

# TALENT GRANTS

JUNE 17<sup>TH</sup>, 2021  
RESEARCH SUPPORT OFFICE  
AARHUS UNIVERSITY

# AGENDA

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- *Presentation of selected talent/career grants*
- *Postdoc grants opportunities*
- *Q & A*



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# TALENT/CAREER GRANTS



# TALENT GRANTS – CAREER PATH

## Postdoc opportunities

- Carlsberg
- Novo Nordisk Foundation
- Lundbeck
- IRFD international postdoc
- Marie Skłodowska Curie
- IFD Industrial postdoc
- etc...

## Establishing

- Villum Young Investigator
- Lundbeck Fellowship
- IRFD Sapere Aude
- NNF Emerging Investigator
- ERC Starting Grant
- Carlsberg Young Researcher Fellow

## Consolidating

- NNF Young Investigator Award
- Lundbeck Ascending Investigator
- NNF Ascending Investigator
- ERC Consolidator Grant

## Advancing

- Villum Investigator
- Lundbeck Professor
- NNF Distinguished Inv.
- ERC Adv. Grant

# VILLUM YOUNG INVESTIGATOR

## Villum Young Investigator

*Establishing*

PhD age: 2-8 years

Duration: Up to 5 years

Grant size: 6 or 8 mio. DKK

(0.94 – 1.34 mio. EUR)

Deadline: June 9th, 2021

*Applicants may apply a total of two times in total (2020 and 2021)*

~15-20 grants

## Early career grant

(group forming, i.e. one PhD, one postdoc in addition to applicant)

### *You are not eligible...*

... when offered a Villum Young Investigator Grant if you have already received an ERC Starting Grant, Sapere Aude Research Leader Grant, Novo Nordisk Hallas-Møller Investigator Grant, Carlsberg Foundation Distinguished Fellowships or similar grant targeting young promising research leaders for establishing their own research group and profile.

## Basic and/or technical science

### *We do not support...*

... health or veterinary research, i.e. research focused on the health of humans and animals, including nutrition, medicine, biomedicine, pharmacology and research within diagnostics and methods for examination and treatment.

## EVALUATION

### Letter of support very important!

(scientific qualifications, tenure-track possibility, department strategy, etc.)

### Committee:

- Mechanical and electrical engineering
- Physics
- Molecular Biology and Biochemistry
- Mathematics
- Geoscience & Natural Resource Management
- Nanoscience (Prof. Duncan Sutherland, iNANO, AU)
- Material Science



# LUNDBECK FELLOWS

## Fellows

*Establishing*

PhD age: max 8 years

Duration: 5 years

Grant size: 10 mio. DKK  
(1.34 mio. EUR)

Deadline: September 2

~7-10 grants

## Early career grant

*Applicants may NOT Already hold, or receive within the same year, a major Danish or international starting grants similar to a Lundbeck Foundation Fellowship*

## Research focus

*The project proposes frontline clinical, translational or basic research within the fields of biomedical, clinical or health science, or facilitates research within these fields.*

## EVALUATION

### Letter of support

(scientific qualifications, tenure-track possibility, department strategy, etc.)

### Letter of Intent

(mentoring in the establishment of a research group)

### LF Grants & Prizes Panel:

- Neurology
- Cancer
- Clinical medicine
- Psychiatry and ageing
- Pharmacology



# IRFD – SAPERE AUDE

## Sapere Aude

*Establishing*

PhD age: max 8 years

Duration: 4 years

Grant size: 4.3 mio. DKK  
(577.000 EUR)

32 grants

Deadline: March 24

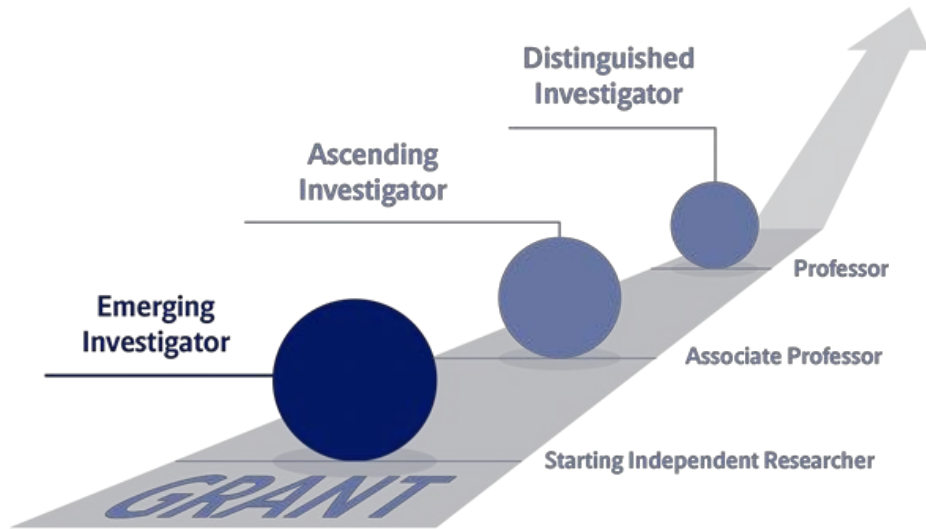
**DFF-Starting grant** is aimed at providing excellent younger researchers the opportunities to develop and strengthen their research ideas and build a research group.

## Evaluation proces

Council members are all experienced researchers – but not necessarily directly within your field!



# NNF EMERGING INVESTIGATOR



## Overall research themes

Industrial and Environmental Biotechnology

Plant Science, Agriculture and Food Biotechnology

Data Science (DS)

Bioscience and Basic Biomedicine

Clinical Emerging Investigator





# NNF EMERGING INVESTIGATOR

## Emerging

### Establishing

PhD age: 4-8 years

Duration: 5 years

Grant size: 10 mio. DKK

(1.34 mio. EUR)

Deadline: Early January

~4 grants pr. theme

### *The Emerging Investigator profile*

*...for talented researchers typically at the senior postdoc, assistant professor or associate professor (time limited) or equal level.*

*...intended for researchers who have matured to a point where they are ready to start their own independent research group, or existing group leaders in the early phase of starting their group.*

*It is expected that the applicants have first-authored peer-reviewed research papers with a high impact and preferably also one paper as senior author.*

## **EVALUATION**

### Letter of support

(scientific qualifications, tenure-track possibility, department strategy, etc.)

**Seperate evaluation committees.**



# NNF EMERGING INVESTIGATOR

Bioscience and basic biomedicine	Endocrinology and metabolism	Industrial or environmental biotechnology and plant science, agriculture and food biotechnology	Clinical emerging Investigator
<p>Biology Physiology Nanotechnology Pharmacology Microbiology Exzymology Biomedicine Biochemistry Immunology Molecular Biology Metabolism Bioinformatics Model systems Neuroscience</p>	<p>Physiology Biochemistry Molecular-Biology Endocrinology Pharmacology Neuroscience Metabolism Clinical research</p>	<p>Biotechnology Food science Environmental science Plant science Biochemistry Biology Physical chemistry Chemistry Data science</p> <p><b><u>NNF will not support:</u></b></p> <ul style="list-style-type: none"> <li>• Research focusing on livestock, livestock commodities and feed.</li> <li>• Research with a main component within nutritional uptake and metabolic effects of specific foods</li> </ul>	<p>Patients and disease related research translational and clinical research disease mechanisms treatment methods disease trajectories, epidemiology diagnostic methods public health and family medicine intervention studies register-based research, proof-of concept studies, pilot projects, initial clinical trials and clinical testing, biomedicine</p>

# NNF EMERGING INVESTIGATOR

**Emerging/Ascending**  
*Establishing/consolidating*  
PhD age: 4-8 vs. 7-15

Duration: 5 years

Grant size: 10 mio. DKK  
(1.34 mio. EUR)

Deadline: March

**6 grants**  
(across emerging, ascending, distinguished)

## EVALUATION

### Letter of support

(scientific qualifications, tenure-track possibility, department strategy, etc.)

### Data Science focus:

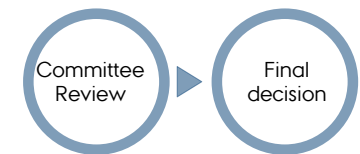
1. Development of new algorithms, methods and technologies within data science, artificial intelligence.
2. Applications of data science (as defined on the previous slide) within the Foundation's core scientific areas.

## Committee for Data Science

- Biochemistry
- Physics
- Molecular Biology
- Epidemiology and Medicine
- Molecular Medicine
- Mathematics
- Computer Science
- Computational Biology
- Bioinformatics
- Artificial Intelligence
- Medical Data Science

- Innovation and Entrepreneurship

\* Entirely international committee (no Danish researchers)



# NNF YOUNG INVESTIGATOR AWARD

## NNF Young Investigator Consolidating

Group leader: <7 years

Duration: 7 years

Grant size: 25 mio. DKK  
(3.36 mio. EUR)

Deadline: August 24 (stage 1)  
~ ultimo November (stage 2)

~4 grants

## Career grant

*.... for outstanding younger scientists to come to Denmark to expand their groundbreaking research programs.  
.... funding for independent early- to midcareer researchers who are ready to conduct larger and more ambitious studies*

## Research focus

*....any area of biomedical and/or biotechnological sciences.  
Research within biotechnology can be related to medical and/or non-medical uses of the technology*

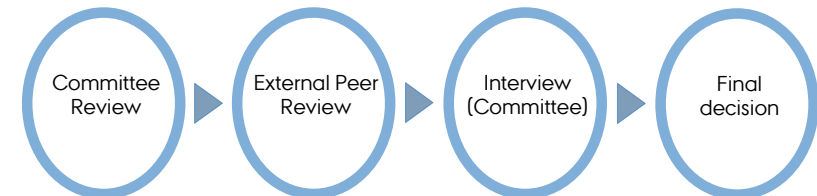
## EVALUATION

Stage 1 (up to 6 will be invited to stage 2)

- Usual focus (achievements, track-record, goals, scientific question etc.)
- Benefits of conducting the research in Denmark and consideration of the potential host institution

Stage 2

- Comprehensive research program proposal, including a description of the planned research group and plans for research collaboration
- Letter of commitment



# ERC STG/COG GRANT

## ERC StG

*Establishing*

PhD age: 2-7 years

Duration: 5 years

Grant size: 1,5 mio. EUR

Deadline: March 23rd  
2021

## ERC CoG

*Consolidating*

PhD age: 7-12 years

Duration: 5 years

Grant size: 2 mio. EUR

Deadline: April 8th 2021

## FOCUS

Bottom-up program

Single PI building a team

Groundbreaking research – NOT incremental!

Quarantine: B, C (step 1)

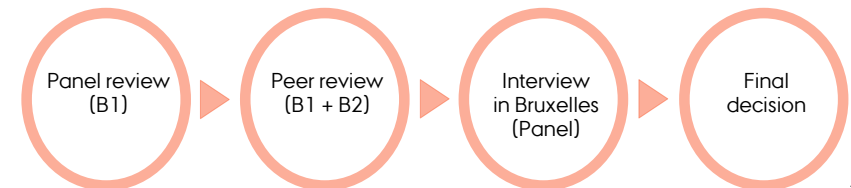
## EVALUATION

PI + Research project

27 scientific panels

Two step evaluation procedure

Budget allocated based on no. of proposals



# CARLSBERG YOUNG RESEARCHER FELLOWSHIP

**Applicant may not be more than two years into her/his tenured associate professorship position.**

Duration: 3 years

Grant size: up to 5 mio. DKK

Deadline: October 1<sup>st</sup>

## Career grant

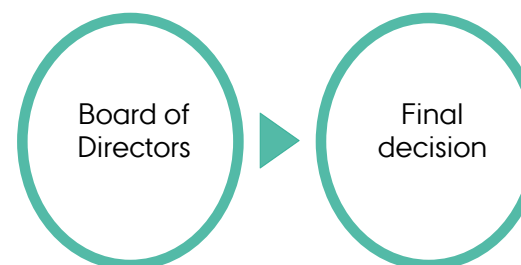
*Three-year grants for outstanding newly appointed associate professors with international experience to establish an independent research group, including the acquisition of research infrastructure (equipment, register data, etc.) and the formation of national/international networks.*

## Research focus

*Possibility to apply for funding within the following fields of research: science, humanities and social science*

## The foundation supports:

- Interdisciplinary research
- Visionary and innovative ground-breaking research at the international level



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# POSTDOC OPPORTUNITIES AND ATTRACTING YOUNG RESEARCHERS

# POSTDOC OPPORTUNITIES

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## Funding opportunities

### Carlsberg Foundation Internationalisation fellowships

CARLSBERGFONDET

**Purpose:** to promote the internationalisation of Danish talents and talent development in Danish research.

**Funding** for a two-year research stay at a leading research institution outside DK

**Amount:** up to 900.000 DKK/grant

### Novo Nordic Foundation Postdoctoral fellowships

novo  
nordisk  
fonden

**Purpose:** enable excellent young scientists to develop their own independent research area.

**Funding** for projects (up to) 3 years – at least 1 year research stay abroad

**Amount:** up to 2.5 mill DKK/grant

### Lundbeck Foundation Postdocs

LUNDBECKFONDEN



**Purpose:** to promote internationalisation of Danish talents, change in research environment is required.

**Funding** for 3 year projects with a 1 year research stay abroad

**Amount:** up to 2.4 mill DKK/grant



# IRFD: INTERNATIONAL POSTDOC

## Purpose:

- Mobility grant for young researchers (PhDs)
- Postdoc funding for 2 years



## Focus:

- To enhance young researchers' internationalization and to help develop their individual research competences in the beginning of their academic careers.
- Amount: up to 1.3 mill
- Mobility required

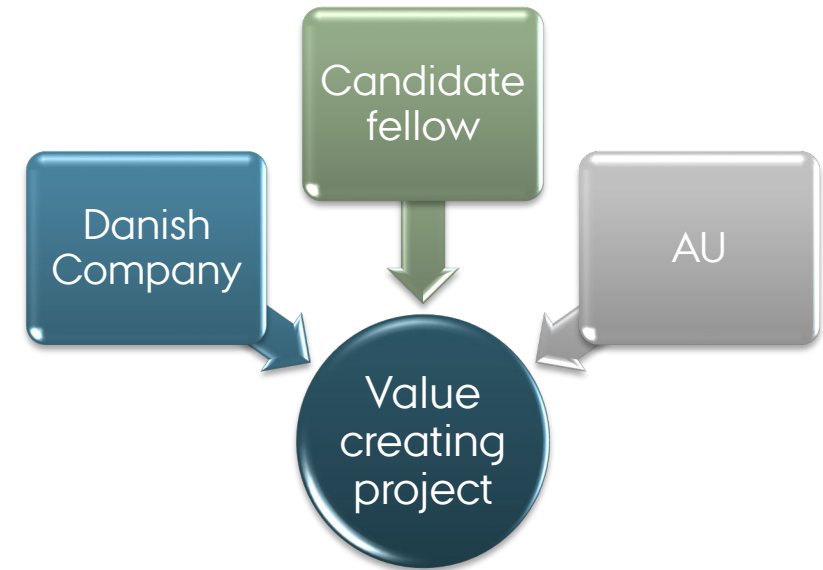


# IFD: INDUSTRIAL POSTDOC



## Characteristics:

- Employed by a company (public/private)
- The work is divided between company and university according to project needs
- The IFD covers 50% of the salary + certain costs
- Supervisor / mentor at the university + company
- PhD age max 5 years
- Duration 1-3 years



# MSCA POSTDOCTORAL FELLOWSHIPS



## Purpose:

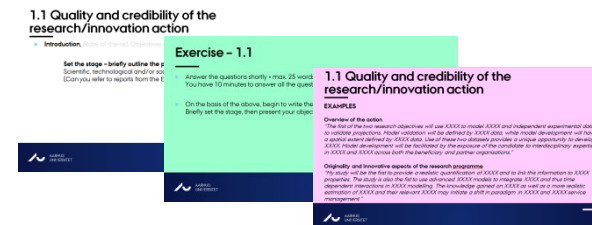
- Attracting talent to your group
- Postdoc funding for 2 years

## Focus:

- "The goal ... is to enhance the creative and innovative potential of experienced researchers, wishing to diversify their individual competence in terms of **skill acquisition through advanced training**, international and intersectional mobility"
- "Individual Fellowships provide opportunities to **acquire and transfer new knowledge** and to work on research and innovation in a European context ..."
- Mobility (transnational, intersectoral)
- Enhancing career prospects (for the fellow)



AU MSCA Master Class



# BE AWARE OF:

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- Publications (First and last author), High impact journals
- Postdoc's role as co-supervisor (MScs and PhDs)
- Internationalization (requirement or optional depending on funding opportunity)
- Activities: (managing conferences, arrange courses, involvement in organisations)

# QUESTIONS ?

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*“O.K., let's slowly lower in the grant money.”*

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