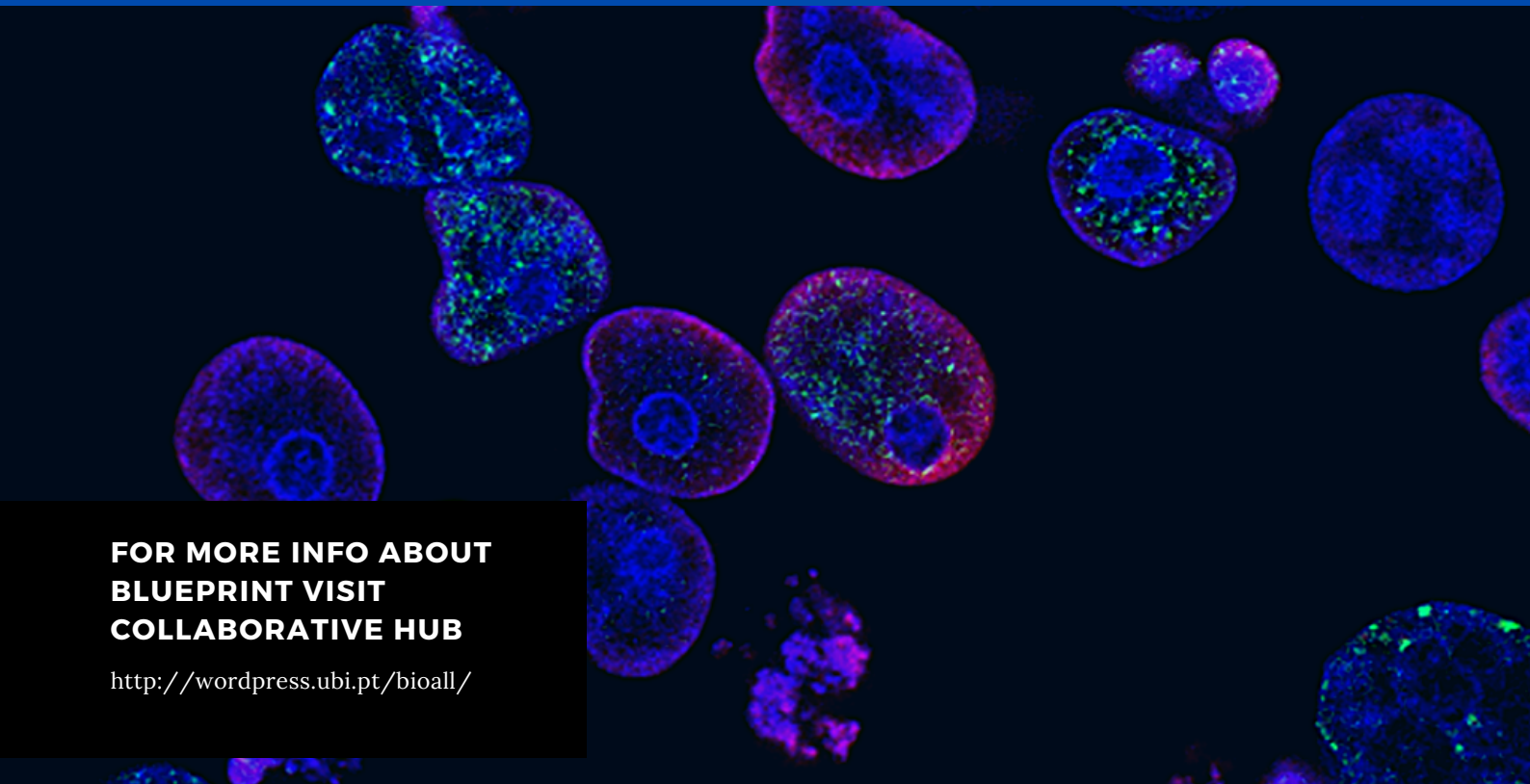


BLUEPRINT FOR INNOVATION AND ENTREPRENEURSHIP IN BIOHEALTH SECTOR

PRESENTS POSSIBLE EVOLUTION SCENARIOS, RELATED STRATEGIES AND ACTIONS AND PROVIDES RECOMMENDATIONS FOR A BRIGHTER FUTURE OF UNIVERSITY-BUSINESS COOPERATION AND ENTREPRENEURIAL AND INNOVATIVE PROCESSES WITHIN THE SECTOR.



**FOR MORE INFO ABOUT
BLUEPRINT VISIT
COLLABORATIVE HUB**

<http://wordpress.ubi.pt/bioall/>

ENTREPRENEURSHIP & INNOVATION

A BASE FOR ECONOMIC DEVELOPMENT

European economic growth and increased employment depends on the ability to support business growth that is why it's important that Universities are disseminators and stimulators of the Entrepreneur & Innovative mind-set and skills. University-Business Cooperation (UBC) must be recognised as an important pillar to economic development, because it increases a country's competitive advantage, creates jobs and contributes to social inclusion.

UNIVERSITY-BUSINESS

COOPERATION

For both universities and businesses, University-Business Cooperation (UBC) is being comprehended as an optional activity that is not necessarily natural for both. As such, appropriate mechanisms need to be put in place to stimulate and support the cooperation. These supporting mechanisms shall aim to help reduce or eliminate the largest barriers, offer facilitators and provide incentives that reward universities and businesses to undertake the activity. This can include creating new, or building on old policies, strategies, structures and activities. There is a need of creating forms of compatibility between entrepreneurial activities and training, and general academic training, opening new perspectives for entrepreneurship as a university culture.

BIOHEALTH SECTORE FUTURE VISION

GROWTH OF THE BIOHEALTH SECTOR FROM A HOLISTIC POINT OF VIEW, ALSO BY SHIFTING FROM "LONG LIFE" GOAL TO A "HEALTHY LIFE" GOAL.

NEED FOR THE MORE STRONG PRIVATE PLAYERS IN THE BIOHEALTH LANDSCAPE.

GREAT POSSIBILITIES TO INVEST, EXPLORE INNOVATION AND ENTREPRENEURSHIP, IF THE PATH IS CLEAR IN TERMS OF REGULATORY AFFAIRS BOTH FROM NATIONAL AND INTERNATIONAL POINT OF VIEW.

RECOMMENDATIONS FOR POLICY MAKERS

- There must be an adequate regulatory framework but, without specific knowledge, it is impossible to start a business in the BIOHEALTH sector.
- Bureaucratic simplification for access to finance will be crucial, so that any kind of future development will be properly efficient.
- Intellectual Property is the cornerstone for the BIOHEALTH sector as it is the connection between Universities and Businesses, which for its turn should be far more efficient.

FUTURE SCENARIOS

- Regulations and tax advantages could be present in the upcoming scenarios.
- New technologies will be progressively appearing, as the years go by and the business world evolves.
- Disconnection between public and private entities and difficulties to start projects from scratch at regional level.
- Inefficiently managed public structures, directly impacting the generation of new local innovations that can impact globally.
- Creating Hubs to combine academic and research know-how with that of management, finance and entrepreneurship in order to develop ideas and innovation.
- Need of a guideline and a need to diminish the bureaucracy that can be responsible in ending some innovative business that are starting.

DRIVERS & TRENDS

- National and EU strategies will be protagonist for the development of this sector.
- Stronger investment in research and innovation will keep companies and universities going side by side with these trends.
- Rise in demand coming from the public sector: vaccines; drugs; new medical products; new technologies; and new organizational models and structures for the provision of these goods and services.
- Need to gather experienced entrepreneurs in order to keep up with such evolution in this sector. This could be the role of the Universities, by inviting them as experienced partners and mentors in hubs.
- Private initiatives, entrepreneurs and businessmen will be the drivers of these trends, so, there will have to be a greater connection between companies and research groups to advance together.

STRATEGIES & ACTIONS

- Networking between academia and business seems to be the road to follow, in order to ensure the success of the sector.
- Connect private savings and investment, and also support start-ups growth through specialized investment funds and the creation of markets for financing start-ups.
- Long-term wise, the strategy to be followed is shift from a competitive environment to a cooperation system where projects and entrepreneurs can take advantage of and benefit from the infrastructures and equipment that exist.
- Promote scientific production and at the same time develop adequate tools to protect intellectual property.
- On the short term defining a tangible plan in developing competences, on a medium term betting on training and sharing the good practices, and on long term materializing all the above in new companies, better employees and a bigger know-how in the biotechnology areas.



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