

R e A c t o r 

School of Entrepreneurship and Innovation
for Scientists and Researchers



fondazionegolinelli.it/area-ricerca-alta-formazione/reactor

From Research to Business



PROJECT

ReActor is an **informal school of entrepreneurship and innovation**, the only one of its kind in Italy. With a strong practical-applicative mindset, the project aims to provide methodologies, tools, and applicable experiences to approach entrepreneurship as a possible path of professional and personal development. Participation in the project is **free**.

INTRODUCTION

Since 2015 **Fondazione Golinelli** has supported Launchpad, an experimental project spearheaded by the University of Bologna based on a pioneering model of entrepreneurial training for young scientists with innovative business ideas and a high potential for transfer of technology.

Following the success of two previous pilot editions and by virtue of strategic partnerships with research entities across the national territory, Fondazione Golinelli continues to support the advancement of this training model by extending it to an even larger group of scientists in keeping with its philanthropic mission to expand access to scientific, technological and entrepreneurial knowledge and understanding, which has guided the last three decades of the Foundation's work.

For the 2018-2019 academic year, the new project is launched with the addition of renewed partnerships: in addition to the University of Bologna, the University of Modena and Reggio Emilia, the CNR Research Area of Bologna and IOR - Rizzoli Orthopedic Institute have joined the project. The scientific direction of the project is entrusted to Simone Ferriani. In 2019-2020 the partnership will extend to the University of Parma and the University of Ferrara.

OBJECTIVE

The entrepreneurial empowerment of scientists, as agents of change in the socio-economic system, plays a crucial role in strengthening the innovative capacity of the countrywide system. From this perspective, Fondazione Golinelli offers resources and experience to **spark entrepreneurial impetus in Italian scientific endeavors**, with the aim of becoming leaders not only in **research** but in innovation as well.

Supporting ReActor is a wonderful experience, rewarded by the enthusiasm and undisputable quality of all the participants.

- Marino Golinelli (Founder and Honorary President of Fondazione Golinelli)

FORMAT

ReActor takes place during 12 weeks following a weekend formula (Friday afternoons and Saturday Mornings) consisting of lectures, fieldwork experience, and constant exchanges with mentors and networking opportunities. The project offers a solid preparation to acquire an entrepreneurial mindset, shifting the focus from “job seeking” to “job creation”, evaluating the risks and opportunities in entrepreneurial endeavors, examining intellectual property issues and legal aspects of innovative product management, implementing and validating proposed business models, and developing a sales strategy.

At the end of the program, the teams will have the opportunity to present their business ideas in a pitch session to an audience of potential investors, faculty members and a variety of stakeholders from the industrial domain as well as venture capitalists and business angels. The best ideas will be selected to participate in a subsequent training and acceleration phase within an international framework for the duration of 4 to 6 weeks.

The uniqueness of the model focuses on the special assets provided:

1 NETWORK OF MENTORS

Fondazione Golinelli has built an important network of entrepreneurs that provide a fundamental foundation of experiences, relationships and resources.

2 INTERNATIONAL ECOSYSTEMS

Through a series of strategic partnerships, the most motivated scientists with the ideas with greatest potential will have the opportunity to continue their own paths of development at some of the most important entrepreneurial ecosystems in the world: **Silicon Valley, London, Philadelphia.**

3 STATE OF THE ART INFRASTRUCTURE

Fully equipped multimedia classrooms, laboratories, and co-working spaces to guarantee a quality training experience.

4 TEAM BUILDING

The program provides periodic meetings between scientists and managers from MBA programs, Master Management programs, or doctoral programs in Economics.



TARGET

The program is dedicated to **Ph.D. students, post-graduate students, researchers** and **professors** of partner universities and research institutes. Participants will benefit from a structured program focusing on industrial imprinting, expertise in applied research, and technology transfer.

Criteria such as level of motivation, development potential and synergy building potential with other participants will also be factored in the selection process.

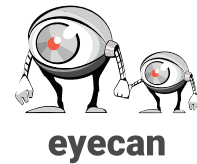
It's a privilege and a pleasure to be able to work with cutting-edge projects led by such motivated individuals.

- Alessandro Parenti (Mentor)

SUCCESS STORIES FROM PREVIOUS EDITIONS

Among the most significant:

- **EYECAN**, one of the 2019 winning teams with a project in the field of Robotic Vision and Artificial Intelligence. They spent some time in Silicon Valley and are the finalists of the 2019 National Innovation Award.
- **MATERIAL SOLUTIONS**, an academic project transformed into a viable industrial proposal in the 2019 edition, now part of QTEC at the University of Bristol.
- **BETTERY**, one of the winning teams from a previous edition has received numerous awards across the national territory: among which, *Premio Nazionale dell'Innovazione* for best Italian spinoff in the energy sector and the prestigious *Marzotto* award "From Idea to Business".
- **PerFrutto**, one of the two winning teams from the first edition has concluded an extraordinarily successful crowdfunding campaign, attracting a manager from the MBA program to become part of their corporate structure.
- **OaCP**, the second winning team awarded from the first edition has moved its operations to the UK where it was selected by one of the world's leading business accelerators in the biotech industry.



"The acceleration and strength impressed on our business project by participating in the program have exceeded all of our expectations. "

**- Marco Zibordi
(PerFrutto Founder, winner of the 1st Edition)**



scan to apply



PROGRAM

To apply: www.fondazionegolinelli.it/area-ricerca-alta-formazione/reactor

Deadline: **January 23, 2020**

An evaluation committee of entrepreneurs, professionals, and experts will select the participating teams.

Participation in the project is free. A cash prize will be provided for the teams selected to participate in the international training phase. Participants are required to cover the expenses for the public liability and personal accident insurance for periods spent abroad.

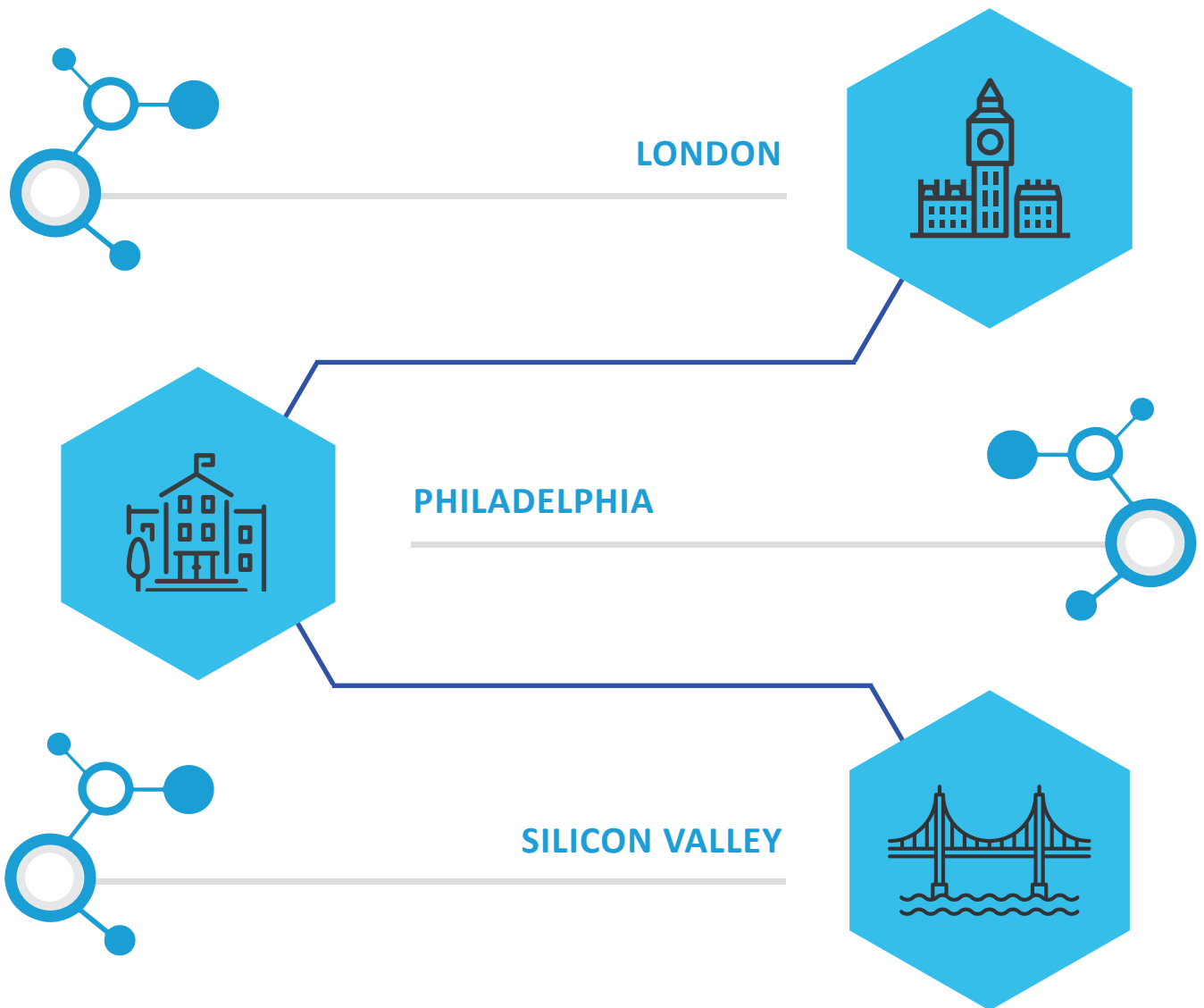
The training program will begin on Friday, February 28, and ends with the Final Pitch Day on Thursday, May 28. The awarded teams will continue the international training period approximately from mid-September to mid-November 2020.

Unlocking the hidden entrepreneurial potential is worth every sacrifice.

- **Francesco Baschieri (Mentore)**

INTERNATIONAL ECOSYSTEMS

ReActor offers selected scientists a grant contribution to participate in an immersive program of the duration of 4 to 6 weeks in some of the world's most vibrant entrepreneurial ecosystems, providing close contact with entrepreneurs, professors, investors and other international scientists engaged in technology transfer initiatives. This international phase of the program is based on a series of alliances between ReActor and international partners located in the United Kingdom, California and on the East Coast of the United States.



CALENDAR



WEEK ONE

Icebreaking
week



WEEK TWO

Igniting
entrepreneurial
mindsets



WEEK THREE

Understanding
the market
needs



WEEK FOUR

Analysing
the
market



WEEK FIVE

Market
roadmapping and
pitching



WEEK SIX

Equity structure
and
incentives



WEEK SEVEN

Business model
innovation and
profiting from
innovation



WEEK EIGHT

Industry
analysis



WEEK NINE

Entrepreneurial
finance
(I)



WEEK TEN

Entrepreneurial
finance
(II)



WEEK ELEVEN

Pitch
preparation

PITCH
DAY

TEAM



Antonio Danieli
General Director and Board Member
Fondazione Golinelli
CEO G-Factor



Simone Ferriani
Scientific Director



Cristiana Vignoli
Director G-Factor, Incubator-Accelerator
Fondazione Golinelli



Eugenia Ferrara
Head of Educational Programming
Fondazione Golinelli



Pietro Ferraris
Head of Accelerator Program
G-Factor



Silvia Cozzi
Project Manager



Alessandro Pastore
Mentor Coordinator



Daniele Gazzola
Scientist - Entrepreneur
in Residence



Simone Napoletano
Scientific Tutor

MENTORS

Massimo Aliberti

Alessandro Araldi

Francesco Baschieri

Simone Cimminelli

Rodrigo Mallo Leiva

Claudio Marinelli

Arianna Neri

Marco Cupidi

Alessandro Nocivelli

Alessandro Parenti

Alessandra Raggi

Lucia Romagnoli

Luca Rossettini

Marco Santulli

Alexander Schmitz-Kohlitz

Federico Tonelli

Caren Weinberg

Sebastiano Zannoli

SCIENTIFIC PARTNERS



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA



**SERVIZIO SANITARIO REGIONALE
EMILIA-ROMAGNA**
Istituto Ortopedico Rizzoli di Bologna
Istituto di Ricovero e Cura a Carattere Scientifico



Consiglio Nazionale delle Ricerche
Area della Ricerca di Bologna



**UNIVERSITÀ
DI PARMA**



**Università
degli Studi
di Ferrara**

INTERNATIONAL PARTNERS



Mind the Bridge



REBELBIO

WEISS

TECH HOUSE

SUPPORTING AND PROMOTING PARTNERS



**FONDAZIONE
GOLINELLI**
be intelligent
be there



**FONDAZIONE DEL MONTE
DI BOLOGNA E RAVENNA**
1473



Banca di Bologna

Trust Eureka



ReActor



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