ICDK SEOUL
A GATEWAY TO ASIA... AND DENMARK
INNOVATION CENTRE(S)

- Silicon Valley
- Boston
- Munich
- Tel Aviv
- New Delhi + Bangalore
- Seoul
- Shanghai
- HQ CPH
- Sao Paulo
SERVICES

ADVISORY
- Innovation Camps
- Tailored advice processes
- Market Introduction
- Strategic Partnerships
- Tech Scouting

LEARNING
- SCALEit & SCALEup
- Academy and Masterclasses

INTELLIGENCE
- ICDK Outlook
- Innovation Projects
- Market/Research analyses

INCUBATION
- Shared office facility
- Virtual desk, local presence on market
- Access to staff, market research or sales activities
WORK METHODOLOGY

Utilize Danish Entrepreneurship efforts, support and pre-seed funding options. Strategic research.

Specific market requirements, competition, strategic partners. Matchmaking, delegations, workshops, exchange programs.

Implement, promote, export, set-up shop and launch. Talent programs, research- and development corporation.

Ideation

Formation

Explore opportunities, new business models, get exposed, learn to pitch, learn the culture. Prototyping, knowledge transfer.

Exploration

Adapt & Validate

Adapt product, price and model. Validate with the right partners. Research partnerships, bilateral agreements.

Realisation
RESEARCH IN DENMARK
DENMARK AT A GLANCE

98 Municipalities
5 Regions
43,000 km²

83 USD Billion Public Spending
306,1 USD Billion GDP
55,138 USD GDP per Capita

5.6 Mio. people
2.78 Mio. labour force
5% Unemployment rate

3% GDP spending on R&D
419 PhDs per million capita
5th Citations per publication
19.8% Share of 10% most highly cited publications

Source: Statistics Denmark, 2018 & OECD Data
Danish research in numbers I
Scientific publications and citation impact, OECD, 2012 - 2016

- Denmark ranks 3rd among OECD countries when comparing publications per million capita.

- Denmark shares 2nd place with Switzerland among OECD countries when calculating the ‘Field Weighted Citation Impact’.
Danish research in numbers

Proportion of internationally co-authored scientific publications, OECD, 2013-2017

- About 60\% of Danish publications are internationally co-authored

Proportion of public-private co-authored publications, OECD, 2013-2017

- Denmark ranks 1st among OECD countries as 6.6\% of total publications is written in collaboration with researchers from the private sector
DENMARK IN HORIZON 2020

• Denmark secures approximately 2.5% of the yearly budget—equivalent to approximately 1.5 billion DKK

• Denmark has the biggest take home from the ‘societal challenges’ pillar

• Denmark ranks 10th in securing of funding, 2nd best set in securing per capita

• Public actors are generally more active than private actors
GRANTS FROM PUBLIC FUNDING AGENCIES TO RESEARCH (R&D) AND INNOVATION

Percentage of the public budget for R&D distributed by the Danish public research funds, 2007 to 2016

Amount granted in million DKK (constant prices), 2014 to 2016

- Danish National Research Foundation
- Independent Research Fund Denmark
- Innovation Fund Denmark

From: Tal om forskning og innovation 2016
ONLINE FUNDING GUIDE

http://sydkorea.um.dk/en/innovation-centre/funding-guide

Funding Guide

General Funding Guide

The Funding Guide provides an overview of funding opportunities for researchers with particular interest in embedding or collaboration between Denmark and South Korea. This guide contains information about funding schemes for mobility, research and innovation.

The Funding Guide is aimed at researchers based in institutions and companies working or looking for research collaboration between Denmark and South Korea.

Please note that the Korean funding sources included in this guide are explicitly targeted towards international researchers and research collaboration where Danish partners can be the driving force in establishing new partnerships. Many other South Korean research funding schemes also allow for internationalisation, however, the lead applicant always needs to be a South Korean national.

The Funding Guide is not an exhaustive overview of all current funding opportunities for collaboration between Denmark and South Korea. It provides an overview of all the opportunities identified and currently deemed relevant by Innovation Centre Denmark in Seoul.

A General Funding Guide is available in pdf-version here

Contents of General Funding Guide
1. Danish-Korean relations in research and innovation

Denmark-South Korea: Funding Guide 2019-2020

July 2019
### 2.2.2 Innovation Fund Denmark – Industrial PhD, DK

| Outline | The Industrial Researcher Program supports Industrial PhD projects. The candidate is employed in a research company and at the same time enrolled at a university. |
| Research Fields | All research fields. |
| Nationality and Related Eligibility Criteria | All nationalities. Company must be registered in Denmark. University or research institution partner can be from anywhere in the world. |
| What is Funded | Host company and partner university receive subsidy from the fund. Candidate receives a monthly salary. |
| Duration | 3 years. |
| Deadline | Industrial PhD in the private sector  
September 24th, 2019 - 12.00  
January 9th, 2020 - 12.00  
April 30th, 2020 - 12.00  
September 17th, 2020 - 12.00  
Industrial PhD in the public sector  
October 8th, 2019 - 12.00  
September 30th, 2020 - 12.00 |

### 2.2.3 Lundbeck Foundation – PhD Scholarships, DK

| Outline | Scholarships are granted for independent, Danish-based research of the highest international quality in biomedical sciences. |
| Research Fields | Biomedical sciences |
| Nationalities and Related Eligibility Criteria | All nationalities. Research should be conducted at a Danish university/research institution. |
| What is Funded | The size of the scholarship depends on the recipient’s education and whether the recipient is employed at a university or a hospital. |
| Deadline | Different deadlines depend on research groups. |
### 2.3.1 Innovation Fund Denmark – Industrial Postdocs, DK

**Outline**

The Industrial Researcher Program supports post-doc projects. The candidate is employed in a private company and at the same time enrolled at a university.

**Research Fields**

- **All research fields.**

**Nationalities and Related Eligibility Criteria**

- **All nationalities.** Company must be registered in Denmark. University or research institution partner can be from anywhere in the world.

**What is Funded**

Host company and partner university receive a subsidy from the fund. Candidate receives a monthly salary.

**Duration**

3 years

**Deadline**

- Industrial Postdoc in the private sector
  - September 24th, 2019 – 12.00
  - January 9th, 2020 – 12.00
  - April 30th, 2020 – 12.00
  - September 17th, 2020 – 12.00

- Industrial Postdoc in the public sector
  - October 8th, 2019 – 12.00
  - September 30th, 2020 – 12.00

**Website for More Information**

https://innovationsfonden.dk/en/application/industrial-postdoc
### 2.3.2 Carlsberg Foundation – Internationalization Fellowships, DK

#### Outline

Two-year postdoctoral fellowships for outstanding PhDs to stay at a leading international research institution.

#### Research Fields

Excellent basic research at the highest international level in the fields of natural sciences, social sciences, and humanities.

#### Nationalities and Related Eligibility Criteria

If at the time of application, the applicant has not yet obtained a PhD degree, a copy of the assessment of the PhD thesis must be submitted. Applicants with more than five years of experience since obtaining their PhD degree are not eligible.

#### What is Funded

- DKK 350,000 per year, if the grant holder is travelling without children.
- DKK 425,000 per year, if the grant holder is travelling with children.

#### Duration

- 2 years

#### Deadline

- Call will be opened from September 1st to October 1st of every year for application submission.

#### Website for More Information

2.3.3 Carlsberg Foundation – Visiting Fellowships at University of Oxford, DK

Outline
Two-year postdoctoral visiting fellowships at the University of Oxford. Applicants are encouraged to contact the Carlsberg Foundation for assistance to identify a suitable research group or environment for the project.

Research Fields
Excellence in basic research at the highest international level in the fields of natural sciences, social science and humanities.

Nationalities and Related Eligibility Criteria
At the time of application, the applicant must hold a PhD or must have submitted the PhD thesis before October 1st. Applicants with more than 5 years of experience since obtaining their PhD degree are not eligible.

If at the time of application, the applicant has not yet obtained a PhD degree, a copy of the assessment of the PhD thesis must be submitted to the Carlsberg Foundation no later than noon of November 14th.

What is Funded
DKK 350,000 per year, if the grant holder is travelling without children.
DKK 425,000 per year, if the grant holder is travelling with children.

Duration
Indefinite

Deadline
Call will be opened from September 1st to October 1st of every year for application submission.

Website for More Information

2.3.4 Carlsberg Foundation – Young Researcher Fellowships, DK

Outline
Grants for outstanding newly appointed associate professors or tenure-track assistant professors with international experience to establish an independent research group or research environment, including the acquisition of research infrastructure (equipment, register data, etc.) and the formation of national/international networks.

Research Fields
Excellence in basic research at the highest international level in the fields of natural sciences, social science and humanities.

Nationalities and Related Eligibility Criteria
Applicant cannot be more than two years into his/her tenured position. Assistant professors on tenure track are also eligible.

What is Funded
The maximum grant amount is DKK 4,500,000

Duration
1 - 3 year grants.

Deadline
Call will be opened from September 1st to October 1st of every year for application submission.

Website for More Information
https://www.carlsbergfondet.dk/en/Applicant/Apply/Call-and-Guidelines/Young-Researcher-Fellowships

POSTDOC & ASSISTANT PROFESSOR LEVEL III
### 2.3.5 Lundbeck Foundation – Postdoc Fellowships, DK

<table>
<thead>
<tr>
<th>Outline</th>
<th>The Lundbeck Foundation awards postdoc fellowships for free and independent, research of the highest international quality in biomedical sciences. The research must be done at research institution/university in Denmark.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Research Fields</strong></td>
<td>Biomedical, clinical or health science</td>
</tr>
<tr>
<td><strong>Nationalities and Related Eligibility Criteria</strong></td>
<td>All nationalities</td>
</tr>
<tr>
<td><strong>What is Funded</strong></td>
<td>Fellowships are for a fixed amount and cover salary and a contribution towards the operation of the project.</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>2-5 years</td>
</tr>
<tr>
<td><strong>Deadline</strong></td>
<td>September 20th, 2019 – 13.00 November 6th, 2019 – 13.00</td>
</tr>
</tbody>
</table>

### 2.3.6 The Velux Foundations – Villum Young Investigator, DK

<table>
<thead>
<tr>
<th>Outline</th>
<th>Villum Young Investigator grants are given to junior researchers to set up their own research team for the first time. A typical applicant will at the time of application be an experienced postdoctoral researcher, assistant professor or associate professor of no more than two years' standing. The applicant is not expected to have established an independent research team at the time of application.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Research Fields</strong></td>
<td>Natural and technical sciences</td>
</tr>
<tr>
<td><strong>Nationalities and Related Eligibility Criteria</strong></td>
<td>All nationalities. The research must be conducted at a Danish research institution. Applicants with 3-8 years of research experience since completion of their PhD can apply.</td>
</tr>
<tr>
<td><strong>What is Funded</strong></td>
<td>The granted amount is DKK 7-10 million to cover a research period of to five years.</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>5 years</td>
</tr>
<tr>
<td><strong>Deadline</strong></td>
<td>June 18th 2019 at 12.00</td>
</tr>
</tbody>
</table>
### 2.4.1 Carlsberg Foundation – Monograph Fellowships, DK

**Outline**
One-year full-time fellowships for leading established researchers within the humanities and social science with a ‘Semper Ardens’ (passionate, always burning) approach to their research and with a project aimed at producing a groundbreaking monograph or doctoral dissertation.

<table>
<thead>
<tr>
<th>Research Fields</th>
<th>Humanities and Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nationalities and Related Eligibility Criteria</td>
<td>The Fellowships are primarily awarded to tenured senior researchers and cover the fellow's own full salary.</td>
</tr>
<tr>
<td>What is Funded</td>
<td>Salary and operational expenses. Not overhead cost and administrative fees. The Carlsberg Foundation covers general operating expenses with DKK 2,000 per month.</td>
</tr>
<tr>
<td>Duration</td>
<td>Unspecified</td>
</tr>
<tr>
<td>Deadline</td>
<td>Call will be opened from September 1st to October 1st of every year for application submission.</td>
</tr>
</tbody>
</table>

### 2.4.2 Lundbeck Foundation – Fellowships, DK

**Outline**
The fellowships are intended for researchers who are qualified to establish or develop their own research groups within health science and bio-medicine, including natural science projects with a clear biomedical focus, and who have received their PhD degree within the last 8 years.

<table>
<thead>
<tr>
<th>Research Fields</th>
<th>Biomedicine and health science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nationalities and Related Eligibility Criteria</td>
<td>Young scientist who has gained a PhD within the past eight years and is qualified to establish or develop his or her own biomedical science research team.</td>
</tr>
<tr>
<td>What is Funded</td>
<td>Up to DKK 10 million.</td>
</tr>
<tr>
<td>Duration</td>
<td>5 years.</td>
</tr>
<tr>
<td>Deadline</td>
<td>September 29th, 2019 - 13:00</td>
</tr>
</tbody>
</table>
2.4.3 Novo Nordisk Foundation – Young Investigator Award, DK

Outline
Young Investigator Awards for Novo Nordisk Foundation are for outstanding younger scientists to come to Denmark to expand their groundbreaking research programs.

NNF Young Investigator Awards are intended to make substantial contributions to the funding needed for new scientific directions and breakthroughs.

Research Fields
Any areas of biomedical and/or biotechnology.

Nationalities and Related Eligibility Criteria
All nationalities. An applicant may not have an employed position in Denmark during the entire application process. Furthermore, an applicant must be a principal investigator with an independent research program that s/he has directed for less than 7 years in total.

The host institution can be anywhere in Denmark and must be a university, university hospital, public research institution or other non-profit organization.

What is Funded
Up to DKK 20 million.

Duration
Up to 7 years.

Deadline
Closed on January 17th/March 21st, 2018; The next call is expected to open early 2019.

2.4.4 Novo Nordisk Foundation – EXPLORATORY Pre-Seed Grants, DK

Outline
The goal for the Exploratory Pre-Seed Program is to establish and accelerate commercialization of biomedical research findings and development of novel technologies within the life sciences. The program seeks to support application-oriented research and to test new ideas that may lead to the development of new medical treatments, disease prevention, diagnosis, and therapeutic methods as well as new industrial biotechnology.

Research Fields
Biomedicine and biotechnology.

Nationalities and Related Eligibility Criteria
The applicants can be faculty members, researchers and students based at universities, hospitals and other knowledge institutions in the Nordic countries.

Projects from incubator development programs are also eligible.

What is Funded
DKK 10 million are available for the funding of up to 20 project grants per year. Each grant can be up to DKK 0.5 million.

DKK 5 million are earmarked for follow-up grants of up to DKK 500,000 for specific commercialization related activities.

Follow-up grants can be applied for through Novo Seeds once the projects has obtained an Exploratory Pre-Seed Grant.

Duration
4-12 months.

Deadline
April 6th, 2018 at 14.00
(Application rounds will be open in spring and fall)

Website for More Information
http://novonordiskfonden.dk/en/content/exploratory-pre-seed-grants

2.4.5 The Velux Foundations – Villum Investigator, DK

Outline
Villum Investigator Grant is for experienced and internationally recognised researchers seeking to immerse themselves in their research topic. The ideal applicant is an active investigator who for 10 years or more has demonstrated international, pioneering research of the highest scientific standard.

Research Fields
Natural and technical sciences.

Nationalities and Related Eligibility Criteria
The ideal applicant is an active researcher who has demonstrated international, groundbreaking research of the highest scientific quality for 10 years or longer.

What is Funded
DKK 40 million, incl. 15% for indirect costs.

Duration
6 years.

Deadline
September 2020 (announced every 2 years)

Website for More Information
https://veluxfoundations.dk/en/technical-and-scientific-research/villum-investigators
### 3.1.1 DAFSHE (Danish Agency for Science and Higher Education) – International Network Programme, DK

| **Outline** | DAFSHE International Network Programme supports network activities between Danish and foreign researchers from China (incl. Hong Kong), India, Israel, Japan, USA, the Republic of Korea and South Africa. For applications with an Arctic focus, partner countries may also include Canada, Russia, Finland, Iceland, Norway, Sweden, Greenland and / or The Faroe Islands. |
| **Research Fields** | All research fields. |
| **Nationalities and Related Eligibility Criteria** | Scientists employed at Danish universities and research institutions and scientists and research experts employed in R&D intensive companies and GTS institutes in Denmark who wish to conduct network activities with researchers from the countries mentioned in “outline” (see above). |
| **What is Funded** | Operating expenses for workshops and conferences, international travel and research stay for a shorter period up to 90 days in the selected countries, DKK 200.000 excluding overhead expenses. Funding cannot be used to cover expenses for salaries or fees, i.e. conference fees, PhD fees, tuition. |
| **Duration** | Up to 2 years. |
| **Deadline** | Calls are usually announced in early March with an application deadline medio May. Calls are announced provided that funding is available on the yearly Finance Act. |
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