## novo <br> nordisk <br> fonden



## The Novo Nordisk

Foundation's vision is to contribute significantly to research and development that improves the lives of people and the sustainability of society.

## Novo Nordisk Foundation

Funding public research for more than 90 years
Since 1927, the Novo Nordisk Foundation has awarded grants to researchers at universities and hospitals in Denmark and the other Nordic countries. Today, the Foundation supports research in biomedicine, biotechnology, general practice, nursing, art history and scientific objectives within innovation, education and outreach as well as humanitarian and social purposes.

## Advocating public research

This brochure presents some highlights from the annual impact report showing the Foundation's input of resources and the subsequent effects on research, health and companies.

## Key impact

## input, activities, output \& outcome


payouts from the Foundation


The Foundation has four grant-giving models and several grant instruments. As part of the Founda tion's strategy, the total payout has increased for all grant-giving models and grant instruments used by the Foundation between 2014 and 2019.
of public research was funded by the Foundation


## Supporting people in science

 and knowledge creationThe number of people funded fully or partly by the Foundation, distributed between early career researchers and more senior researchers

## 11 percentage points

increase from 2018 to 2019
in the of the share of young researchers in science supported by the Foundation

2019
4,087
Number of people
fully or partly funded by the Foundation


## Supporting people in science and knowledge creation

Increase in number of people fully or partly supported by the Foundation, 2014-2019


The Foundation aims to support the development of talents and that institutions can attract talented researchers from other countries at all career stages to Denmark. In 2019, the Foundation fully or partly funded 4,087 people within science or research hospital settings.

jobs in science

- Other people in science
- $\begin{gathered}\text { PhD students } \\ \text { Postdoctoral fllows }\end{gathered}$
of journal articles
published in 2014-2018 were co-authored with international collaborators

Total number of publications published by recipients of Foundation grants, 2014-2019


The Foundation aims to support research excellence, research collaboration and knowledge creation in all fields of science. In 2019, grant recipients reported almost 2,800 publications. Of the publications published from 2014 to 2019 funded by the Foundation, about $80 \%$ were journal articles (research articles and reviews) and $20 \%$ were other publications, such as policy papers, technical reports, letters and book chapters.

The number and share of journal articles by Foundation grant recipients among the top 1\% and $10 \%$ most frequently cited journal articles in the world, 2009-2017

## 23\%

of the journal articles are in the top $10 \%$ most frequently cited journal articles in 2015-2017


The Foundation tracks the share of Foundation-funded journal articles among the $1 \%$ and $10 \%$ most frequently cited journal articles worldwide. The Foundation-funded research maintains a steady fraction (4\%) of the top $1 \%$ of global research according to this citation impact measure.

## 4\%

of journal articles published are among the top $1 \%$ most frequently cited in the world.


60\%
of the funded research teams in open-competition grants produce a journal article among the 10\% most frequently cited worldwide.

Wif


Using knowledge in education, outreach and policy contribution

Foundation-funded grants
delivered knowledge to
education, the general public and policy in 2019


## Course activity

$25 \%$
of grants
include course activities

22,000
people reached


Outreach
28\%
of grants
include outreach activities

300,000
people reached


Policy
305
contributions
to policy and practice reported by 127 grants during 2015-2019

73
members of policy bodies

Foundation-supported grants turn research and discoveries into medical interventions, new technologies, treatments for diseases, clinical trials, health interventions and diagnostics, products and clinical guidelines.

9,595 people are enrolled in the 26 clinical trials registered

## 枋

|  |  | Clinical trials |  |
| :---: | :---: | :---: | :---: |
|  |  | - | 2 |
| 26 |  | - | 4 |
| clinical trials registered | $\rightarrow$ | - | 2 |
| on clinicaltrials.gov |  |  | 5 |
|  |  |  | 13 |

Clinical guidelines and treatment
recommendations citing
Foundation-funded research

## 24\%

of 800 guidelines
that cover three areas of disease - diabetes, cardiovascular diseases and cancer - cite Foundation-funded journal articles


48 commercial products can be directly or indirectly linked to Foundation-funded journal articles

2,238
patent documents
cite Foundation-funded
journal articles from 1994 to 2017



800,000 people have received development aid or humanitarian aid

Amount awarded by the Foundation for education, health and social causes, distributed geographically, 2014-2019

Amount awarded by the Foundation for acute humanitarian interventions distributed geographically, 2014-2019


## Sustainable Development Goals

In 2014-2019, the Novo Nordisk Foundation's grant-awarding activities led to actions that support the 17 UN Sustainable Development Goals (SDGs). Most grants have relevance for up to three SDGs each. SUSTAINABLE
DEEVIOMENT
GGALS

| 1 movery <br>  | 160 grants 88 dкк million |  | $\begin{aligned} & 13 \text { gants } \\ & 4 \text { Dkk nilion } \end{aligned}$ | 13 anam <br> (2) | $\begin{aligned} & 39 \text { ganus } \\ & 245 \text { oxk milion } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $311$ | 122 gans <br> 52 oxkmilion |  | $\begin{aligned} & 975 \text { gants } \\ & 1,799 \text { okk milion } \end{aligned}$ | $\overbrace{-1}^{14}$ |  |
|  | $\begin{aligned} & 1,665 \text { gans } \\ & 5,052 \text { oxkmandion } \end{aligned}$ | $9$ | $\begin{aligned} & 2,162 \text { ganis } \\ & 6,969 \text { ork miliuon } \end{aligned}$ |  | 76 grants 64 DKK million |
|  | $\begin{aligned} & \begin{array}{c} 1,138 \text { gans } \\ 1,866 \text { okxmilion } \end{array} \end{aligned}$ |  | $\begin{aligned} & 137 \text { gants } \\ & 201 \text { okk milion } \end{aligned}$ |  |  |
| $5$ |  |  | $\begin{gathered} 7 \text { gens } \\ 1 \text { porkniluan } \end{gathered}$ | $8^{17}$ | $\begin{aligned} & 188 \text { ganas } \\ & 4,367 \text { oxkmimon } \end{aligned}$ |

## Benefiting people and society

## Novo Nordisk Foundation

