



bioRN
Life Science Cluster

**annual report
2024**



bioRN
Life Science Cluster

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introduction



bioRN
Life Science Cluster

Dear members, dear life science enthusiasts

2024 was a successful year for bioRN. With an increase of 30 new members, we are once again demonstrating the appeal of the bioRN Life Science Cluster.

Just like our region, the bioRN member network reflects excellence in science as well as high density of the life science industry. With 165 academic and global industry players joining bioRN we are stronger than ever.

Another success that will race into the region is the EU project PRECISEU. BioRN together with BIOPRO is chosen to be the German partner regions within 25 in Europe. This project will further expand the region's leading position in personalised medicine. With an outstanding bioRN Life Science Week and a new attendance record, we have once again proven: the region is developing into one of the top life science hubs in Europe!

With a brand new corporate design we continue to advance the **bioRN mission to develop the region into a world-leading life science cluster attracting international investments and top global talent!**

Many highlights moved us in 2024, some of which you will find on the next pages.

Let us inspire you!

1984 - Founding of Technology Park

21. October 1996
BioRegion Rhein-Neckar-Dreieck e.V.
1996 - Winner of BioRegion Competition

2001 - 39 Members

2008 - Winner of Leading Edge Cluster Competition

2010 - 89 Members

2011 - Founding of Health Axis Europe

2014 - Successful bid for the EIT KIC Healthy Living and Ageing: EIT

2015 - Winner of Cluster Internationalization Competition

2019 - 100 Members

2021 - First German Evotec BRIDGE beLAB2122 launched in our region

2022 - Gold Label Accreditation

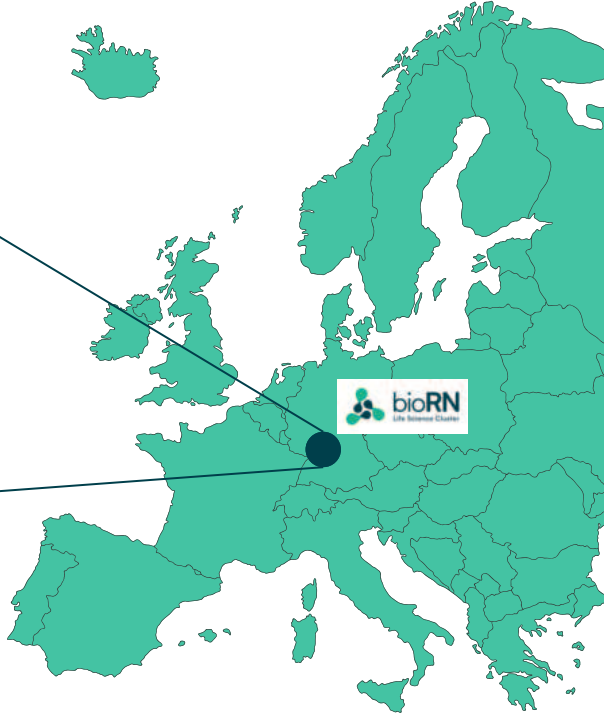
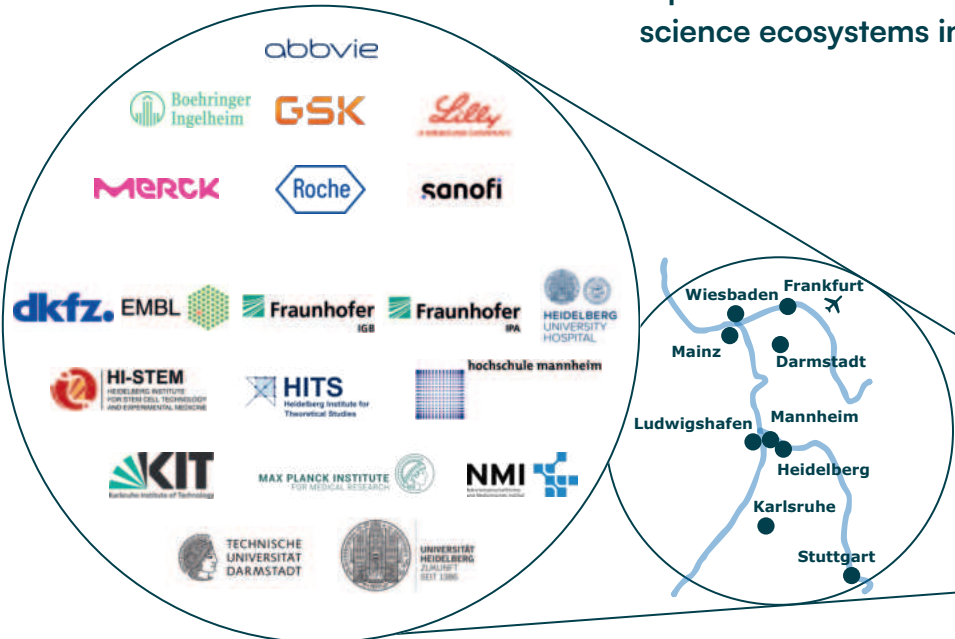
2022 - BioLabs Heidelberg

2024 - PRECISEU

2024 - renewal of the Gold Label status for Cluster Management Excellence

bioRN Life Science Cluster

tap into one of the most vibrant life science ecosystems in Europe!



the life science region

EXCELLENCE IN RESEARCH AND NATURAL SCIENCE

- > 15 Leading research institutis
- 14,000 Scientific employees
- 15,000 Students in life sciences
- > 17,500 Publications p.a.
- 45 Nobel Prizes affiliated to the region

6 of the 10 most cited scientists in the field of oncology from 2013 to 2022 are from Heidelberg

Source: databases of research institutes and Lab Journal; 2024

HIGH DENSITY INDUSTRY

- 7 Global pharma companies
- 1,200 Life science companies
- 21 startups p.a. (average of last 6 years)
- 70,000 Employees
- € 20 Mrd Revenue (w/o global pharma)

Source: ZEW; Biotechgate and own databases; status 2024

bioRN fields of activity

NETWORKING & STAKEHOLDER BRIDGING

We build bridges between members regionally and towards other innovative ecosystems worldwide. Nurturing and extending connections between all stakeholder groups is at the core of bioRN's activities.

PROMOTION & VISIBILITY

We promote our members and the life science region on national and international level through various communication channels.

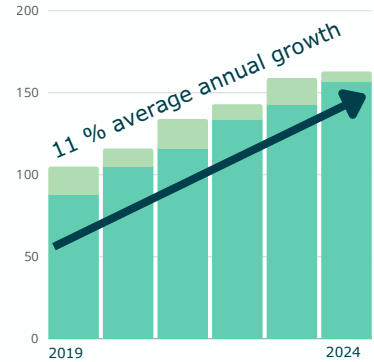
ADVOCACY

We maintain an ongoing and proactive dialog with public authorities to improve framework conditions for innovation on the life sciences and startups in particular.

TRANSLATIONAL SUPPORT

We continually work on new initiatives to bridge the translational gap between academia and industry.

new members



status Nov. 19th 2024

highlights '24

Life Science Week 2024

From October 8th–10th bioRN Life Science Cluster hosted 3 life science events attracting scientists, industry representatives and investors. They witnessed excellent research from the region, promising innovations in the field of personalised medicine and pitches from startups in the biotech, medtech and digital health sectors.

Premiere

Industry Academia Day (IAD)

8 principal investigators from local research institutes presented their pioneering projects in neuroscience and immunology. Tailored specifically for bioRN's pharmaceutical partners, including Abbvie, BI, GSK, Johnson & Johnson, Lilly and Sanofi this event provided a platform to create more public private partnerships.

highlighting the region's strength in translational research, entrepreneur- ship and personalised medicine

New branding



Life Science Investors' Day (LSID) Heidelberg 2024

24 handselected and pre-trained European startups in medtech, biotech, and digital health presented their innovations to around 60 international investors. The event is a joint project of bioRN, Life Science Accelerator Baden-Württemberg, BioLabs Heidelberg and Heidelberg Startup Partners, supported by its partners High Tech Gründerfond and BIOPRO Baden-Württemberg.

From the 120 applications – around 30 originated in the bioRN ecosystem – the event saw a 30% increase in investor registrations compared to the previous edition, underscoring the growing interest in the region's life science sector.

highlights '24



bioRN Annual Conference 2024 breaking records

The bioRN Annual Conference on October 9th in the Heidelberg Congress Center, attracted around 500 registered attendees and 32 exhibitors.

Focusing on breakthroughs in personalised medicine, the conference underscored the region's leadership in developing innovative therapeutic modalities, such as radiotherapy, antibody-drug conjugates (ADCs), and molecular precision diagnostics.

new logo

new website

new name

bye bye

bioRN Annual Conference

In 2025

we will take a break

from the annual conference.

See you back in Heidelberg 2026!

life

the biomedical convention

NETWORKING IN NUMBERS

- 1 bioRN Annual Conference
- 1 Life Science Investors' Day
- 1 Industry Academia Day
- 1 Private Investors' Day
- 9 bioRN Lounges
- 2 bioRN Espresso
- 3 bioRN HR Breakfasts
- 1 EY Report presentation
- 9 bioRN M2M interviews
- 12 Panels and presentations
- 2 Expo stands
- 3 Foreign delegations
- 1 NCT run

IN 2024 WE INSPIRED
AND CONNECTED

1414

LIFE SCIENCE ENTHUSIASTS

highlights '24

bioRN startup support

Life science founders need framework conditions that enable them to focus on their innovation. BioRN supports startups on their way and ensures networking with the relevant stakeholders.

A membership in the bioRN network for startups is therefore subsidised, as access to our network is one of the decisive factors for successful startups and continued existence.

In the Pharma Office Hours, we connect founders with experts who are available to share their many years of professional expertise and provide advice. This service pays off: one startup won a Golden Ticket at Biolabs Heidelberg, which includes one year's free use of the lab facilities. Over 25 startups have benefited from our support in 2024.

Catapult

BioRN is part of the EIT Health Catapult programme's executive team since its conception in 2016. Year after year, we have managed to build a strong community of successful alumni startups (303), corporates collaborating as sponsors (with over €800k in kind prizes and Nasdaq immensely valuable display prize) and investors following and supporting the programme, as well as our participating startups (over €625M). **Since 2024 we have been managing Catapult as project lead.** We see the programme as a mutually beneficial exchange between startups, corporates/sponsors, and investors. BioRN's involvement provides us with greater visibility and recognition at the European level, thereby highlighting our region and the key players within its ecosystem.



bioRN at BIO-Europe

From November 4th to 6th bioRN represented the life science region Rhine-Neckar together with 6 bioRN members at the "German Pavilion", a joint booth space organised by the Federal Ministry for Economic Affairs and Climate Action.

In addition to extensive partnering appointments, we were able to make many new contacts and inform interested parties about our numerous projects as well as inspire them with the latest innovations taking place in our ecosystem.



highlights '24



bioRN M2M Member to Member special edition: people shaping the life science region

The highly informative M2M interviews offer our member companies a stage to make their innovations even more visible. In this year's "M2M special edition", we have also put the spotlight on two personalities who are particularly impressive and move our life science region: Oliver Stegle, scientist and PI at DKFZ and EMBL, and Edith Heard, Director General at EMBL.



all interviews available at www.biorn.org

PRECISEU - advance the region's excellence in personalised medicine

Together with 25 partner organisations from 11 European countries, bioRN has been selected as partner in the EU flagship project PRECISEU to represent Germany together with BIOPRO Baden-Württemberg. The ambition of PRECISEU is to advance personalised medicine in Europe through the use of health data and advanced therapy medicinal products (ATMPs). Thanks to the high density of academic and industry excellence in the Rhine-Neckar region, bioRN will play a key role and thus raise the region's international profile as a leading location for personalised medicine. What is more, a large portion of the 24m Euro budget will flow into regional innovation actors.

Advocacy of the region on political level

Maintaining an ongoing dialog with political representatives is an important concern for bioRN. This year we organised together with the Health + Life Science Alliance Heidelberg Mannheim a Parliamentary Breakfast at the German Federal Parliament in Berlin. State secretaries and several members of the German Federal Parliament gained insights into the excellence of our biomedical science and business region as one of the top three hubs for health research and life sciences in Germany.



highlights '24

Premiere

bioRN Private Investors' Day

In February around 35 private investors were invited to the premiere of the bioRN Private Investors' Day.

The programme started with a presentation of InnoGrowth BW, the investment programme to strengthen the equity base of startups in Baden-Württemberg. Selected entrepreneurs presented their biomedical innovations. This was followed by a get-together, which offered plenty of space for personal discussions.



Wissenswertes Conference:

Germany's largest conference for science journalists was held this year for the first time at the Heidelberg University. Together with the Health + Life Science Alliance Heidelberg Mannheim, bioRN introduced themselves to around 400 science journalists and organized excursions to the EMBL and BioLabs Heidelberg. Interested parties were given an overview of the Innovation Campus and guided tours provided insights into the current research projects of the respective institutes and organisations.



bioRN is the hosting bioregion of the German Biotechnology Days 2025 in Heidelberg

With its application to host the German Biotechnology Days, bioRN has brought this leading event to Heidelberg for 2025. BioRN and its members will ensure visibility with a trade fair presence, showcasing their excellence in science and industrial strength to approximately 1,000 participants from 21 countries over two days.

For the first time the conference programme will be in English.

highlights '24



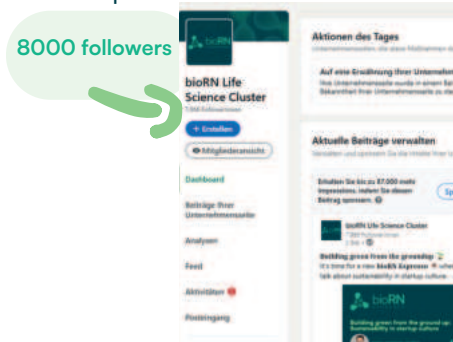
bioRN Sustainability Initiative and bioRN HR Community

BioRN has set up working groups to address the issues of sustainability and strategies for dealing with the “war for talents”. With the aim of imparting knowledge and exchanging best practices, forces are being pooled in the ecosystem.



bioRN in the media

This year, we were featured with articles in print magazines such as transkript, EBR Magazine, European Biotechnology Magazine, and econo. Our expertise in building up a world-class innovation cluster was in demand on various panels and workshops.



Social Media activities

Our news are well received: with an annual growth of around 1000 followers, LinkedIn is our strongest communication channel.

Don't miss the “Highlights of the Week” were we report each Friday on the most successful projects, researchers and innovations from the region.



Relaunch of the bioRN website

Together with the new bioRN logo we have relaunched the homepage with the aim to develop a clear and user-friendly platform that provides the latest information from our life science ecosystem.

members from a-z

AaviGen GmbH
AbbVie Deutschland GmbH & Co. KG
AcademicLabs NV
ACROBiosystems AG
Actome GmbH
Affimed GmbH
AGC Biologics GmbH
AnaBioTec NV
Anavo Therapeutics B.V.
Aomics GmbH
ARCONDIS GmbH
Ardigen S.A.
ariadne.ai (Germany) GmbH
Ascendis Pharma GmbH
BAST GmbH
Bayer AG
BD Becton Dickinson GmbH
BIMOVIS GmbH
BioCat GmbH
BIOCRATES Life Sciences AG
Biokryo GmbH
BioLabs Heidelberg
BioMed X GmbH
BioRépair GmbH
BioThrust GmbH
Boehringer Ingelheim GmbH
BPL Biotech&Pharma Logistics GmbH
btS e.V.
cAHRmeleon Bioscience GmbH
Cell Signaling Technology
Cellzome GmbH - a GSK company
Celonic Deutschland GmbH & Co. KG
Cogitars GmbH
Concept Heidelberg GmbH
CORAT Therapeutics GmbH
dAIgnosis
Daiichi Sankyo Europe GmbH
DataHarmony Ltd
Deep LS GmbH
Deutsches Krebsforschungszentrum
DGP Intelsius GmbH
Docuply UG
EMBLEM Technology Transfer GmbH
Eudrac GmbH
Europäisches Laboratorium für
Molekularbiologie (EMBL)
European Vaccine Initiative
Evotec International GmbH
faCellitate GmbH
Forever Healthy Foundation gGmbH
Forvis Mazars Rechtsanwalts-
gesellschaft mbH
Fraunhofer IGB Stuttgart
Fraunhofer (IPA)
Gelita Medical GmbH
Gemini PharmChem Mannheim GmbH
GenCC GmbH & Co. KG
Genius Search GmbH & Co. KG
GenScript Biotech (Netherlands) B.V.
Genscript Probio Technology (Nether-
lands) B.V.
GUIDED Development Heidelberg
GmbH
Gyros Protein Technologies AB
Health Research Services GmbH
Heidelberg ImmunoTherapeutics
GmbH
Heidelberg Pharma AG
HI-STEM gGmbH
HITS gGmbH
Hochschule Mannheim
Homo Novus GmbH & Co. KG

members from a-z

HS Analysis GmbH
Hummingbird Diagnostics GmbH
IHK Rhein-Neckar
IKTZ gGmbH
InnovationLab GmbH
INNOVECTIS GmbH
Inova DE GmbH
io-consultants GmbH & Co. KG
iQMedix GmbH
Isenbruck Bösl Hörschler PartG mbB
Janssen-Cilag GmbH
jtv plan
Karlsruher Institut für
Technologie (KIT)
KnowledgeAgent GmbH
Kreis Bergstraße
Kyoobe Tech GmbH
LBBW Venture Capital GmbH
ILEVA Sciences GmbH
Lilly Deutschland GmbH
Lonza AG
Marcommotion
Max-Planck-Institut für medizinische
Forschung

Medea Biopharma GmbH
Medicalvalues GmbH
Merck KGaA
MetaSystems Hard & Software GmbH
mfd Diagnostics GmbH
myotwin GmbH
Nanobot OÜ
NEC Bio Therapeutics GmbH
NEC Laboratories Europe GmbH
NEUWERK mbB
NMI an der Universität Tübingen
Novaliq GmbH
nuvalore GmbH
OCCIDENT Ventures GmbH
Octapharma Biopharmaceuticals
GmbH
OMNI Life Science GmbH & Co. KG
OWKIN France
PAICON GmbH
Panosome GmbH
PEPperPRINT GmbH
PHABIOC GmbH
Phialogics GmbH
Pitchload GmbH

PL BioScience GmbH
PlantShield GbR
Polysciences Europe GmbH
PROGEN Biotechnik GmbH
Promega GmbH
ProtaGene CGT GmbH
RACON Regulatory Affairs Consulting
GmbH
Recherche und Beratung
RHEACELL GmbH & Co. KG
Rhein-Neckar-Kreis
Rittershaus Rechtsanwälte Partner-
schaftsgesellschaft mbB
RLP Agrosience GmbH
Roche Diagnostics GmbH
Sanofi-Aventis Deutschland GmbH
Schrödinger GmbH
ScienceValue Heidelberg GmbH
Sciomics GmbH
Scope International GmbH
Singleron Biotechnologies GmbH
Sino German Hi Tech Park Holding
GmbH & Co. KG

members from a-z

Skylabs Development & Construction GmbH

SPT Labtech

Stadt Heidelberg

Stadt Mannheim

SURFACtoBioTech GmbH

Tcelltech GmbH

Techniker Krankenkasse (TK)

Technische Universität (TU) Darmstadt

Technologiepark Heidelberg GmbH

Technologiepark Mannheim GmbH

TET Systems GmbH & Co. KG

The Cultivated B GmbH

Thermo Fisher Scientific

Trans-Duodenal Concepts GmbH

ULLRICH & NAUMANN PartG mbB

Universität Heidelberg

Universitätsklinikum Heidelberg

(UKHD)

Valency Communications

ValueData GmbH (Medical Brick)

Vanudis GmbH

VectorBuilder GmbH

VERAXA Biotech GmbH

Verband der Chemischen Industrie e.V.

WISTA AG

WMT AG

World Courier (D) GmbH

Yumab GmbH

Zamann Pharma Support GmbH

ZentriForce Pharma Research GmbH

Zukunft Metropolregion Rhein-

Neckar e.V.

status of November 19th 2024

bioRN is member of:

BIO DEUTSCHLAND

BIO REGIONEN
DEUTSCHLAND

BIO PRO
Baden-Württemberg GmbH

CEBR
COUNCIL OF EUROPEAN BIOREGIONS

eit Health

go-cluster
EXZELLENT VERNETZT!

LinkHealth
@BW

...they say

„Nuvalore joined the bioRN organization to become part of this highly professional and innovative community. Through the networking and event activities organized by the bioRN team, Nuvalore was able to expand its network and gain valuable insights. Thanks to the bioRN Sustainability Initiative, we were able to exchange ideas with like-minded peers and elevate our green lab to a new level. Together, bioRN and Nuvalore can develop a synergistic partnership that fosters innovation and growth in the life sciences sector.“

„In life science companies everything is about innovation, people, technology, and speed. Some may think, clusters and networks are nice to have. No, they are essential for our success: resolving the everyday question whom to contact to seek further advice or inspiration. The bioRN Life Science Cluster and its amazing team stands out by relentlessly connecting all the relevant stakeholders in our region and filling our ecosystem with real life.“

“Working with bioRN, our partner in an EIT Health Bridgehead program to prepare our market entry in Germany, was an excellent experience. Their professionalism, flexibility, and availability stood out throughout the project. They took the time to truly understand our business goals, and we collaborated as a seamless team. Their support in scouting KOLs, potential users, and distributors is being instrumental in our business development goals.“



Anamarija Curic
CEO Nuvalore



Christian Roesky
CEO Novaliq



Francesco Palombara
Co-Founder
osteobionix

meet the team

Daniela Weber
Project Manager
Regional Ecosystem



Friedemann Loos
bioRN Scout Manager



Julia Schaft
Managing Director



Sibylle Geilenberg
Executive Assistant



Ursula Volk
Finance



Michelle Sommer
Project Assistant



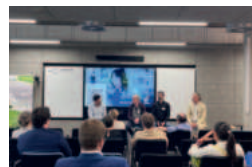
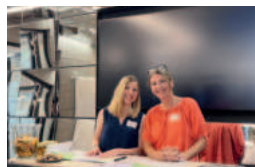
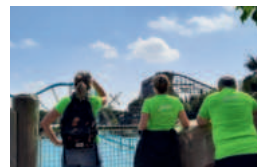
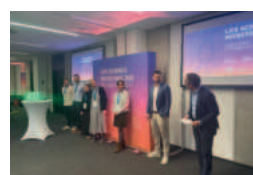
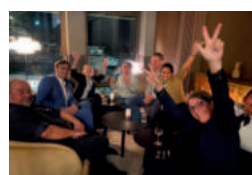
Arantxa Encinas-López
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Management



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**CREATE INNOVATION
FOSTER TRANSLATION**