School of Hygiene and Tropical Medicine. The programme also includes an interactive workshop co-hosted by Roche, and a startup-focused panel with Barcelona Tech City. We have designed this programme as a series of thought-provoking perspectives and hope you enjoy the prepared schedule. Thank you for joining us at this event.



João Medeiros

Log in to

the portal



to watch the

broadcast

Useful information

Read these pages for key information about WIRED Health: Tech



The event

WIRED Health:Tech will be broadcast live on September 22, 2020, starting at 10:30AM BST. The programme runs as two 90-minute segments – available to all registered attendees. All Access Pass holders will be able to join the Roche workshop or the Webinar Panel for startups.



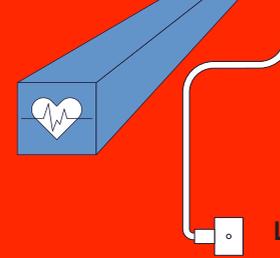
Internet and quality

Although WIRED has invested in a stable and well-produced live broadcast platform, as with all virtual conferences, your internet speed impacts the quality of the broadcast. We advise shutting down all applications using your home internet – especially streaming and heavy downloads.



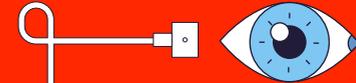
Log in early

Registered attendees will be sent their login details at least the day prior to the event – we recommend that you log in and familiarise yourself with the portal in order to ensure a smooth experience. If you haven't received your details, email wiredevents@condenast.co.uk.



Live broadcast

WIRED is delighted to broadcast the show live from London. With the exception of two speakers (due to early morning scheduling), all are logging in and presenting live and without editing – as we would all WIRED events. Log in live with us, to get the full experience of 'being in the same room together'.



Viewing directions

Log in to the CrowdComms platform. Upon successful registration and log in, the live broadcast video should be the first thing that you see.

@WiredUK @WiredInsiderUK #WiredHealth

Agenda for September 22, 2020

> September 22, 2020 <

First segment

10.30 BST

Welcome remarks

Greg Williams, Editor-in-chief, WIRED

10.35 BST

Smarter machines, more humanistic medicine

Eric Topol, Founder and Director, Scripps Research Translational
Institute and Professor of Molecular Medicine, Scripps Research

10.50 BST

Culture, perception and trust: Exploring global responses to vaccines

Heidi Larson, Professor of Anthropology, Risk and Decision
Science, London School of Hygiene & Tropical
Medicine, and Director, The Vaccine Confidence Project

First segment

11.05 BST

Fight against COVID-19: what's next?

Devi Sridhar, Professor and Chair of Global Public Health,
University of Edinburgh
Fireside chat hosted by João Medeiros

11.20 BST

Transforming healthcare with AI: reinventing the eye exam

Pearse Keane, NIHR Clinician Scientist, Institute of Ophthalmology, UCL

11.35 BST

How a global pandemic is helping an epidemic

Christofer Toumazou, Regius Professor of Engineering,
Imperial College London

11.45 BST

Fighting COVID-19 with technology

Indra Joshi, Director of AI, NHSX
Christofer Toumazou, Regius Professor of Engineering, Imperial College London
Moderated by Jack Kreindler, Founder, CHHP

12.10 BST

Closing remarks

João Medeiros, WIRED Health Curator

12.30 BST

Partner workshop: How to build user trust while iterating your digital health product

Niaz Jalal, Global Head, Digital Health Technologies, Product Development, Roche



Digital health products won't build patient trust until they deliver on their promise. Yet the best digital health products will be the ones built on a close relationship with users and a continuous supply of their data. Hosted by WIRED and Roche, this 60 minute session will examine how to use real time analytics to educate and inform, add value and enrich relationships with users – while iterating your product to become best-in-class.

@WiredUK @WiredInsiderUK #WiredHealth

Second segment

14.30 BST

Welcome remarks

Victoria Turk, Features Editor, WIRED UK

14.35 BST

The Rwandan experience: Innovation in prevention and treatment

Agnes Binagwaho, Vice Chancellor, University of Global Health Equity

14.50 BST

The race for a COVID-19 vaccine

Tal Zaks, Chief Medical Officer, Moderna

Ugur Sahin, CEO and Co-Founder, BioNtech

Hosted by Victoria Turk, Features Editor, WIRED UK

15.15 BST

Partner Keynote: Combining science and technology: Adoption of digital in healthcare

Pravene Nath, Global Head for Digital Health Strategy, Roche

15.30 BST

It's time to get rid of the scars

Mark Slack, Chief Medical Officer and Co-Founder, CMR Surgical

15.45 BST

Real-world applications: How genome editing is changing the future

Jennifer Doudna, Biochemist at UC Berkeley, Founder of the Innovative Genomics Institute, co-inventor of CRISPR technology

16.00 BST

Closing remarks

Victoria Turk, Features Editor, WIRED

16.15 BST

Webinar panel: Healthcare innovation and startups in the digital age

Maria Lluch-Senar, Co-founder and CSO, Pulmobiotics

Benjamin Lewis, Founder & CEO, Limbix

Laura Soucek, CEO and Co-founder, Peptomyc

Introduction from Miquel Marti, Barcelona Tech City

@WiredUK @WiredInsiderUK #WiredHealth

What makes a WIRED Health speaker special?

Each year, the WIRED Health curator designs an event around the emerging trends in health, featuring hand-picked speakers who are making great strides to change the industry for the better.

Meet the 2020 Speaker Faculty

Jennifer Doudna
Biochemist at UC Berkeley, Founder of the Innovative Genomics Institute, and co-inventor of CRISPR technology

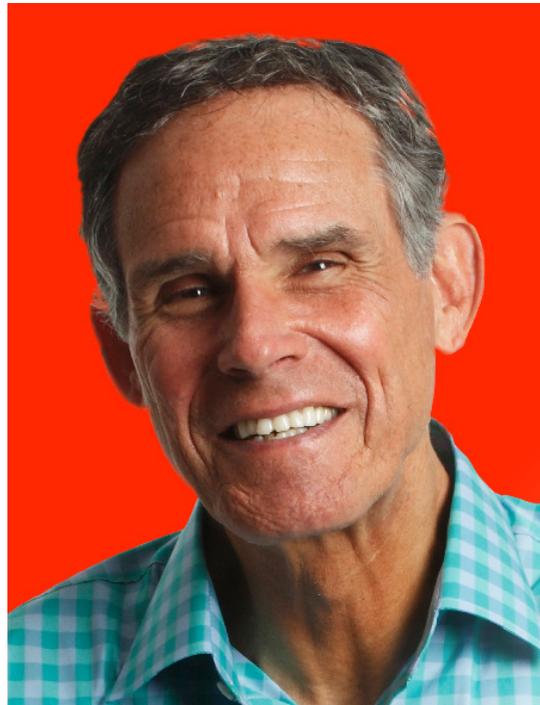
Doudna and her colleagues rocked the research world by first describing a simple way of editing the DNA of any organism using an RNA-guided protein found in bacteria. This transformative technology, called CRISPR-Cas9, is revolutionising the fields of agriculture and medicine.



Eric Topol

**Founder and Director,
Scripps Research
Translational Institute
& Professor of
Molecular Medicine,
Scripps Research**

Topol is a practicing cardiologist, scientist and author who is the Founder and Director of the Scripps Research Translational Institute and Executive Vice-President of Scripps Research. He has published three bestselling books on the future of medicine, including *Deep Medicine*, on the impact of artificial intelligence for healthcare.



Agnes Binagwaho
**Vice Chancellor,
University of Global
Health Equity**
Professor Binagwaho, MD, M(Ped), PHD worked as the Executive Secretary of Rwanda's National AIDS Control Commission, then as the Permanent Secretary of the Ministry of Health, and lastly as the Minister of Health for five years. She serves as Senior Advisor to the Director General of the World Health Organization and is named as one of the 100 Most Influential Africans.



Heidi Larson
**Professor of
Anthropology, Risk
and Decision Science,
London School of
Hygiene & Tropical
Medicine & Director,
The Vaccine
Confidence Project**
Larson is the director of the WHO's Vaccine Confidence Project™, an initiative tackling the anti-vax movement. Larson is the Principle Investigator of the project, ensuring deployment, acceptance and compliance of an Ebola vaccine trial in Sierra Leone.



Christofer Toumazou
Regius Professor of Engineering, Imperial College London

Toumazou is a multi-award-winning tech entrepreneur, and founder of the Institute of Biomedical Engineering at Imperial College London.

Toumazou successfully adapted his world-first consumer genetics technology for healthier choices, DnaNudge, and validated it for detecting COVID-19, resulting in a UK government order for 5.8 million rapid CovidNudge test kits.



Indra Joshi
Director of AI, NHSX

Dr Joshi oversees the digital health initiatives within the NHS with a focus on data, digital health standards, evidence and AI policy. She has a unique portfolio with experience stretching across policy, digital health, national project strategy and implementation, while remaining true to her professional training as an emergency medic.



Pearse Keane
NIHR Clinician Scientist, Institute of Ophthalmology, UCL

Keane leads a research group focused on the development and application of artificial intelligence in healthcare. In 2016, he initiated a formal collaboration between Moorfields Eye Hospital and Google DeepMind, with the aim of developing artificial intelligence algorithms for the earlier detection and treatment of retinal disease.



Devi Sridhar
Professor and Chair
of Global Public
Health, University
of Edinburgh

Sridhar is the founding Director of the Global Health Governance Programme and holds a Wellcome Trust Investigator Award. Her books include *Governing Global Health: Who Runs the World and Why?* (OUP, 2017) and *The Battle against Hunger: Choice, Circumstance and the World Bank* (OUP, 2007) and she has published in *Nature*, *Science*, and the *New England Journal of Medicine*.



Pravene Nath
Knowledge
Partner Speaker;
Global Head for
Digital Health
Strategy, Roche
Nath, an MD in emergency medicine, oversees the commercial deployment of digital health tools on market in partnership with Roche Affiliates globally. Prior to Roche, Nath was the Chief Product Officer and SVP of solutions and healthcare operations at Mindstrong Health.



Niaz Jalal
Knowledge Partner
Workshop Leader;
Global Head for
Digital Health
Technologies, Product
Development, Roche
Jalal oversees the inception and R&D of digital health tools across therapeutic areas. He brings nearly 20 years' experience successfully managing development of mobile devices and apps end-to-end throughout the product life cycle, particularly through validation and scale-up.

Mark Slack
Chief Medical Officer
and co-Founder,
CMR Surgical

Slack is a consultant gynaecologist, an entrepreneur, and the co-founder and Chief Medical Officer of CMR Surgical. The British medical technology company is behind the next-generation surgical robotic system Versius – a surgical robotic system that supports surgeons to carry out minimally invasive keyhole surgeries and procedures.



Jack Kreindler
Moderator
Founder, CHHP

Kreindler is a doctor, serial technology entrepreneur, and international thought leader on the future of life science and medicine. Having trained at UCL in Medicine and Physiology, and after practicing in Emergency Medicine and High Altitude Physiology, in 2007 Jack founded The Centre for Health and Human Performance.



Tal Zaks
Chief Medical
Officer, Moderna

As Chief Medical Officer, Tal Zaks oversees clinical development and regulatory affairs across Moderna. Prior to joining Moderna, Dr Zaks was senior vice president and head of Global Oncology at Sanofi, where he was responsible for all aspects of oncology drug discovery, development and commercialisation.

Ugur Sahin
**Co-founder and
CEO, BioNTech**

In 2008, Professor Sahin MD, co-founded BioNTech, a next generation immunotherapy powerhouse pioneering individualised immunotherapies. He also served as the head of the Scientific Advisory Board of Ganymed Pharmaceuticals AG, and in 2010, co-founded TRON, the Translational Oncology at the University Medical Center of the Johannes Gutenberg University Mainz.



Victoria Turk
**Features Editor,
WIRED UK**

As Features Editor at WIRED UK, Turk oversees longform stories in print and online. She regularly writes stories at the intersection of technology and culture, and hosts the weekly WIRED podcast. Her book *Digital Etiquette*, a humorous and practical guide to modern manners, was published in 2019.



João Medeiros
**Curator of
WIRED Health**

Medeiros is a journalist and the author of *Game Changers: How a Team of Underdogs and Scientists Discovered What it Takes to Win*. Prior to this, Medeiros was the Science Editor and Features Editor at WIRED UK.

Webinar panelists



Maria Lluch-Senar,
co-founder and
CSO, Pulmobiotics

Lluch-Senar is a Professor at International University of Catalonia and co-founder of Pulmobiotics, which uses bacteria to treat respiratory diseases.



Benjamin Lewis,
Founder &
CEO, Limbix

Lewis is an experienced entrepreneur who started Tapjoy and Karma Science before founding Limbix, a mental health platform supporting adolescents.



Laura Soucek, CEO
and Co-founder,
Peptomyc

Soucek is a cancer research expert specialised in Myc inhibition strategies, and the founder and CEO of Peptomyc S.L., which treats cancer with anti-Myc peptides.



Miquel Martí, CEO,
Barcelona Tech City

Martí has been the head of Barcelona Tech City since 2013. With a degree in Industrial Engineering from the UPC and an MBA from ESADE, Martí and his team are dedicated to making Barcelona a leading tech hub.

Event Partners

Knowledge Partner Roche

Roche is a global pioneer in pharmaceuticals and diagnostics focused on advancing science to improve people's lives. The combined strengths of pharmaceuticals and diagnostics under one roof have made Roche the leader in personalised healthcare – a strategy that aims to fit the right treatment to each patient in the best way possible.

Roche is the world's largest biotech company, with truly differentiated medicines in oncology, immunology, infectious diseases, ophthalmology and diseases of the central nervous system. Roche is also the world leader in in vitro diagnostics and tissue-based cancer diagnostics, and a frontrunner in diabetes management.



Supporting Partner Ettinger

Founded in 1934, Ettinger has established its reputation as one of the finest leather goods manufacturers and leather accessories brands in Britain today. Still family-owned, it was granted a Royal Warrant By Appointment to HRH The Prince of Wales in 1996.



Association Partner Barcelona Tech City

Barcelona Tech City is a private non-profit organisation open to all Barcelona based members of the local and global technology ecosystem, and is a project driven by local entrepreneurs that currently represents more than 1,000 businesses.



Supporting Partner ARPER

Arper is a leading Italian company that creates chairs, tables, and furnishings for community, work and home. We're motivated by relationships: between products and spaces; spaces and people; and people and their networks.



Supporting Partner THE STEM

The Stem is an online platform offering high-quality indoor plants across London. Plants are delivered to your door via electric van at a time of your choice, and plant parents receive guidance on caring for their greenery.

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wired.uk/health-tech

A Virtual Conference

October 13-15,
2020

This live broadcast will cover:
Retail
Growth
Money
Post-COVID consumer trends
New economics
Future of work
Technology
Resilience



wired.uk/smarter

WIRED
Smarter.

Turning Disruption into Strategy
Curated by the award-winning WIRED editorial team, WIRED Smarter is a compelling virtual programme, which investigates the critical themes and topics facing senior-level executives in today's fast-changing landscape.

Knowledge Partners

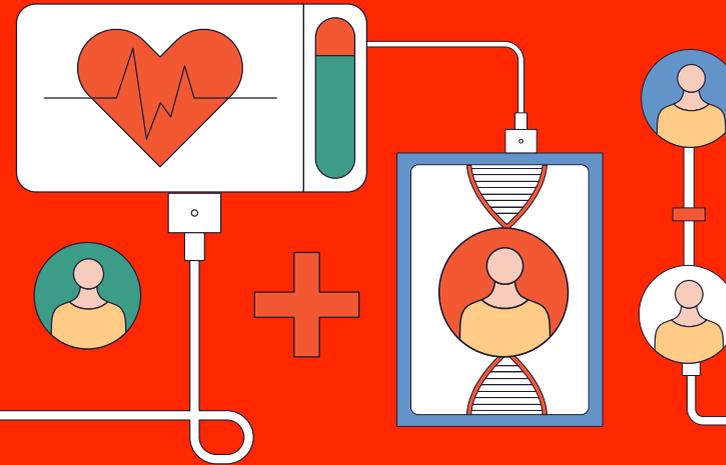


Attending companies



- ABHI
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- Ada Health
- Adelina Peltea**
- Ancora.ai
- Aspen Advisory Services Ltd**
- BCGDV
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- Biophys Ltd
- BioViva USA Inc**
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- SciTech**
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- COTY**
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- DLI**
- Doctorpreneurs
- DWP**
- EDT Partners
- EMG Health**
- Executive Insight Healthcare Consultants Ltd
- Exponential Medicine**
- FADE
- Falkora**
- Frisq UK**
- Future Care Capital
- Glowing Potential**
- GSK
- Harboring Hearts**
- Havas Lynx Group
- Healx**
- Immersive Rehab
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- Intuitive Foundation**
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- John Caunt Scientific**
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- MindTech, University of Nottingham**
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- National Institute for Health Research, UK**
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- Zoetis UK Ltd

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Greg Williams
Editor-In-Chief



Andrew Diprose
Group Creative Director



Mike Dent
Managing Editor



Victoria Turk
Features Editor



Nick Sargent
Publishing Director



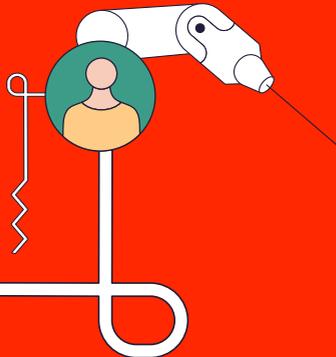
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Group Head of Revenue, Digital and Brand



Kim Vigilia
Head of Strategy and Experience



Christopher Warren
Sponsorship Director



James Temperton
Digital Editor



João Medeiros
WIRED Health Curator



Jessica Taylor
Events Marketing Manager



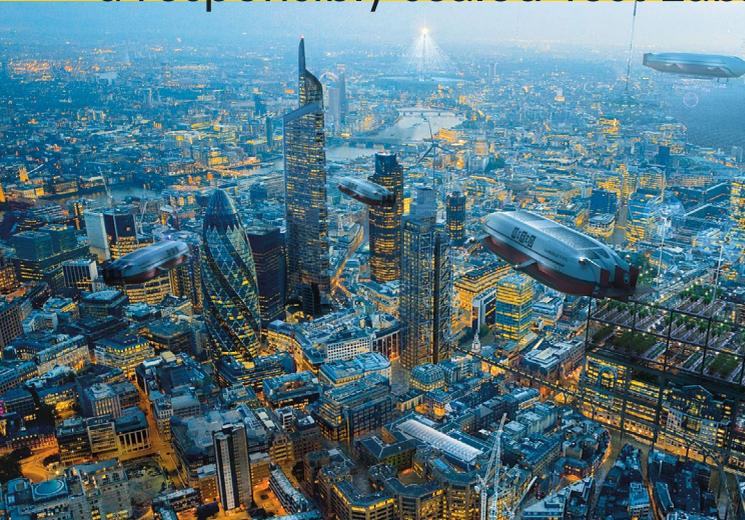
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Client Account Delivery Manager



Annie McGill
Events and Marketing Co-ordinator

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WIRED Live will retain the rare combination of WIRED's journalistic eye, diverse programme, and connections with innovators, designers, strategists and entrepreneurs whilst designed to respect socially distant requirements and personal comfort levels.

Virtual and in London, UK

This hybrid conference will explore some of the most fascinating innovation, design, ideas, business and technology changing our world and the way we live.

November 24,
2020

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WIRED Events.

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**WIRED Smarter
October 13-15,
2020**

wired.uk/smarter
WIRED Smarter's annual B2B event explores the nascent trends in business, retail, money, the future of work and sustainability. This year's speaker faculty includes barrister Cherie Blair, SWAY author Pragma Agarwal, IKEA chief digital officer Barbara Martin Coppola and Black Girl Ventures founder Shelly Bell.

WIRED
Live.

**WIRED Live
November 24,
2020**

wired.uk/wired-live
WIRED Live – the inspirational festival bringing the WIRED brand to life – is for innovators, entrepreneurs, strategists and designers. An editorially curated programme of top level, big idea talks will offer participants a multi-faceted perspective on the future of technology, design and culture.

WIRED
Health.

**WIRED Health
March 31, 2021**

wired.uk/health-event
WIRED Health explores and maps the future of health, highlighting the thought-provoking disruptors, scientists and practitioners blazing trails in how we access and improve healthcare.

WIRED
Events.

**WIRED Foresight
Series
Ongoing**

wired.uk/virtualbriefings
WIRED Foresight with Greg Williams continues its curated discussions with key influencers and innovators across business, science, technology and politics.

WIRED
Health: *Tech*
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