

**The First MIT-Portugal International Industry Roundtable on  
New Technologies for Old Industries**

Life Science Innovation for Portugal’s Traditional Economic Sectors

Agriculture | Aquaculture | Chemicals | Energy | Food | Forestry | Textiles

**Mira Center, June 19, 2017**

Entrepreneurial success and cutting-edge innovation in the life sciences are often associated with health and medical technologies. However there is a range of other industries where new biotechnologies have been making a very significant impact. In the context of countries such as Portugal, bio-innovation and entrepreneurship in sectors that rely on existing natural resources – the Sea, the Forest, certain crops – or on long-standing industrial traditions such as textiles and chemicals, are particularly relevant. This *International Industry Roundtable* (IIR) aims to bring together key players from the Portuguese and European research and innovation ecosystem for a multidisciplinary discussion on the promise and the challenges faced by entrepreneurs, scientists and innovators in these fields. The IIR are part of the MIT Portugal program’s continued effort to help establish bridges between academia and the industry, using informal events to promote new technologies, stimulate exchange of ideas and, ultimately, foster economic and social growth.

This roundtable is an **MIT Portugal** Program initiative, with the crucial support of the **Municipality of Mira** and the **University of Aveiro**.

*With the support of:*



## PROGRAM

09:15 – Registration

09:45 – Opening Session:

**Nuno Arantes e Oliveira** (MIT Portugal Program)

**Raul Almeida** (Mayor of Mira and Mira Center Chairman)

10:00 – **Jorge Saraiva** (Multidisciplinary High Pressure Technology Platform): *High Pressure – 25 Years of Cold Commercial Pasteurization and Future Food and Biotechnological potential*

10:25 – **Simão Soares** (SilicoLife): *Rational design of cell factories and novel pathways*

10:50 – **Roberto Teixeira** (Devan Chemicals, Ronse, BE): *The role of probiotic bacteria on technical textiles*

11:15 – *Coffee Break*

11:30 – **Nuno Borralho** (RAIZ): *Forests and forest biotechnology at a crossroad*

11:55 – **Bernardo Ferreira de Carvalho** (Oceano Fresco): *Biotechnology as a lever to unlock the potential of shellfish aquaculture*

12:20 – **Østeyn Lie** (MareLife Marine Innovation Network; Norwegian University of Life Sciences, Oslo, NO): *The impact of genetics in the seafood sector*

*Moderator: Filipe Assoreira* (P-BIO – Portugal’s Biotechnology Industry Organization; Nano4)

12:45 – NETWORKING LUNCH

14:00 – **Maria João Fernandes** (GPPQ, H2020 National Contact Point): *Finding your ‘Bio-way’ in Horizon 2020*

14:25 – **Nuno Coelho** (A4F, Algae for Future): *A4F: From Financed Research to Commercial Projects*

14:50 – **Francisco Gírio** (LNEG): *An outlook about decarbonization of the Economy and the potential contribution of biomass-based biorefineries*

15:15 – *Coffee Break*

15:35 – **João Nunes** (BLC3 Technology & Innovation Campus): *Bioeconomy and Circular Economy: Potential of Integrated Biorefineries Systems.*

16:00 – **Dino Sozzi** (Syngenta, Basel, CH): *Efficient R&D, experience and examples from Syngenta*

*Moderator: Isabel Rocha* (MIT Portugal; University of Minho; Biotempo Lda.)

16:30 – **Prospects for Technological Innovation in the Portuguese Industry** (debate)

*with:*

**Carlos de Pascoal Neto** – General Director, RAIZ – Forest & Paper Research Institute, the Navigator Company

**Ricardo Calado** – Principal Investigator, Department of Biology & CESAM; Coordinator, Sea Technology Platform, Aveiro University

**Claúdia Figueira** – Innovation Manager, CUF SGPS

**Isabel Braga da Cruz** – President, Universidade Católica Portuguesa – Porto

*Moderator: Francisco Gírio* (Head of Research, LNEG)

Organization: Nuno Arantes-Oliveira, Sílvia Castro, Mariana Carmo (MIT Portugal, IST)

Special advisors: Francisco Gírio (LNEG) and Simão Soares (P-BIO)