



# CRISPR PATENT LANDSCAPE

## Zoom on Microorganisms

January 2018 - Sample

Intangible assets  
deserve closer scrutiny



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# 54 slides

# 24 graphs



- **Methodology**
- **Overall trends of the CRISPR patent database - Zoom on microorganisms**
  - Temporal distribution of patent filings by type of players (2002-2017)
  - **World map of priority filings**
  - Temporal distribution of priority filings (2002-2017)
  - **World map of patent extensions**
  - **Main patent applicants/assignees and temporal distribution of their filings**
- **Breakdown of the CRISPR patent database - Zoom on microorganisms**
  - **Breakdown by Claim coverage of patent families**
    - Breakdown of the patent portfolio
    - Temporal distribution of filings
    - Positioning of applicants/assignees
  - **Breakdown by Components**
    - Breakdown of the patent portfolio
    - Temporal distribution of filings
    - Positioning of the applicants/assignees
  - **Breakdown by Chimeric proteins**
    - Breakdown of the patent portfolio
    - Temporal distribution of filings
    - Positioning of applicants/assignees
- **Appendix 1 – Affiliation mapping of players present in the zoom on microorganisms**
- **Appendix 2 – Licensing announcements: Cf. Supplemental table**





## Our team



**Corinne Le Buhan, PhD**

*ICT Expert  
IP Strategy & Management*

Funded IPStudies in 2010 to help Swiss & EU high-tech SMEs develop and execute their IP valuation plans using the latest patent analytics tools and trends

**15 years** experience in IP strategy and management – former VP Knowledge Management of NagraVision-Kudelski Group, in charge with patents (200 families), standards, R&D collaborations, licensing and technical publications portfolios

Teaches international licensing practices and IP strategy at IEEPI – EU Horizon2020 expert on Innovation in SMEs 2013-2015

**ICT Technology Expert** for various licensing facilitators and aggregators in France, Germany and the US

University postgraduate in management of innovation and intellectual property (University of Strasbourg, 2008), PhD in Communications Science (EPFL, 1998), MsC in Electrical Engineering (INSA Rennes, 1994)

Experienced with Patbase, EPO/RegisterPlus, USPTO/PAIR

International network of IP practitioners and licensing managers - Member LES, IEEE, AROPI, AAIEPI



**Fabien Palazzoli, PhD**

*Life Sciences Expert  
Patent Analysis & Landscapes*

Joined IPStudies in 2013 to develop the IP analytics offering in life sciences & biotechnology

**9+** years experience in technology transfers, patent mapping/landscaping and FTO-driven research intelligence for the French public sector and biotech SMEs - former IP analytics sales manager for FIST SA, the CNRS technology transfer office

**Author/co-author** of 18 scientific and technical publications/communications, as well as one book chapter

**Life sciences patent analyst** for various biotech/medtech SMEs in Switzerland and in Europe

**PhD** in Life Sciences (*Exploitation of patent information in a public research laboratory: identification of technological niches in bioproduction and gene therapy*, University of Tours, 2011), MsC in Biotechnology and Law (University of Tours, 2007)

Experienced with Orbit, Patbase, Intellixir, patent offices databases

International network of patent information analysts



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CRISPR  
patent landscape  
SAMPLE

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