

# EPO innovation case studies

Infinite Roots

November 2025



# Infinite Roots: from strategic IP portfolio to infinite business possibilities

## Abstract

Infinite Roots is a German biotech start-up founded in 2018 that is pioneering the development of sustainable mushroom-based food products. The company has attracted a number of strategic investors and raised more than €60 million since its founding. This is thanks to its combination of a fermentation technology platform, an experienced interdisciplinary team and a

robust intellectual property strategy. With this strong foundation, Infinite Roots is now pursuing two key objectives: first, leveraging its proprietary technology, and second, expanding into new markets. The company aims to position itself as a key player in the food-tech sector.



Figure 1: Fermentation tanks

## The quest for sustainable food innovation

The food industry is vital for feeding our growing global population, but it is also a major contributor to greenhouse gas (GHG) emissions and global warming. While total GHG emissions in Europe have decreased significantly in recent decades, emissions from agrifood systems have fallen much more slowly than those from other sectors.<sup>1</sup> Infinite Roots was founded by Mazen Rizk to address this challenge. Mazen was born and raised in Lebanon and after completing his PhD in biotechnology at the Technical University of Hamburg (TUHH) and acquiring industrial experience in a yeast extracts company he decided to focus on mycelium (the vegetative part of mushrooms) as a promising solution for sustainable food production. Motivated by the desire to challenge the traditional food industry paradigm, he assembled a team with deep scientific expertise, culinary and market insights and also business skills. In 2018 he secured initial financing to establish a start-up called Mushlabs together with two additional co-founders with complementary backgrounds. Thibault Godard, Chief Science Officer, came on board to lead the R&D work, bringing a PhD in biotechnology and extensive experience in process engineering. Anne-Cathrine Hutz, Vice-President of Product, has a background in food



Figure 2: Mazen Rizk, Founder and CEO of Infinite Roots

innovation and experience as a chef, and contributed expertise in food science and consumer psychology. Philip Tigges joined later as Chief Commercial Officer & Managing Director, bringing expertise in management and strategic business development.

*“Biology can solve a lot of the world’s problems, but science without a strong business focus will not achieve this on its own.”*

### Mazen Rizk, Founder and CEO

Mycelium, the vegetative part of mushrooms, is cultivated by fermentation and is emerging as a high-potential ingredient across bioengineering, medicine and material science, and food innovation. The technology developed by Infinite Roots allows for controlled and scalable cultivation through fermentation in steel tanks, resulting in faster growth than traditional production and allowing for a precise modulation of flavour, texture and nutritional value. At Infinite Roots, the term mycelium refers to the fibrous structure of fermented mushroom biomass derived from the fruiting body and/or stem of edible mushrooms – not from the root-like network typically found underground – where known mushrooms are used without any genetic modification. The harvested mycelium is then mixed with local seasonings according to customer preferences in the given region and processed into a variety of alternative food products, including substitutes for meatballs and other products currently in development.



Figure 3: Mycelium (fermented mushroom biomass)

1. [Climate impact of the EU agrifood system \(europa.eu\)](https://ec.europa.eu/eurostat/tgm/table.do?tab=table&init=1&language=en&plugin=1)

In 2023 Mushlabs was renamed Infinite Roots to reflect the boundless possibilities of mycelium and the benefits it can bring worldwide, not just in food technology but in other industries too. The company covers a significant part of the value chain, including technologies for upcycling by-products from the agriculture and food industries into feedstock for mycelium cultivation, producing mycelium through fermentation, and creating and marketing consumer-adapted food products in categories such as meat, dairy and fish substitutes. The company has also developed a comprehensive AI-based data science platform for the emerging mycelium industry. Beyond using the platform for its own product development, Infinite Roots also plans to create additional revenue streams by licensing this tool and data to other food companies.

Initial revenues were generated through a partnership with a leading food manufacturer, which brought mycelium-based food products to retail stores in South Korea. In Germany, the company introduced its first consumer-focused product in 2025 under the trade mark MushRoots, based on conventional mushrooms. Although market-ready mycelium-based products were already available, Infinite Roots initially prioritized mushroom-

based offerings to navigate EU regulatory requirements and gather market insights. Nevertheless, fermentation remains the company's core technology, with a second generation of mycelium-based products planned for future release.



Figure 4: Mushroom-based alternative to meatballs

## Market expansion with in-house production and licensing

Infinite Roots utilises its proprietary mycelium-based technology to create a diverse range of food products. The company's business model combines in-house production and direct sales in key European markets, while employing a licensing strategy to expand into other attractive regions such as the Middle East and Asia without the need to build production capabilities. The Infinite Roots business model anticipates that the primary revenue stream will be derived from its production facilities in Germany. Initially, the focus will be on the German market, with subsequent expansion to other European countries.

In addition to expanding the business into new regions, Infinite Roots is exploring licensing opportunities in other non-core technology areas to diversify revenue streams and optimise the profitability of its IP portfolio. At present the company is considering licensing opportunities with other companies in the food industry that do not directly compete with Infinite Roots. The

possibility of licensing this technology to produce different types of materials is also being considered for the future.

Complementary technology licensing provides significant advantages. It opens up new revenue streams and accelerates scalability in regions where this can be more easily achieved via a licensing partner. Potential follow-up innovations in the core technology through collaboration partners can further enhance a company's technology value. Infinite Roots, for example, has provisions for license-back rights on any improvement or optimisation of the technology contributed by its licensees.

To ensure optimal value for both parties, the licenses offered by Infinite Roots generally comprise a combination of different IP assets, including patents, trade marks and related trade secrets. These cover know-how on the technology, data or supply of specialised equipment for industrial-scale production. Potential

future licenses for the AI-based product development platform would probably aim to cover software solutions, data and related patented computer-implemented inventions. Infinite Roots typically grants exclusive or sole licenses for clearly defined technology fields and jurisdictions, defining the area of application for the licensee only as broadly as needed. This ensures licensees have sufficient freedom to operate to achieve their business goals, but allows Infinite Roots the flexibility to pursue its

own activities and explore other synergistic collaborations. Infinite Roots has also successfully established collaborative partnerships with several international entities in the food and beverage industry, leveraging its IP portfolio. These strategic alliances have yielded notable benefits, including the acquisition of valuable market and technology insights and the development of further IP rights.

## It is never too early to set-up a solid IP strategy

From the outset, Infinite Roots recognised the pivotal role that IP would play in securing funding and collaboration from potential partners. Demonstrating a forward-thinking approach unusual for an early-stage startup, the company appointed Wassim W. Ayass as full-time IP manager in early 2022. This laid the basis for a robust IP strategy and implementation of IP management practices, while also fostering a culture of innovation through comprehensive awareness programmes.

*“It was indeed rewarding to set up a strong business-driven IP strategy for a start-up, as it proved valuable in every investor conversation.”*

**Wassim W. Ayass, Innovation and IP Lead**



Figure 5: Wassim W. Ayass, Innovation and IP Lead at Infinite Roots

The decision to hire an experienced IP manager from a large company proved a smart strategic move, enabling the company to swiftly develop a comprehensive understanding of the various forms of IP rights and the significant value that combining them can offer. IP-related decisions are guided by business objectives and technology roadmaps. The strategy is to keep inventions that are complex, hard to reverse engineer or not yet commercially mature as trade secrets, while innovations with high market exposure or a high risk of being copied are protected through patents. The company employs a proactive management approach to its trade secrets. This includes an IP on-boarding programme for new employees, IP off-boarding for departing employees, sensitive document labelling, non-disclosure agreements and information segregation to ensure each team only has access to information on a need-to-know basis.

### TAKEAWAY

#### **A dedicated IP manager**

Consider hiring a dedicated and experienced IP manager as soon as financially possible, with the primary objectives of developing and advancing a robust IP strategy and implementing effective IP management across the organisation.

At Infinite Roots IP is considered a strategic asset. It plays a crucial role in value creation, exploring licensing opportunities, and long-term competitive differentiation.

In contrast to many companies, where IP is protected through a bottom-up approach based on employee invention disclosures, the Infinite Roots approach is driven by their unique selling propositions (USPs). These include the versatility of the technology, sustainable processes and healthy products; these constitute the foundation of the company's inventions, and are then protected. As a result, a portfolio of patents, trade secrets, copyrights and database rights is in place to safeguard the technologies.

As of 2025, Infinite Roots holds eight published patent families along their value chain (see Figure 4). Three are related to the upcycling of feedstock from byproducts of the agriculture and food industries for the cultivation of mycelium, two are related to the fermentation technology to grow mycelium itself, and one is related to the characteristics of mycelium. Finally, two patents are connected to the data discovery platform, which uses

predictive AI to identify suitable feedstock combined with a suitable edible mushroom strain, as well as the right process parameters for the production of tailored end-products adapted to local consumer tastes.

**TAKEAWAY**

**Raising awareness of IP and creating an IP culture**

IP on-boarding is a vital part of raising awareness and enabling employees, but regular refresher sessions are also essential. When combined with an IP off-boarding process, this can foster an IP culture and help protect trade secrets.

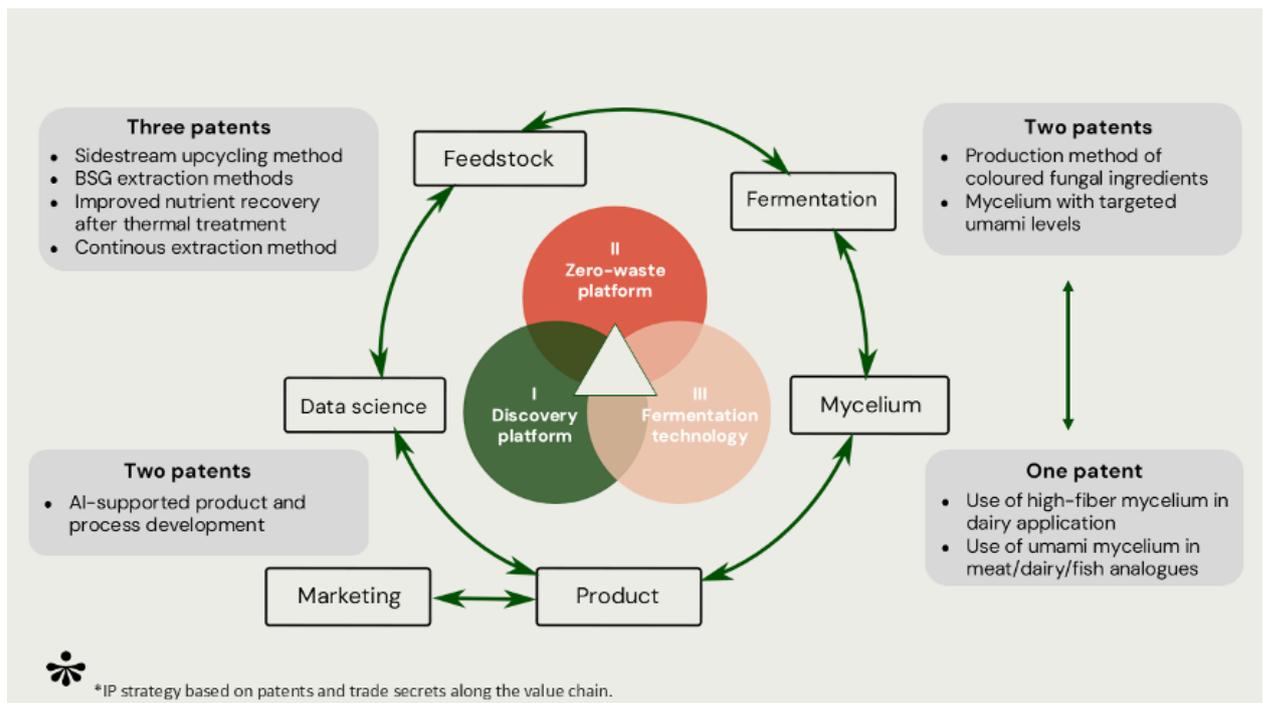


Figure 6: Strategic view of the patent portfolio of Infinite Roots

The IP strategy at Infinite Roots is a combination of both offensive and defensive components, with the primary objectives of ensuring freedom to operate and blocking or slowing down the competition, as well as attracting partners and investors who value solid IP protection. Beyond safeguarding technology, a strong IP portfolio also offers options to extend or adapt the business model or sector focus, providing flexibility. This is highly regarded by investors, especially in a fast-evolving market environment, as it reduces operational risk and opens diversified revenue streams. However, it is essential to implement a strategic approach and maintain a commitment to developing the IP portfolio.

## Using business and IP intelligence to drive the patent portfolio

Infinite Roots has always adopted an efficient approach to filing patent applications, opting for priority filing with the European Patent Office under the PCT route. The countries in which it seeks protection include those in Europe, as well as major non-European markets with significant market potential such as China, Japan and the USA. Since its inception, Infinite Roots has pursued an approach of filing patent applications at international level, i.e. PCT applications, to secure protection in key markets. For each invention the company conducts a thorough analysis to balance broad protection of its technology with cost optimisation. Consequently, inventions deemed critical to the business receive wider geographical patent coverage than others.

### TAKEAWAY

#### Business and IP intelligence

Use business and IP intelligence to create an IP strategy, then decide in which countries to seek patent protection to maximise business opportunities and ensure optimal patenting cost.

Decisions about where to seek patent protection are based on the planned commercial activities, such as where potential licensees can be located, where

### TAKEAWAY

#### IP as a strategic foundation

In early-stage deep-tech investment, robust IP protection and technological foundations are more decisive than early market traction—especially when supported by in-house scientific expertise and active investor engagement.

raw materials for production are found and/or where the main competitors file their applications. Patent intelligence plays a central role in Infinite Roots' IP strategy. By actively monitoring industry developments and competitors, the company ensures its freedom to operate and identifies opportunities to strengthen its competitive position. This includes monitoring technology advancements and strategies. For example, searching the patent database has already allowed Infinite Roots to add to its IP collection by acquiring a complementary patent from the Technical University of Hamburg.

### TAKEAWAY

#### Patent databases

Using patent database searches to monitor competitors can help to keep track of recent technological developments and the competitive landscape. It can also solve technological problems by using public information to identify and access technology developed by others.

## The evolving role of the IP portfolio at each funding stage

From day one, Infinite Roots benefitted from a strong network and strategic guidance. Initial funding came from angel investors found in private networks and a Berlin-based venture studio, FoodLabs. The latter provided not only capital but also valuable advice during the company's formation. In the early stages, founder Mazen Rizk also invested his own savings and benefited from in-kind support from his university, where the first experiments were conducted. The seed financing round, led by Simon Capital, was completed in 2019 and laid the foundations for scaling the technology.

The Series A funding round was successfully concluded virtually in July 2020, despite the challenges posed by the ongoing pandemic. redalpine led the investment and quickly recognised the company's potential, based on their in-house expertise. At that time the company had not yet filed for IP protection to postpone the costs – a common scenario for an early-stage biotech start-up – but, encouraged by its investors, they quickly moved to establish a robust IP strategy and portfolio due to its critical influence on future valuation and perceived importance in the biotech sector.<sup>2</sup> Series B funding, with Dr Hans Riegel Holding as the lead strategic investor, successfully closed in January 2024. The round included venture capitalists (VCs) and other strategic investors, such as the German retailer and tourism cooperative REWE Group and the European Innovation Council (EIC). All investors are still on board to date.

*“When engaging investors, we look for more than capital. Every partner we brought on board contributes strategically – whether through know-how, industry access or operational insight. This alignment has been key to our growth.”*

**Mazen Rizk, founder and CEO**

### TAKEAWAY

#### Smart capital

Investors that bring know-how and network can add value and reduce risk.

The importance of IP was evident to Infinite Roots from the outset, and the creation of a robust IP strategy was a key factor in attracting substantial investment in the company during the early years. The company regards its strategic approach to IP not merely as protection against copycats, but a significant competitive advantage over other companies. Initially, they prioritised active protection of trade secrets to support future plans for patenting. However, before the Series A stage there was a strategic shift towards developing a comprehensive IP strategy framework that encompassed multiple forms of IP rights, including a balanced portfolio of patents and trade secrets to support long-term growth and platform scalability.

From the investor's perspective, as the company matured the quality orientation of the IP strategy became more important than the number of patent applications and patents held. Investors in the early stages tend to place significant emphasis on the founding team, their vision, their technological capabilities and the potential for strong IP protection. As the company progressed to Series B, the primary focus in the due diligence process shifted to technical and regulatory aspects and IP rights.

Infinite Roots was also able to secure some small national grants for which IP did not play a key role, mainly due to the institutions' focus on early-stage companies. This was not the case for the European Innovation Council (EIC), however, which took a more comprehensive approach to examining the IP portfolio - not only during the evaluation stage, but also as part of the subsequent tech and legal due diligence carried out before the final decision on equity investment. The EIC funding enabled Infinite Roots to secure additional financing and expand its network through access to pitching events and business acceleration services, which is especially beneficial in the early stages of a company.

2. See the EPO's [Patents, trade marks and startup finance study](#), which found biotech was the most IP-intensive technology sector.

### Box 1: IP due diligence in Series B funding

IP due diligence is a critical step that allows investors to evaluate the strength, risks and strategic business value of a company's intellectual property. The scope of the process will vary, depending on the specific IP portfolio of the company in question. Typically investors will provide a list of questions, which is used to create a due diligence checklist. The company is then required to provide all requested documents and information.

In Series B, the Infinite Roots portfolio included trade secrets, trade marks and several pending and unpublished patent applications. The investors requested a comprehensive overview of the IP portfolio, including proof of filing, legal status, freedom-to-operate analysis, IP ownership records (e.g. assignments, employee agreements) and the measures taken to safeguard trade secrets. They then focused on the company's IP strategy

and execution to understand how IP is leveraged to support the business. Detailed questions were asked about the content of the filed patent applications, the rationale behind patenting versus trade secrets, jurisdictional filing choices, the IP landscape and how the chosen approach aligned with business objectives. The investors also reviewed patent examiners' search reports to assess the scope of protection and patentability of pending or non-published applications. The way Infinite Roots monitors the IP landscape caught the attention of investors, leading to further inquiries about the insights gained from tracking competitor activities and market trends and the challenges encountered in enforcement, to verify how proactive the company is in its monitoring. Overall, the company's well-documented and proactive IP approach increased the confidence of investors in Infinite Roots and its future.

**Table 1: Overview of private investments and grants by public authorities**

Type	Year	Lead investor / funding agency	Amount
Pre-seed	2018	FoodLabs	Not disclosed
Seed	2019	Simon Capital	\$2.2 million
Series A	2020	redalpine / Clay Capital	\$10 million
EIC Accelerator grant	2023	European Innovation Council	€2.5 million
Series B of which EIC Fund	2024	Dr Hans Riegel Holding	\$58 million €15 million
National grant	2021	German Federal Ministry for Economic Affairs and Energy (BMWi)	Not disclosed
Forschungszulage (German government support for R&D)	2021 2022 2023	German government	Not disclosed
National grant	2024	German Federal Ministry of Food and Agriculture (BMEL)	Not disclosed

## Investors' view

### FoodLabs

FoodLabs is a Berlin-based, globally active early-stage venture studio dedicated to supporting companies focused on advancing planetary and human health. Since it was founded in 2016 FoodLabs has built and invested in over 80 early-stage companies. It invests across sectors, including consumer goods, agriculture, biotechnology, climate solutions and synthetic biology.

The partnership between FoodLabs and Infinite Roots began in 2017, when Mazen Rizk was introduced to

Christophe F. Maire, founder and managing partner at FoodLabs. At the time, Mazen was conducting academic research at the university and Christophe encouraged him to take the risk and turn this work into a commercial venture. FoodLabs provided pre-seed funding and has participated in each funding round since, supporting Infinite Roots in its journey to market.

As an early-stage investor, FoodLabs prioritised a strong team and promising technology with IP potential when evaluating Infinite Roots. After investing, they encouraged the startup to develop an IP portfolio, recognising that the flexibility created by IP can support

different business models and commercial pathways, including licensing or vertical integration. *“Our focus on IP at FoodLabs has increased since we started, especially as we are focusing more on deep tech. However, while IP offers flexibility and allows for different business models, merely holding it is not enough. The decisive factor is still how effectively you can use it to achieve your business goals,”* says Christophe F. Maire.

Although it was not a prerequisite for investment in the early stages of Infinite Roots, over time IP has developed from strategic advantage to a formal expectation. By Series B, FoodLabs due diligence included a structured review of the company’s IP strategy and IP asset base, with the clear requirement that the startup must have built a robust IP strategy and a solid portfolio in line with its growth ambitions.

#### TAKEAWAY

##### Funding and IP requirements

As the level of investment increases with each round, so do investor requirements regarding IP. A lack of IP protection may be fine in the seed round, but would almost certainly be unacceptable in Series B, when a robust and well-developed IP strategy is essential for a deal.

## redalpine

redalpine is a Swiss venture capital firm. Since it was set up in 2006, it has brought together financial investment and operational expertise and an international network to support ambitious entrepreneurs. With over €1 billion in assets under management and a sector-agnostic investment strategy, the firm currently has over 95 companies in its portfolio and invests Europe-wide from its offices in Zurich and Berlin.

redalpine’s primary focus in leading Series A funding was on the potential of the technology, the composition and expertise of the team, and the prospects for IP protection. The Infinite Roots platform technology was a particular advantage, opening a wide range of commercial possibilities and providing valuable data for regulatory approvals. However, in the early stages it is crucial to avoid spreading efforts too thinly;

a go-to-market strategy focused on a narrower segment and a “killer application” is more likely to be successful.

#### TAKEAWAY

##### Flexibility through IP

To maintain flexibility from the outset, utilise IP to enable a variety of business options. However, in the initial stages, the primary focus should be on the “killer application” to lay a robust foundation for future growth.

Prior to investment redalpine conducted comprehensive IP due diligence, led by its in-house team and occasionally supported by external consultants. This assessment covered not only IP strategy and protection potential, but also freedom to operate, which is deemed essential in evaluating early-stage deep-tech ventures. The in-house presence of a scientific team enables the investor to engage with startups on a technical level, providing effective guidance on resource allocation post-investment. redalpine also holds a seat on the Infinite Roots advisory board, which allows it to actively support the company and stay updated on IP and regulatory developments, with regular check-ins.

For redalpine, IP is more critical than market penetration in the early stages of a deep-tech startup, and its importance increases with each funding round. “It’s fair to say that if patent protection had not been possible for this technology, we would not have invested in Series B,” says Oliver Pabst, General Partner at redalpine. Additionally, the investor recognised the value of having a platform technology, which offers flexibility across multiple applications and markets.

#### TAKEAWAY

##### Developing platform technology

Developing platform technology is a particular benefit, as it offers the potential for creating diverse products and accessing multiple markets, a factor that is highly regarded by investors.

## Dr Hans Riegel Holding

Dr Hans Riegel Holding (HRH) led the Series B round, joined by strategic investors such as the REWE Group and the EIC Fund. Unlike other investors, HRH actively scouts for technologies aligned with its strategic interests. Klaus-Peter Meier, former CEO of the Consumer Goods Division at HRH, said: *“The technology must first align with our strategy and demonstrate potential to advance technological development within the companies in our group”*. HRH’s investment strategy focuses on startups that address significant technological and global challenges, with the potential to become future suppliers to investee companies.

The initial contact between HRH and Infinite Roots was facilitated by a German investment fund, which shares its deal flow with HRH. Having identified mushroom fermentation technology as one of the focus areas, the investor evaluated and compared several companies active in the field. They valued the company’s approach to IP, which they see as a key driver of long-term USPs and competitive advantage, and their proactivity in terms of monitoring technological advancements within the competitive landscape.

For HRH, conducting IP due diligence is of the utmost importance and is usually carried out by external advisors. The conclusions and recommendations for the future are then shared with the company. A weak IP strategy would likely result in a delay in investment in Series B until the startup implements the necessary improvements. Additionally, HRH places a strong emphasis on the team, conducting a thorough three-day due diligence investigation to ensure that it is balanced and capable of driving future success. This underscores the notion that IP alone is insufficient to secure investment; it must be complemented by a capable team that instils investor confidence in the company’s future success. This is essential not only at the initial funding stage, but in subsequent rounds too.

### TAKEAWAY

#### Strategic investors

Strategic investors with a strong background in the technology sector place significant emphasis on the quality of the IP portfolio.

## The European Innovation Council

The European Innovation Council (EIC) was established under the EU Horizon Europe programme and is the EU’s flagship innovation programme for supporting the development and scale-up of breakthrough technologies. It has a budget of €10.1 billion to support game changing innovations throughout the lifecycle from early stage research to proof of concept, technology transfer and the financing and scaling of start-ups and SMEs. Under the EIC Accelerator wcompanies can receive up to €2.5 million for innovation activities and/or up to €10 million of dilutive equity investment for market deployment, managed by EIC’s venture investment arm, the EIC Fund.<sup>3</sup>

Proposals submitted to the EIC Accelerator funding programme undergo an evaluation by independent experts, followed by a pitch in front of a jury for the highest scoring proposals. At the interview, the jury decides whether to fund the project or not. The EIC ensures that risks related to business development are mitigated. IP strategy and management are therefore important aspects in both assessing proposals and implementing the projects funded. Prior to signing any agreement to make an equity investment, the EIC carries out extensive tech due diligence. This includes a thorough check of the IP portfolio and strategy and freedom to operate.

Failure to address IP matters convincingly could result in a negative decision at the interview stage. For Infinite Roots, the expert jury particularly favoured the combined use of patents and trade secrets, along with appropriate measures to maintain confidentiality, and with the fact that Infinite Roots holds full ownership rights to its IP portfolio. Infinite Roots successfully demonstrated to the jury that it has the necessary IP rights to ensure robust protection of the technology and that the technology enjoys freedom to operate through a thorough description of their IP strategy and an FTO analysis.

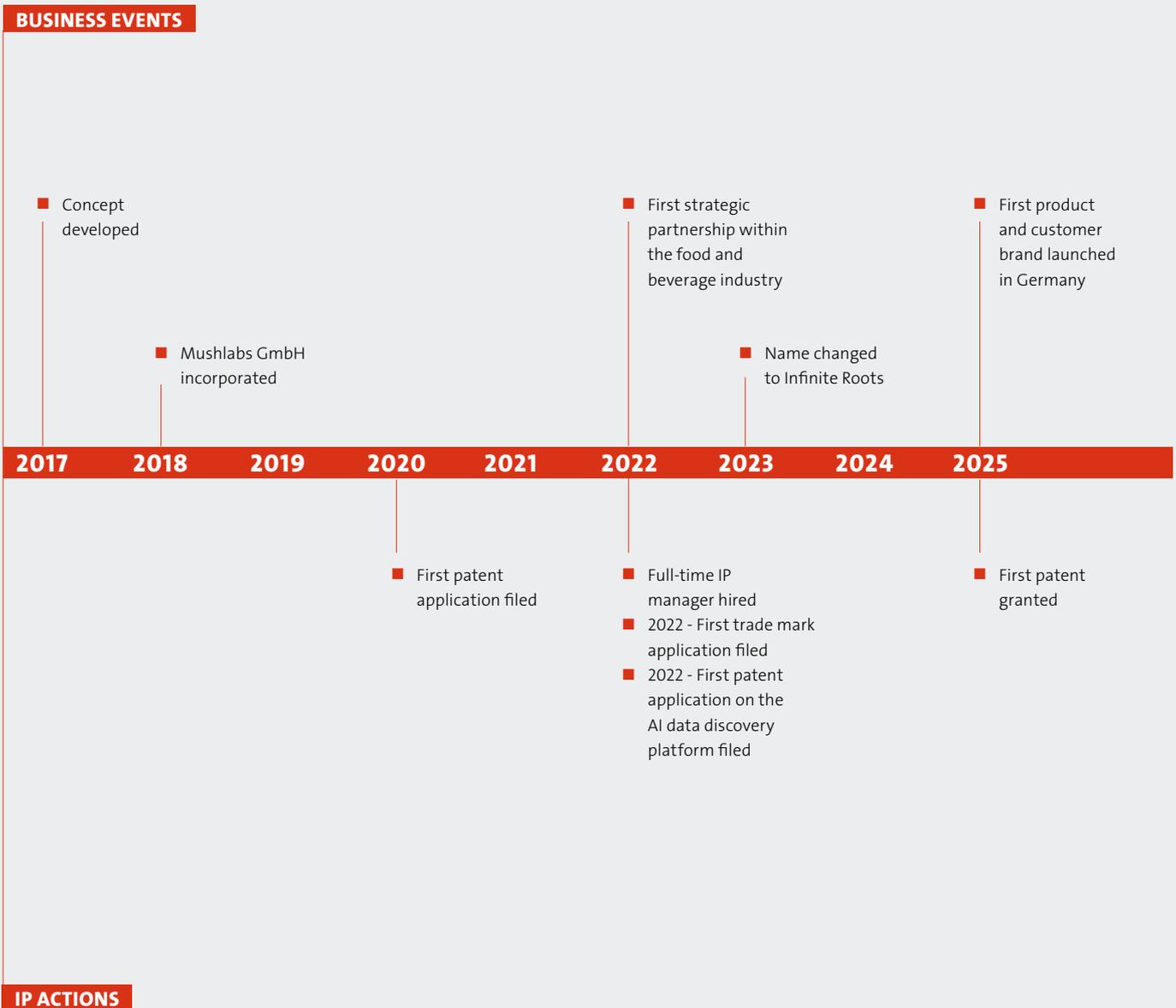
### TAKEAWAY

#### IP strategy in public innovation funding

In highly competitive later-stage public funding programmes like the EIC Accelerator, a strong and credible IP strategy is one of the decisive elements.

3. In 2025. Up to €30 million under the STEP Scale up call. For more details and specific conditions see the [EIC Work Programme](#).

## Timeline



## PROFILES

### Infinite Roots

- Founded in 2018
- Employees in 2024: 70
- Core technology: fermentation technology to cultivate mycelium (fermented mushroom biomass) as a sustainable and nutritious ingredient for various food products
- Product portfolio: mushroom-based food products
- Business model: combines own production, Contract Manufacturing Organization (CMO) production, and direct sales in key European markets, with plans to expand into regions like the Middle East and Asia through strategic partnerships and licensing agreements

### Mazen Rizk

- Scientist with expertise in biotechnology
- Founder and CEO of Infinite Roots
- Secured initial financing and was later joined by co-founders with complementary expertise

### Wassim W. Ayass

- Appointed as full-time IP manager at Infinite Roots in 2022 to develop and manage the company's IP portfolio
- Led the creation of a strong IP strategy and implementation of effective IP management practices
- Implemented IP awareness programs to promote a culture of innovation within the company

### Dr Hans Riegel Holding

- A strategic investment company that focuses on start-ups which address technological and global challenges, with the potential to become future suppliers to the holding's companies
- Led the Series B funding round for Infinite Roots, joined by REWE Group and the EIC Fund

### redalpine

- Swiss venture capital firm investing Europe-wide and across technology sectors
- Led Series A funding, focusing on technology potential, team expertise, and IP protection, participated in Series B funding

### FoodLabs

- Berlin-based early-stage venture capital firm and venture lab that supports planetary and human health sectors
- Provided pre-seed funding and has participated in every funding round since
- Encouraged Mazen Rizk to start his venture, leveraging his previous university research

### European Innovation Council (EIC)

- EU programme to support high-risk, high-impact innovation with grants and/or equity investment (the latter via the EIC Fund)
- Participated in Series B and provided financing as well as additional business support for scaling up, such as access to pitching events, training and coaching

## Overview of registered IP rights

### Selected applications

Title	Priority date	Patent number
Production of fungal biomass	24.12.2020	<a href="#">EP4267719A1</a>
Edible non-animal dairy substitute product comprising fibrous mycelium and methods of producing such	15.04.2021	<a href="#">EP4322757A1</a>
Production of coloured fungal mycelium	24.02.2022	<a href="#">EP4337758A1</a>
Process for continuous extraction of lignocellulosic material (Acquired from the Technical University of Hamburg)	02.08.2021	<a href="#">EP4381126A1</a>
Production of a fungal fermentation medium from brewer's spent grain	29.06.2022	<a href="#">EP4522722A1</a>
Method and system for fungal culture and characteristics prediction of mycelium derived products	28.07.2022	<a href="#">WO2024023343A1</a>
Fungal ingredients and derived products	19.10.2022	<a href="#">WO2024084014A3</a>
Prediction methods for fungal culture and characteristics	28.07.2023	<a href="#">WO2025026583A1</a>

### Selected trade marks

Title	Classes	Application date	EUTM Number
	1, 29, 30, 32, 35, 43	05.08.2022	18742550
Infinite Roots	1, 29, 30, 32, 35, 43	05.08.2022	18742553
	1, 29, 30, 32, 35, 43	05.08.2022	18742551
UNDR	29, 30, 32, 35, 43	19.04.2023	18864307
From UNDR	29, 30, 32, 35, 43	19.04.2023	18864272
New Feast	29, 30, 32, 35, 43	19.04.2023	18864274
Next Raze	29, 30, 32, 35, 43	19.04.2023	18864044
MushRoots	1, 29, 30, 32, 35	21.07.2023	18904677
MushRoots	1, 29, 30, 32, 35	21.07.2023	18904678
Mushtry!	1, 29, 30, 32, 35	21.07.2023	18904733
	1, 29, 30, 32, 35	07.03.2025	19153265

### Further technology transfer case studies at [epo.org/case-studies](https://epo.org/case-studies)

EPO Innovation case studies | ISBN 978-3-89605-404-3 | © EPO 2025, Munich, Germany | Editors: Pere Arque Castells, Thomas Bereuter, Ilja Rudyk | Author: Adéla Dvořáková | Photos: Infinite Roots | Disclaimer: Any opinions expressed in this case study are those of the author or the company and not necessarily those of the European Patent Office, European Commission or of the European Innovation Council and SMEs Executive Agency.