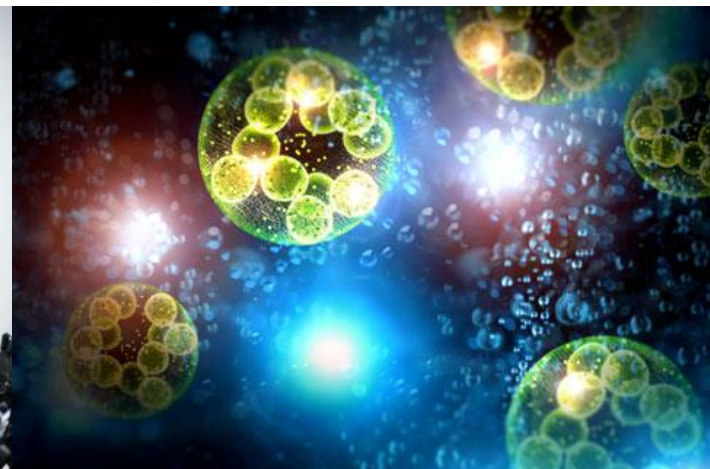




**Academy
Programmes**

2021



Academy Programmes

2021

Academy Programmes are thematic, target-oriented and coordinated research programmes that cover a range of activities to support innovative, high-quality and high-impact research and promote international and national research cooperation as well sustainable development.

The topics of Academy Programmes are science-driven and emerge from key research needs in society identified through foresighting.

Academy Programmes have different focuses:

- advancing emerging fields of research
- supporting research related to societal challenges
- promoting national and international funding cooperation
- supporting Finnish researchers in seeking international collaborations and funding opportunities
- influencing the contents of international funding calls.





Climate change

Energy



Media

Artificial Intelligence



Environment



Digitalization



Pandemics



Emerging technologies

Academy Programmes

2021

New programme:

RESILIENCE– Pandemics and Other Crises – Responses and Preparedness 2021–2023 »



R'Life
Molecular Regulatory
Networks of Life
2020–2023 »



CLIHE
Climate Change
and Health
2020–2023 »



RADDESS
Radiation Detectors
for Health, Safety and
Security 2018–2022 »



DEVELOP
Programme for
development research
2018–2022 »



pHealth
Personalised
Health – From
Genes to Society
2015–2022 »



BioFuture2025
2017–2021 »



Romulus
Critical Materials in
Circular Economy of Cities
2022–2025 »



MediaSoc
Media and
Society
2019–2022 »



MISU
Mineral Resources and
Material Substitution
2014–2021 »



TERVA
Health from
Science
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C1 Value
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AIPSE
Novel Applications of
Artificial Intelligence in
Physical Sciences and
Engineering Research
2018–2021 »



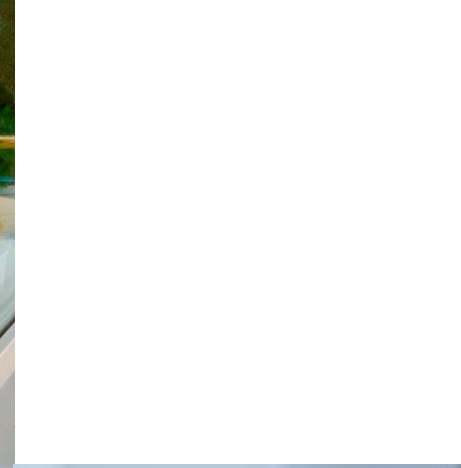
DIGIHUM
Digital
Humanities
2016–2022 »

RESILIENCE

Pandemics and Other Crises – Responses and Preparedness

The programme supports and accelerates research on the COVID-19 pandemic and other societal crises and its utilisation in society. The programme supports research on the mitigation of the effects of pandemics and other crises as well as crisis preparedness. The programme comprises research projects that have already been funded.

Academy funding: appr. 50 M€
www.aka.fi/resilience



R'Life

Molecular Regulatory
Networks of Life
2020–2023

R'Life seeks to broaden our understanding of the regulatory networks of organisms by generating new information on the key regulatory mechanisms of cells, individuals and populations through the latest advances in molecular biology and effective use of research infrastructures.

Academy funding: 8 M€
www.aka.fi/rlife

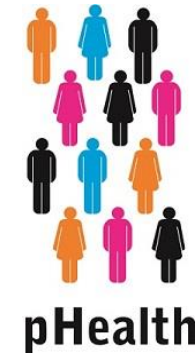


pHealth

Personalised Health – From Genes to Society 2015–2022

pHealth studies personalised medicine as a completely new approach to understanding, categorising, diagnosing, preventing and treating diseases and promoting good health.

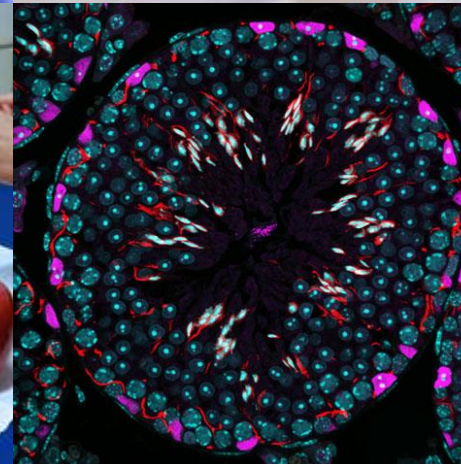
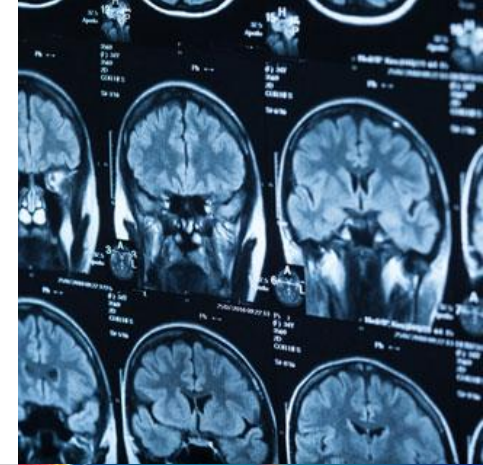
Academy funding: 13.9 M€
www.aka.fi/phealth



TERVA Health from Science 2018–2022

TERVA seeks bold, new research initiatives that aim to solve health issues related to major public health diseases. The programme is carried out in collaboration with foundations that fund medical research.

Academy funding: 10 + 2.4 M€
www.aka.fi/terva



CLIHE

Climate Change and Health
2020–2023

CLIHE aims to produce new information to help forecast the effects that climate change has on health, prevent harmful impacts on health and adapt to climate change.

The programme seeks to find better more in-depth ways to analyse short-term and long-term impacts on health and to develop assessment techniques.

Academy funding: 9 M€
www.aka.fi/clihe



BioFuture2025

2017–2021

BioFuture2025 is geared towards laying the foundation for next-generation bioeconomy solutions, practices and technologies. The programme also explores the societal implications of shifting to a biobased economy.

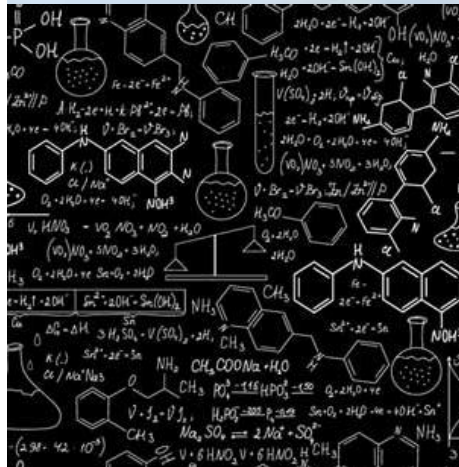
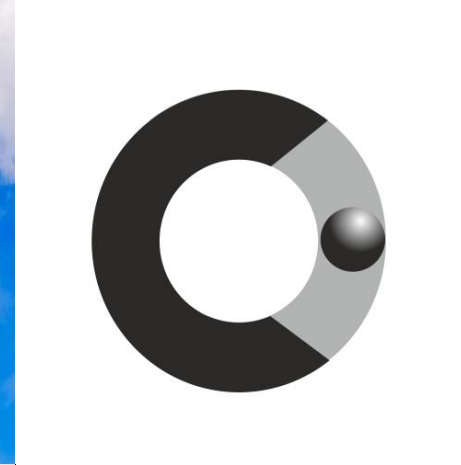
Academy funding: 13 M€
www.aka.fi/biofuture2025



C1 Value 2020–2023

C1 Value aims to create new solutions for the conversion of C1 compounds into raw material and for the capture of carbon dioxide. Carbon neutrality can be achieved not just by cutting carbon emissions but also by promoting solutions that reduce the volume of carbon compounds in the atmosphere.

Academy funding: 6 M€
www.aka.fi/c1value

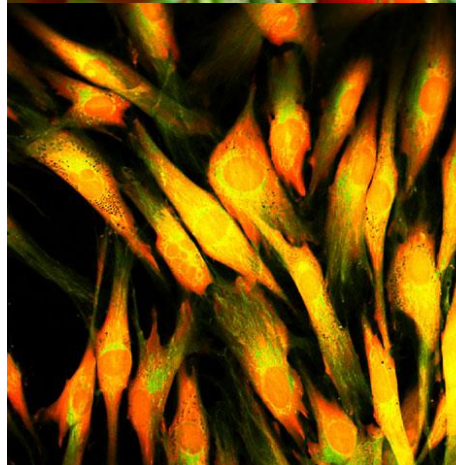
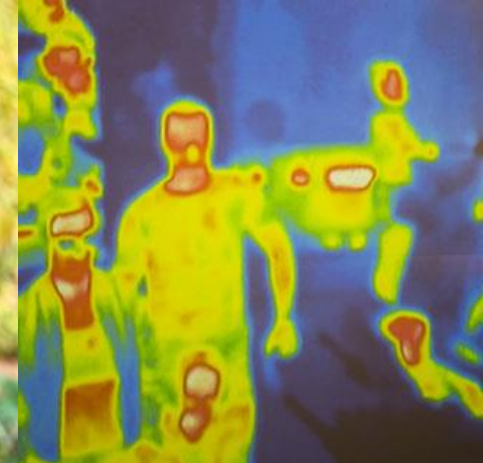
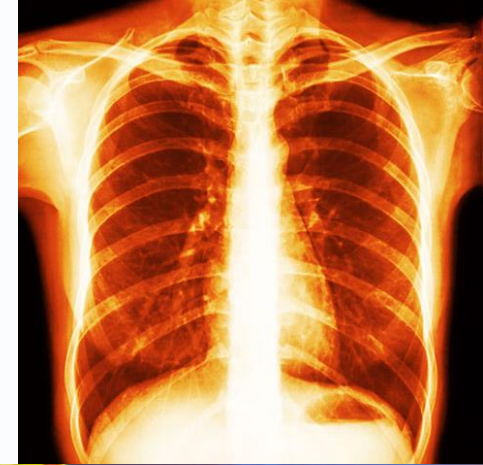
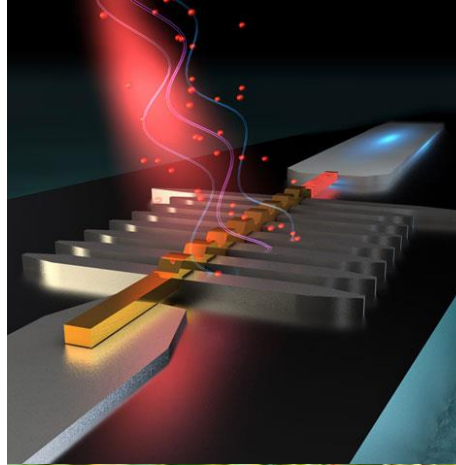


RADDESS

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Health, Safety and Security
2018–2022

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Academy funding: 12 M€
www.aka.fi/raddess



Romulus

Critical Materials in Circular Economy of Cities 2022–2025

Romulus explores the occurrence and chemical composition and properties of critical metals, integrating this with research on the circular economy of cities. The programme examines processes, products and services that are based on sustainable development.

Academy funding: 7 M€
www.aka.fi/romulus



MISU

Mineral Resources and Material Substitution 2014–2021

MISU aims to find sustainable solutions to challenges facing the extractive industries by taking a multidisciplinary approach to studying primary mineral resources, materials efficiency and recycling, and material substitution.

Academy funding: 13 M€
www.aka.fi/misu

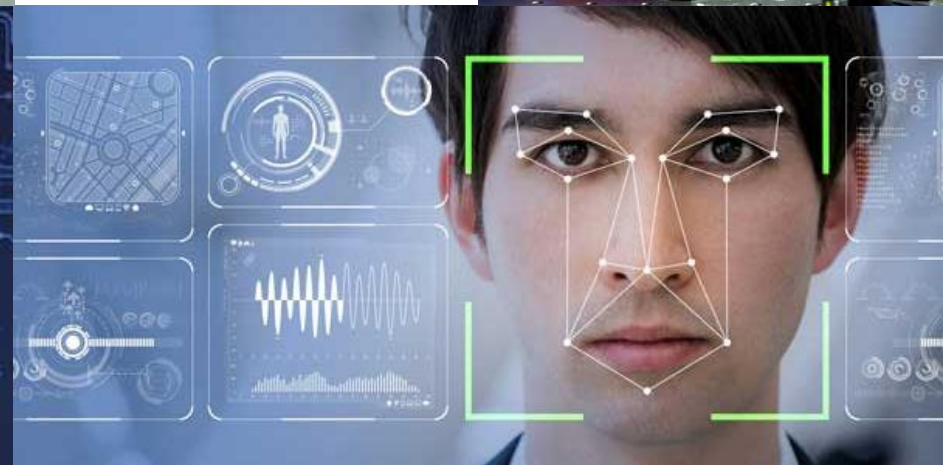
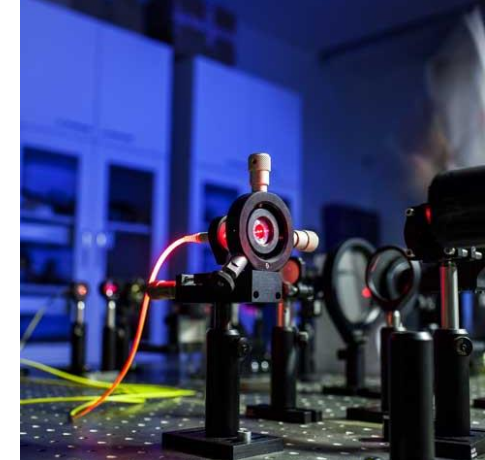


AIPSE

Novel Applications of Artificial
Intelligence in Physical Sciences
and Engineering Research
2018–2021

AIPSE seeks new forms of research
collaboration, scientific
breakthroughs and novel
applications of AI in physical
sciences and engineering.

Academy funding: 13.2 M€
www.aka.fi/aipse



DEVELOP

Programme for
development research
2018–2022

Develop increases understanding of global development obstacles and finds ways in which those obstacles can be removed. The programme is funded together with the Ministry for Foreign Affairs of Finland.

Academy funding: 3+6 M€

www.aka.fi/develop



MediaSoc Media and Society 2019–2022

The media play an increasingly important and unpredictable role in the sphere of society and culture. MediaSoc identifies, analyses and explains concepts, phenomena and trends in this context, and expands the horizon for societal choices and solutions.

Academy funding: 8 M€
www.aka.fi/mediasoc

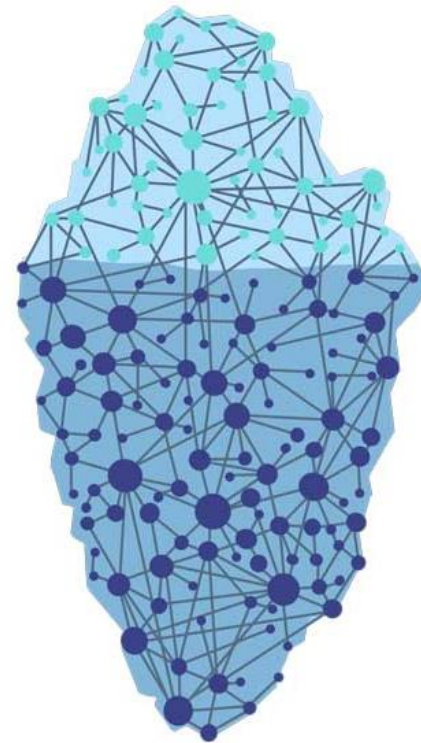


DIGIHUM

Digital Humanities
2016–2022

DIGIHUM is designed to address novel methods and techniques in which digital technology and state-of-the-art computational science methods are used for collecting, managing and analysing data in humanities and social sciences research.

Academy funding: 8.7 M€
www.aka.fi/digihum



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More information:

www.aka.fi/programmes

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