



- Brussels Humanities, Sciences
   & Engineering Campus
- · Brussels Health Campus
- · Brussels Photonics Campus

8 FACULTIES



16,374 STUDENTS





EUR 103 M
RESEARCH BUDGET

EUR 30.4 M
REVENUE FROM CONTRACT RESEARCH WITH
INDUSTRY AND VALORIZATION OF RESEARCH



RESEARCH GROUPS



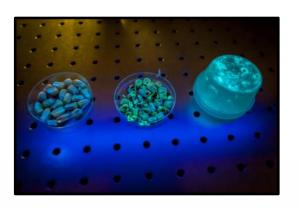


# CONNECTING SCIENCE AND SOCIETY



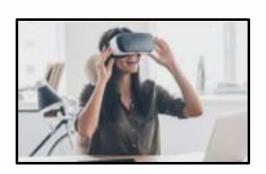


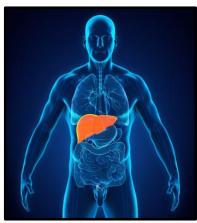




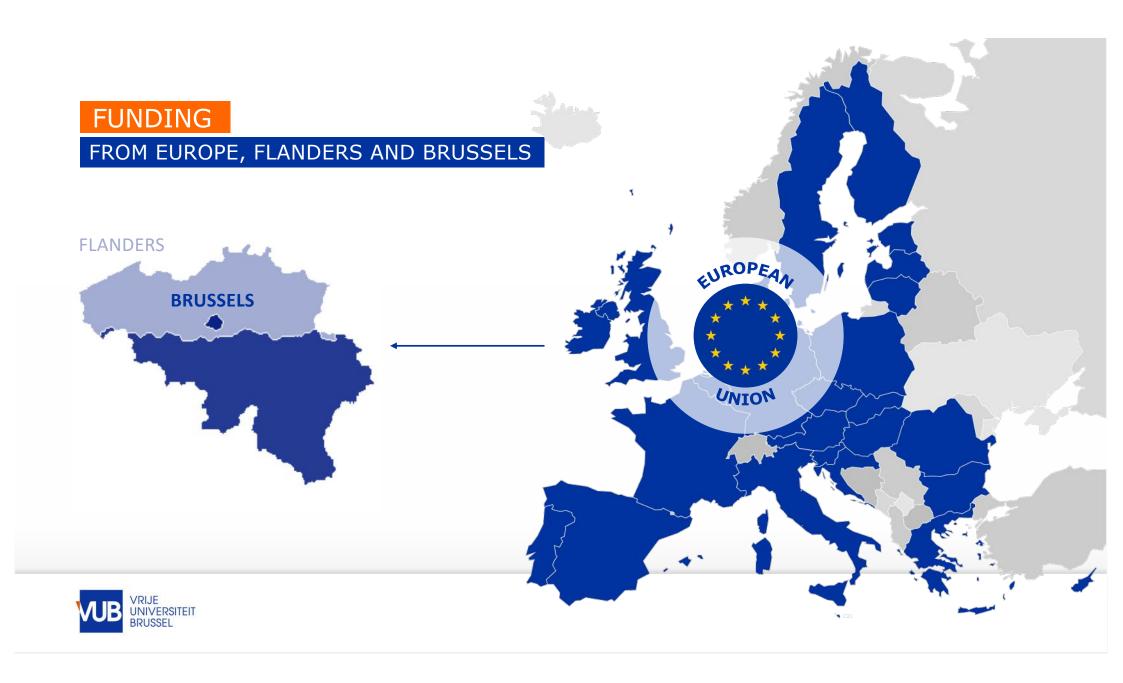






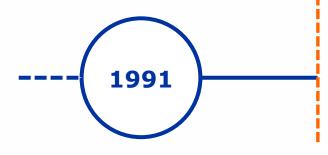






## EVOLUTION OF KNOWLEDGE TRANSFER

Flanders Decree gives universities ownerships rights on inventions developed with government funding



#### **VUB**

University results were mainly transferred via direct collaboration with industry

Concept of IP protection and licensing model not well developed

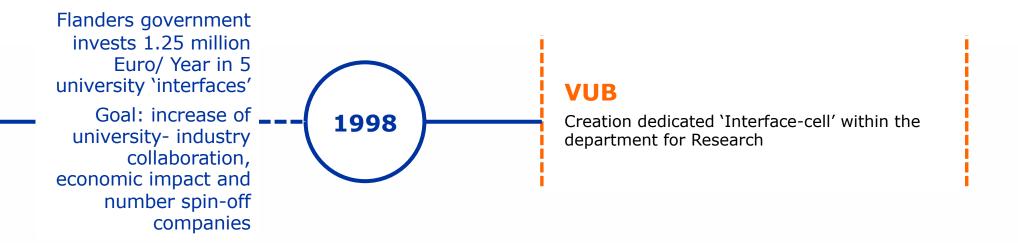


## HISTORY OF KNOWLEDGE TRANSFER AT VUB





## HISTORY OF KNOWLEDGE TRANSFER AT VUB











#### INDUSTRIAL RESEARCH FUND

#### FLANDERS GOVERNMENT 2004

#### **AIM**

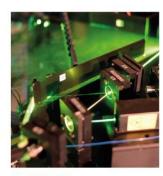
Building up applied science portfolio at universities, and stimulating university-industry linkages.

Address the gap between research and the economic exploitation of the knowledge produced at universities. Gear universities towards more application oriented research.



# IRF-GEARS

16 GEAR's IN 2018



**B-PHOT** - Photonics and Light Technologies



**BruBotics** - Human Robotic Technology



CHIS - Chemical Engineering



ETRO - Crossing Boundaries with Visionary Electronics & ICT



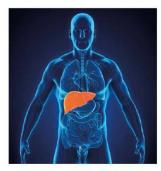
**FOBI** - 4R-ART - Follicle biology



**GeneCure** - Gene Therapy



IMDO - Industrial Microbiology, Food Biotechnology

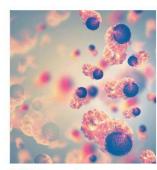


IVTD - In vitro Toxicology & Dermato-Cosmetology

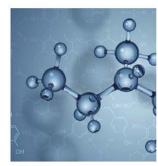


## IRF-GEARS

# 16 GEAR's IN 2018



M2Target -Macrophage-targeted Cancer Theranostics



**ORGC** - Organic Chemistry



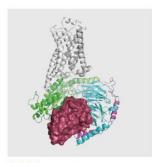
AI - Artificial Intelligence



**SOFT** - Software Languages



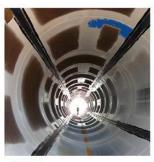
PREDICT - A Generic Toolbox for the Reliable Prediction of Lifetime and Ageing in Electrochemical Systems



SBB - Structural biology research: X-ray Crystalography, Protein-Protein Interactions, Drug Discovery



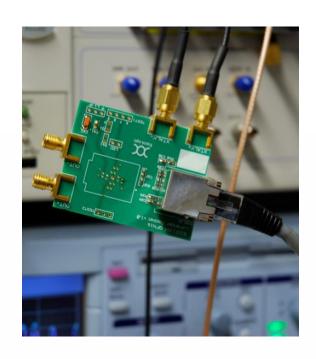
MOBI - Urban Mobility, Sustainable Logistics, Electric & Hybrid Vehicles, Energy Storage Systems, Life Cycle Assessment

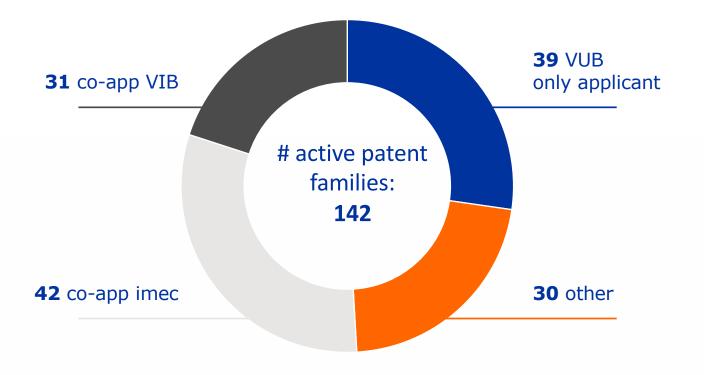


AVRG - Accoustics and Vibration



# IP PORTFOLIO







#### SPIN-OFF PORTFOLIO

#### 34 ACTIVE SPIN-OFFS IN 2018

























































#### VUB SPIN-OFF HIGHLIGHTS

2018/2019

Collibra was founded as VUB spin-off in 2008 More than 450 employees in Brussels, Paris, London & New York

#### **Collibra first Belgian Unicorn**

The tech startup is now valuated more than \$1 billion – making it Europe's newest unicorn. (Source: De Tijd, VRTNews)

#### Collibra on Forbes Cloud 100 list

Collibra, VUB spin-off and leader in enterprise data governance, has been named for the second consecutive year to the Forbes Cloud 100, the definitive list of the top 100 privately-held cloud companies in the world. (Source: Forbes)





#### VUB SPIN-OFF HIGHLIGHTS

2018/2019





Sanofi neemt Ablynx over: waarom is dit Gentse bedrijf 3,9 miljard waard?

#### Sanofi acquires Ablynx for € 3,9 billion

This VUB biotech spin-off is pioneer in the use of camelid Nanobodies® discovered by professors Hamers, Casterman and Muyldermans in 1989, and developed its first medicine for rare blood disorders. This takeover represents the biggest Belgian deal since 2015.

Source: De Tijd, De Standaard, De Morgen, GlobeNewswire, Financial Times





#### VUB SPIN-OFF HIGHLIGHTS

2018/2019

# Camel-IDS collects € 37 million in a Series A investment round

The proceeds will enable Camel-IDS to run a phase Ib/II trial with its lead program CAM-H2 targeting HER2-positive brain metastatic breast cancer, while further progressing and broadening its preclinical pipeline.

Source: De Tijd, Trends, de Standaard

# eTheRNA opens state-of-the-art manufacturing facility in Belgium

to support the development of its TariMix-based mRNA cancer immunotherapies.

Source: eTheRNA





#### VUB VICE-RECTORATE INNOVATION & INDUSTRY RELATIONS





Multidisciplinary team of experts Bridge between universityresearch-expertise and industrysociety



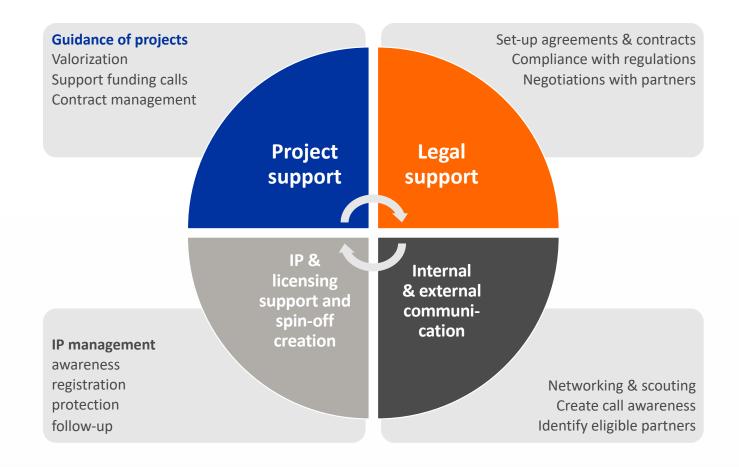
Philanthropic Fundraising Fellowship Program



A unique kind of academic and corporate networking









# **VUB TECH**

#### **Vicerector Innovation** & Industry Relations



Thienpont

**SUPPORT** 

**ERIS** 





Geyzen

Qing

**Industry &** Flemish projects



Liesbeth Bosman

**Entrepreneur**ship education



Marc Goldchstein



#### Brussels projects



Cai

**Valorisation** HSW / SSHA



Jessica Hekking

**Legal, Contracts** & Spin-offs









Twyla Quéva

Head of **Department** 



Sonja Haesen

Management **Assistance** 





Bauwens De Landtsheer

#### Contract Management



Wesley



Verbeke

Sophie Cammaerts

Spin-offs



Jacky Boonen

**IP & Licensing** 



Hugo Loosvelt



Marsyas Coene

IP & licensing support and spin-off creation

**Project** 

support

Internal & external communication

Legal

support



Isabelle Marneffe



Elisabeth Rabaey



**Foundation** 

Erkut Gultekin



Balaraj

Hanan



Mats Walschaers

**Comm & Events VUB TechTransfer** 



Alena



Van Reepingen

#### **Crosstalks**







Marleen Goedele Ine De Wynants Nuyttens Bock



# WANT TO KNOW MORE?



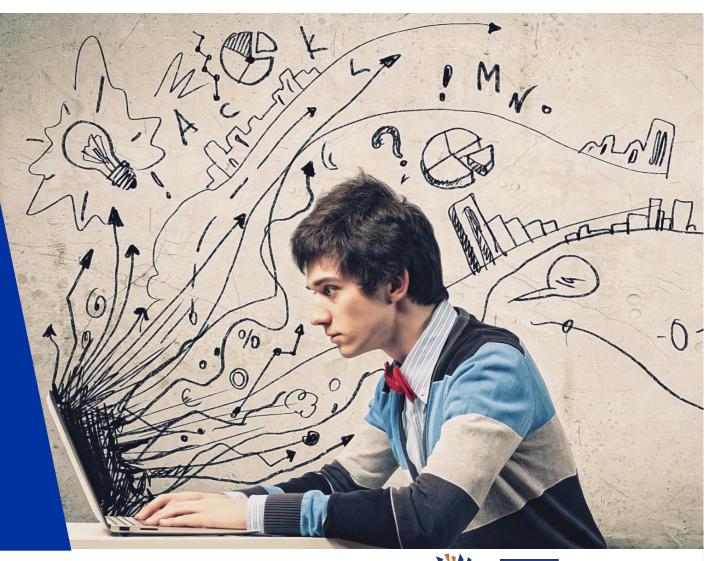






# WHY NOT START NOW?

VUB (ADVANCED) STARTER SEMINARS 2019

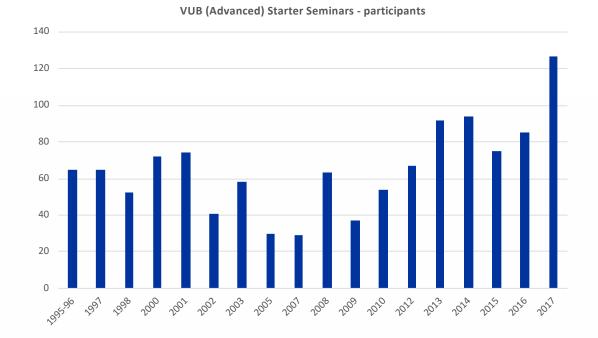






# SOME HISTORY PARTICIPANTS

- Since 1995
- More than 1000 participants
- Several participants started a spin-off company





#### PARTCIPATION FEE

 Starter Seminars: 250 Euro Personnel VUB/EhB/ULB: 150 Euro

Alumni VUB: **150 Euro** 

Students VUB/EhB/ULB: 50 Euro

Advanced Starter Seminars: 210 Euro

Personnel VUB/EhB/ULB: 120 Euro

Alumni VUB: 120 Euro

Students VUB/EhB/ULB: 40 Euro

**VUB PhD students: free under certain conditions** 

Regular attendance – Proof of Participation

#### CERTIFICATE OF PARTICIPATION

Regular attendance – sign attendance list









#### CONTACT FOR ADMIN ISSUES

#### ALENA AGA

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Mobile: 0486/41 85 52

#### Good to know:

- Download presentation on our webpage (bottom)
- Reminder email before each seminar



# THANK YOU

