

MEDICAL BIOHEALTH

SMALL AND MID CAP-ORIENTED BIOTECH FUND

BIOTECHNOLOGY - AN INDUSTRY OF THE FUTURE:
INVESTING IN INNOVATIVE MEDICAL PROGRESS

MEDICAL STRATEGY COMPANY PROFILE



- Company founded in 1992
- Since 2000: Advice and management of investment funds in the healthcare sector
- AuM: approx. 1.3 bn. €
- 13 employees











Biotech & innovative **BioPharma**



Main emphasis on small & midcap biotech stocks



Focus on innovative drug developers



Numerous awards



Long-term outperformance



#One of the leading independent healthcare investment advisers in Europe

#Focus exclusively on managing and advising equity portfolios in the healthcare sector

MEDICAL STRATEGYOUR TEAM



Interdisciplinary team: Scientists as portfolio managers



MARIO LINIMEIER
Managing Partner, Head of Portfolio
Management
Molecular biologist, business economist, 2
years as transaction consultant at KPMG,
10 years in portfolio management



DR. DOMINIK LOSER

Healthcare Analyst

PhD Biology, B.Sc. Medical Engineering,
M.Sc. Biomedical Sciences, research
experience



JÜRGEN HARTER

Managing Partner

Banker, qualified investment fund expert
(ZfU), over 35 years of experience in the banking and investment sector



KRISTOFFER UNTERBRUNER
Portfoliomanager
Molecular biologist, specialist in gene therapy



JULIAN NEHRIG
Healthcare Analyst
Medical doctor, B.Sc. in psychology,
experience as a study doctor



THOMAS VORLICKY
Managing Director
Business economist, many years of experience in a major bank



DR. ALEXANDER JENKE
Portfoliomanager
PhD Biology, business economist, Many
years of research experience



KATRIN WINTERSTEIN
Head of Trading and Market
Tracking
Banker, M.A.



MARTINA BERAN
Relationship Management
Commercial scientist, many years of experience in account management



DR. ANDREAS BUCHBENDER
Portfoliomanager
PhD Molecular Biology



PETRA SCHAFFER
Trading und Marktfolge
Technical Assistant, Fund Administration



FRANK HANNSTEIN

Relationship Management

Many years of experience in various positions in the asset management industry



STEFAN KRAFT
Head of Transaction Management,
Risk Controlling & Fund Reporting
Economist

SCIENTIFIC ADVISOY BOARD:

Prof. Dr. Thomas Zeller: Head Physician Angiology at the University Heart Centre Freiburg-Bad Krozingen
Prof. Dr. Karl-Christian Bergmann: Head of Practical Research at the Institute for Allergy Research at the Charité in Berlin
Prof. Dr. Andreas Rank: Senior physician for internal medicine, haematology and oncology at the Augsburg University Hospital

Dr. Stefan Meyer: former head global portfolio management, early pipeline "Oncology" & "Neurology/Immunology"

at Merck KGaA

Dr. Alexander To: US-Healthcare-Analyst

LEAPS IN MEDICINE CONVENTIONAL MEDICINE VS. BIOTECHNOLOGY

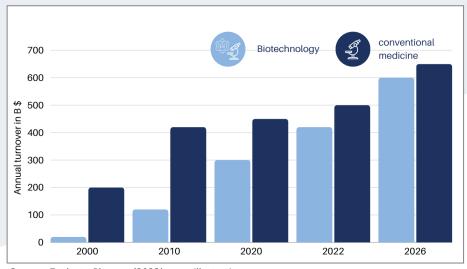


DIFFERENCES BETWEEN CONVENTIONAL MEDICINE AND BIOTECHNOLOGY

	Conventional	Biotechnology
chemical structure	simple	complex
development process	empirical screening	Biotechnology
fundamentals of research	plants, microorga- nism, organismsn	RNA, DNA, hormones
method of administration	typically a pill	typically an injection or infusion

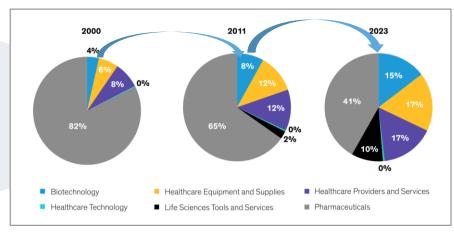
Source: Evaluate Pharma (2022), own illustration

SALES BY TECHNOLOGY AREA



Source: Evaluate Pharma (2022), own illustration

BIOTECH SHARE IN THE HEALTHCARE SECTOR



Source: MSCI and AllianceBernstein (AB) Status: 31.12.2000, 31.12.2011, 30.09.2023

Past performance is no guarantee of future results. Figures may not add up due to

rounding.

The proportion of therapies from biotechnological research is steadily increasing



QUANTUM LEAPS IN MEDICINE

Promising Innovations

CANCER/ ONCOLOGY

New oncology therapies increase chances of cure and prolong survival

ORPHAN DISEASES

Increasing number of rare diseases treatable

CARDIOMETABOLIC DISEASES

Promising new therapy options for the common diseases diabetes and obesity

AUTOIMMUNE DISEASES Autoimmune diseases **are very common** and the need for new treatments is high

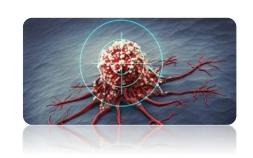
CNS DISORDERS

Great hopes for the future lie in new therapeutic options for CNS diseases

QUANTUM LEAPS IN MEDICINEONCOLOGY: MAJOR ADVANCES



New Methods & Approaches



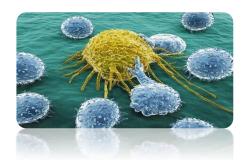
PRECISION MEDICINE

- ✓ Identification of individual genetic information ("biological markers") to decipher the mechanism of the tumor that drives cell growth.
- ✓ Using these analyses, a targeted therapy can be developed
- ✓ Maximizing the success of therapy through tailored treatment



IMMUNO-ONCOLOGY

- ✓ Use of the immune system to fight cancer
- ✓ Tumor cells use defense mechanisms to evade immune defenses and ensure their survival
- ✓ Cancer immunotherapy:Targeted elimination of tumor defense mechanisms and activation of the immune system



Drugs act unselectively on tumor

Consequences: Undifferentiated effect with sometimes considerable side effects.

QUANTUM LEAPS IN MEDICINE

ONCOLOGY

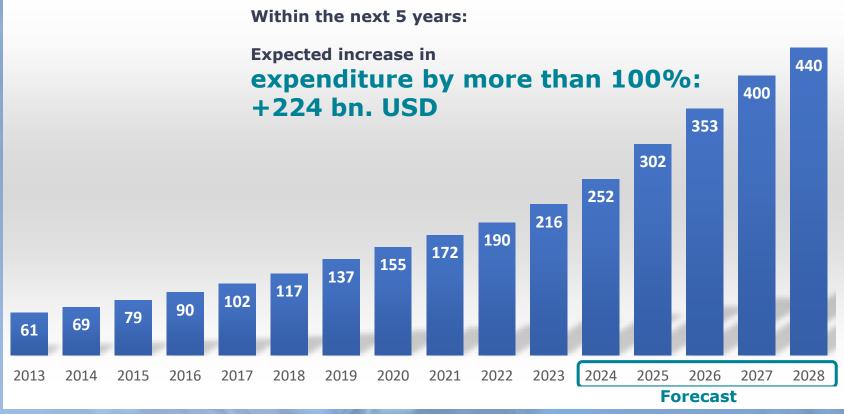
Above-average growth

- ✓ > 10 years of doubledigit growth
- ✓ Forecasts:
 - ✓ Expected increase of global spendings until 2028 to approx.

440 Bn. USD

✓ >100 new drugs

Global spending in billions of USD on cancer treatment



Sources: IQVIA Institute, Global Use of Medicine - Outlook to 2028, January 2024; own illustration Past performance is no quarantee and no indicator of future performance.



QUANTUM LEAPS IN MEDICINEORPHAN DISEASES



When is a disease rare?

 A disease is considered rare if it affects less than 200.000 (US) or less than 1:2000 (EU) individuals



Prevalence of rare diseases

- Approx. 300 million affected worldwide (50% of them children))
- **30%** die before reaching their 5th birthday
- Approx. **7.000** rare diseases (only **5%** treatable)



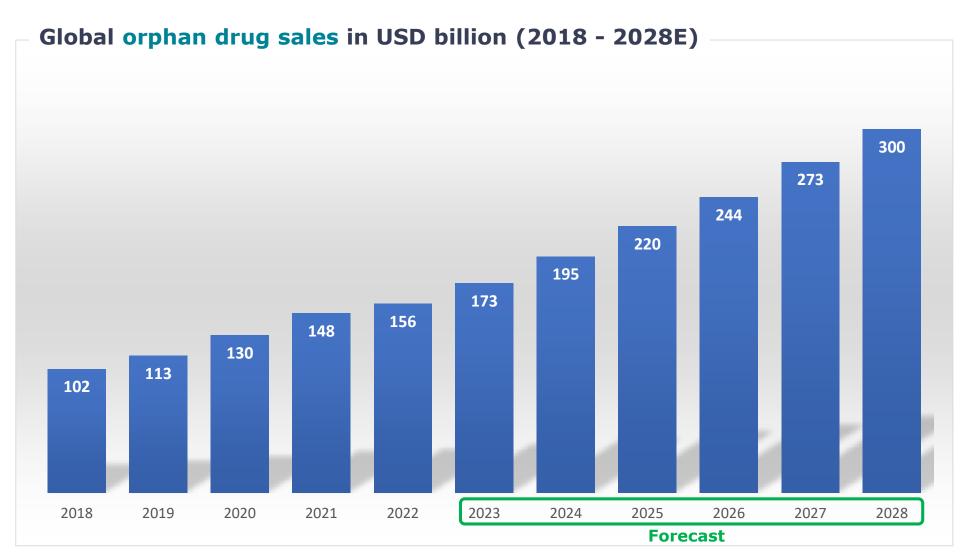
In four of the last five years, the FDA has approved more drugs for rare diseases than for their non-rare counterparts



Gene therapy approaches as a source of hope

QUANTUM LEAPS IN MEDICINE ORPHAN DISEASES





Orphan drugs sales growth:

12% annually vs. 7.0% for other drugs

Share of total turnover:

from approx. 13% (2018) to approx.

20% (2028) expected

Source: Evaluate Pharma, March 2023; Graph own representation

QUANTUM LEAPS IN MEDICINE CARDIOMETABOLIC DISEASES



What are cardiometabolic diseases?

- Cardiac calcifications, heart attacks, strokes & co.
- Risk factors: diabetes, obesity, high blood pressure, unhealthy diet, inactivity, smoking, etc.

Prevalence of cardiometabolic diseases

- Cardiovascular diseases are among the leading causes of death worldwide
- Risk factors can be influenced and open up great potential for prevention



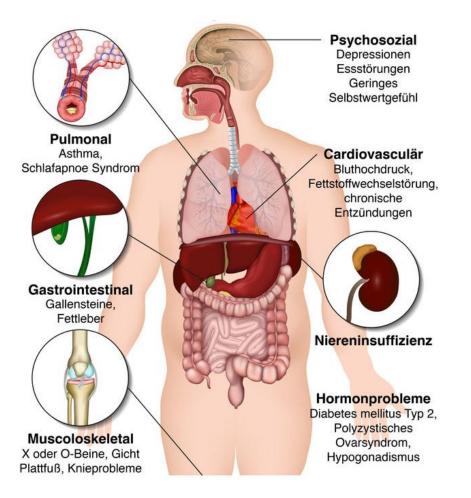
In addition to many existing therapeutic approaches and behavioural changes, **new drug treatments for obesity** are a beacon of hope.



QUANTUM LEAPS IN MEDICINE OBESITY: SECONDARY DISEASES & COSTS

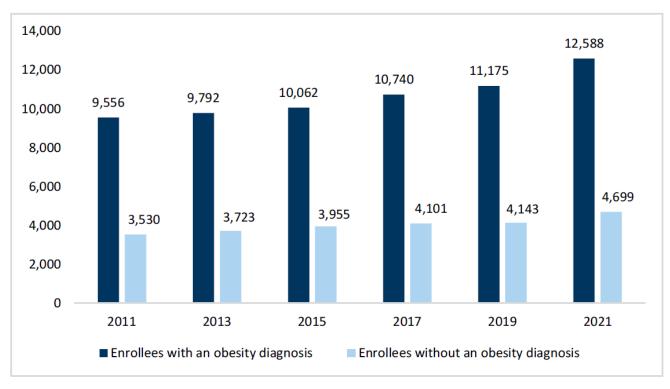


Consequences of obesity



Source: https://adipositas-muenchen.de, Accessed on: 19.10.2023

Average annual healthcare expenditure for US health insurance policyholders with and without obesity diagnosis, 2011-2021 (USD)

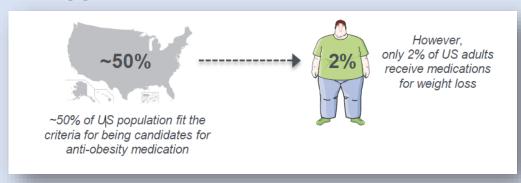


Source: Obesity: A Review of the Basics, Goldman Sachs Investment Research 2023

QUANTUM LEAPS IN MEDICINE OBESITY: MARKET POTENTIAL THERAPY OPTIONS



The obesity market is still largely untapped



Source: Piper Sandler Research, BioInsights: Why We're Overweight On Obesity; 2023

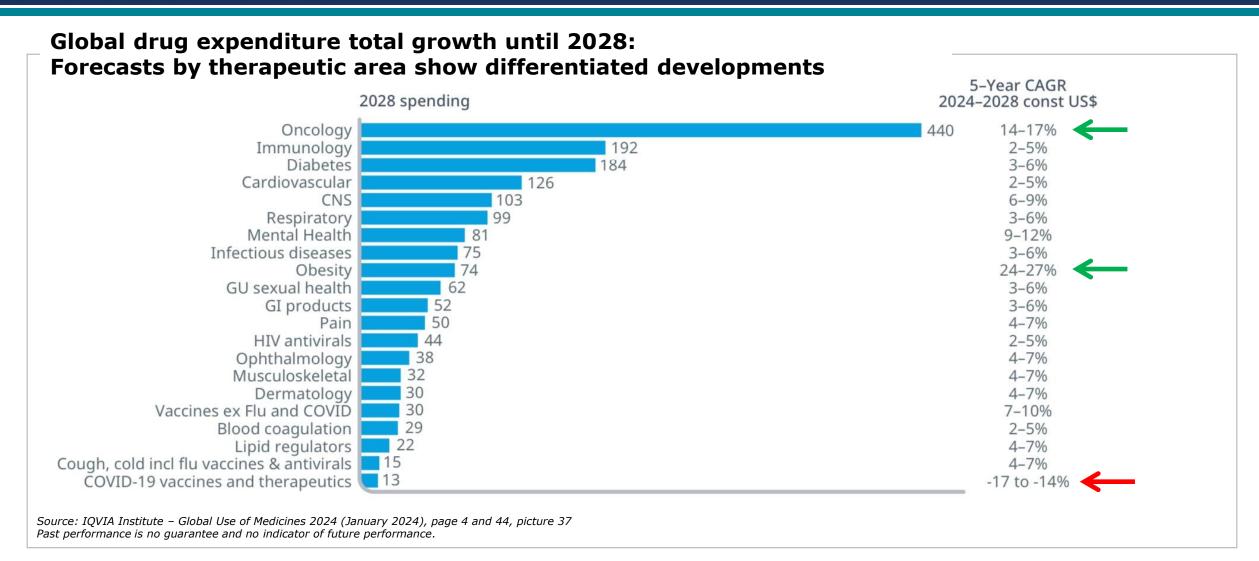
Market potential for obesity therapeutics – Growth forecast to 100 bn. USD in 2030



Source: Obesity: A Review of the Basics, Goldman Sachs Investment Research; 2023

QUANTUM LEAPS IN MEDICINE ONCOLOGY AND WEIGTH-LOSS THERAPIES IN FOCUS

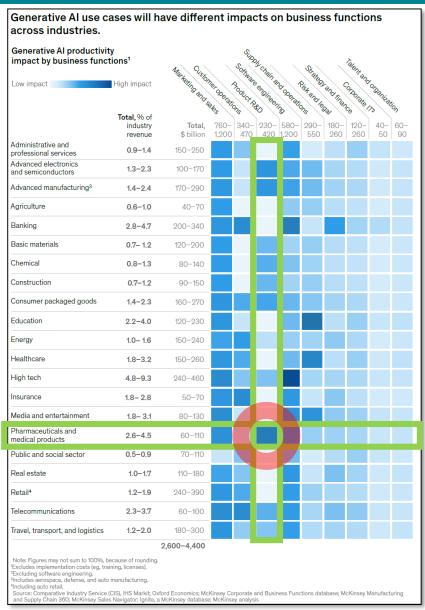




... with **highest growth rates** with regard to drug expenditures

QUANTUM LEAPS IN MEDICINE CATALYST ARTIFICIAL INTELLIGENCE







The economic potential of generative A.I. Report *June 2023*

In which industry does McKinsey expect the greatest impact of

Artificial Intelligence

in the area of "Research & Development"?



For pharmaceutical and medical products

More precisely: **drug development**

"Accelerating the selection of proteins and molecules suitable as candidates for new drug formulations"

QUANTUM LEAPS IN MEDICINECATALYST ARTIFICIAL INTELLIGENCE



Development of a drug:

2.300.000.000 \$

average development costs

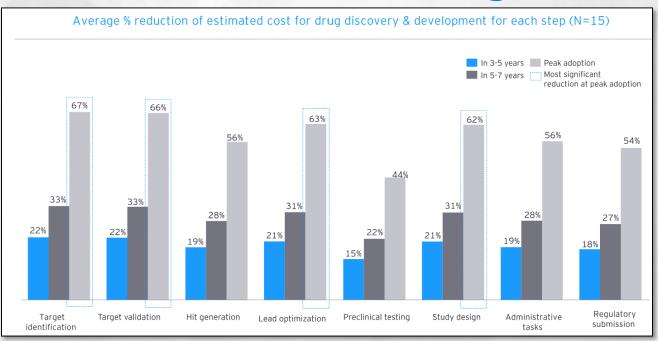
12-13 years average development time

Use of AI in drug development:

minimum

25% to >60%

time and cost savings



Source: https://www.ey.com/en_us/life-sciences/how-pharma-can-benefit-from-using-genai-in-drug-discovery; accessed on: 07.03.2024 Past performance is no quarantee and no indicator of future performance.

BIOPHARMA IN FOCUS DRUG DEVELOPMENT

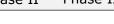


Preclinical Research

Efficacy & safety data in cell culture and animal models



Probability of authorisation

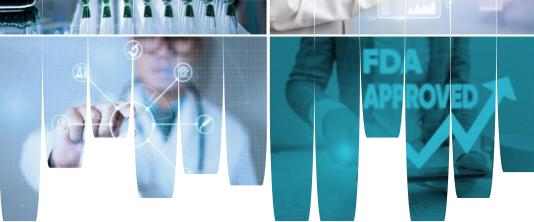


BASIC RESEARCH

Search for therapeutic targets



PATENT EXPIRED **COMMERCIALIZATION**



Market launch & start of distribution; Possibly through partners

CLINICAL EXAMINATION PHASES

Phase I: Tolerance, side effects, healthy

subjects

Effectiveness, small number of Phase II:

patients

Phase III: Expansion of the number of

patients, different groups

Submission of registration data

ADMISSION PROCEDURE

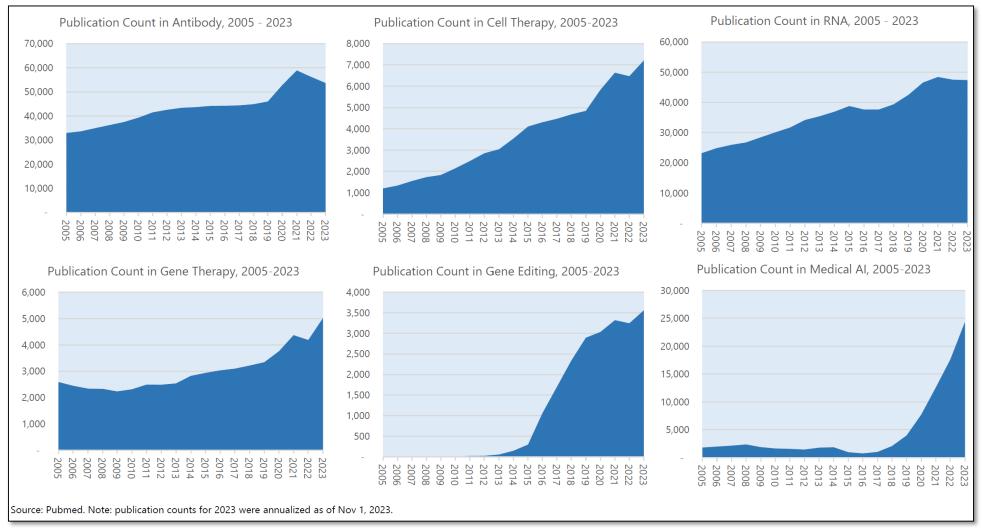
Probability of authorisation



Authorisation



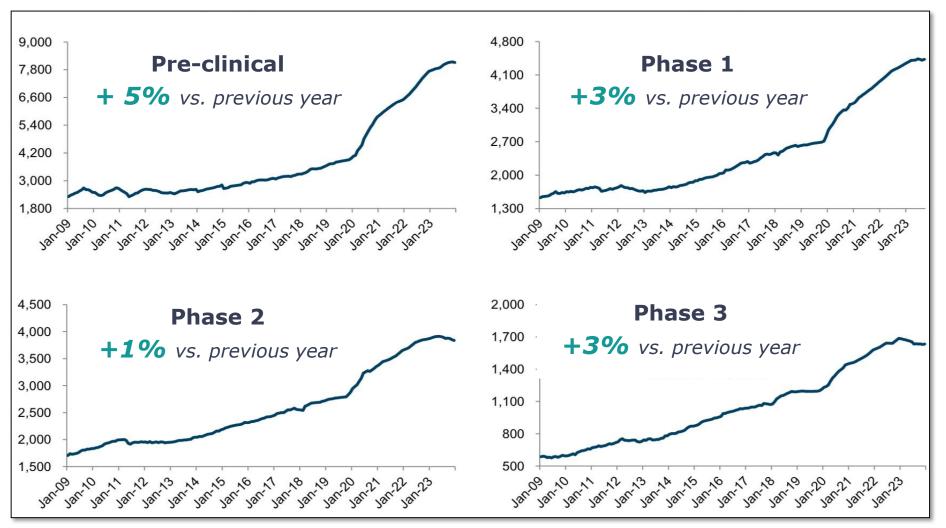
The pace of innovation is increasing: Research publications on new innovative technologies are growing rapidly





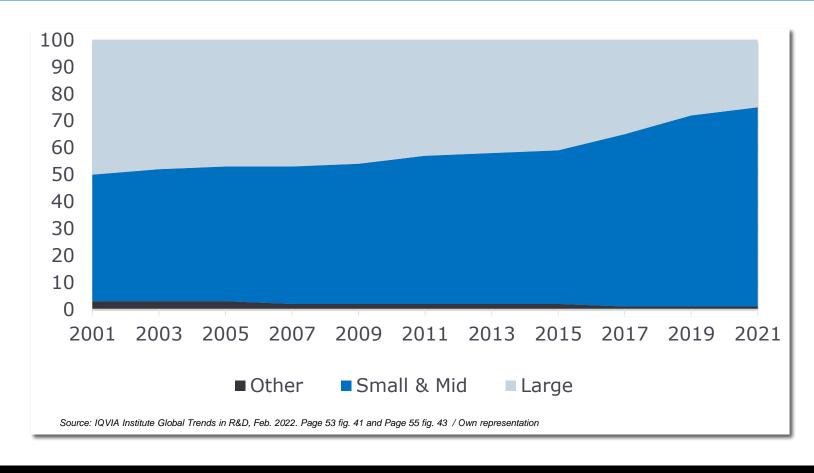
The pace of innovation is increasing:

The programmes in the pre- and clinical development phases have also been growing strongly for years





> 70% of the global clinical pipeline are developed by small and mid caps



Focus on young innovators with high growth potential

BIOPHARMA IN FOCUS SUPPLY OF EQUIY CAPITAL - PIPES AND FOLLOW-ONS





Good start in 2024:

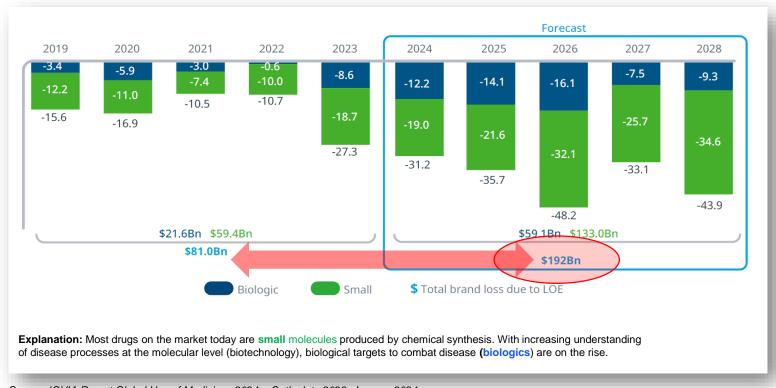
14,4 bn. USD equity inflow in the first quarter 2024 Historically highest volume of PIPE-deals in one quarter

BIOPHARMA IN FOCUSHISTORICALLY HIGH PATENT EXPIRIES



Annual sales threatened by patent expiries in the next 5 years

>190 bn. USD in the 10 leading industrialised nations



Source: IQVIA Report Global Use of Medicines 2024 – Outlook to 2028; January 2024

The pharmaceutical industry has little choice but to **increasingly take over biotech companies** in order to replace products that it cannot and does not want to manufacture itself.

BIOPHARMA IN FOCUS INNOVATION PRESSURE AT BIGPHARMA



"A storm is coming": huge patent expirations in the coming years (2022-2029).



BIOPHARMA IN FOCUSINNOVATION PRESSURE AT BIGPHARMA



What to do?





Acquire companies with innovative products



Increase own research expenditure



BIOPHARMA IN FOCUS ORIGIN OF MOST IMPORTANT PHARMA PRODUCTS



Origin of Key Pharma Products (Ranked by FY22 Sales)

Key Products	abbvie	AMGEN	AstraZeneca 2	filli	Lilly	GILEAD	GSK	Jul	MERCK	6 NOVARTIS	novo nordisk	≥ Pfizer	Roche	SANOFI
#1 Product	Humira	Enbrel	Tagrisso	Eliquis	Trulicity	Biktarvy	Shingrix	Stelara	Keytruda	Cosentyx	Ozempic	Comirnaty	Ocrevus	Dupixent
#1 Source	Acquired	Acquired	Organic	Acquired	Organic	Acquired	Organic	Acquired	Acquired	Organic	Organic	Licensed	Licensed	Licensed
#2 Product	Botox	Otezla	Farxiga	Revlimid	Verzenio	Veklury	Xevudy	Darzalex	Gardasil	Entresto	Novorapid	Paxlovid	Perjeta	Flu Vaccine
#2 Source	Acquired	Acquired	Licensed	Acquired	Organic	Organic	Licensed	Licensed	Licensed	Organic	Organic	Organic	Organic	Organic
#3 Product	Skyrizi	Repatha	Imfinzi	Opdivo	Taltz	Genvoya	Triumeq	Invega	Lagevrio	Promacta	Tresiba	Eliquis	Hemlibra	DTaP vaccine
#3 Source	Licensed	Organic	Organic	Acquired	Organic	Acquired	Organic	Licensed	Licensed	Acquired	Organic	Licensed	Licensed	Organic
#4 Product	Imbruvica	Kyprolis	Lynparza	Pomalyst	Jardiance	Descovy	Trelegy	Imbruvica	Januvia	Gilenya	Victoza	Prevnar	Tecentriq	Lantus
#4 Source	Acquired	Acquired	Acquired	Acquired	Licensed	Acquired	Licensed	Licensed	Organic	Organic	Organic	Acquired	Organic	Acquired
#5 Product	Rinvoq	Neulasta	Symbicort	Orencia	Humalog	Harvoni	Nucala	Tremfya	Simponi	Tasigna	Rybelsus	Ibrance	Actemra	Aubagio
#5 Source	Organic	Organic	Organic	Acquired	Organic	Acquired	Organic	Organic	Licensed	Organic	Organic	Acquired	Licensed	Acquired
% Acquired / Licensed	80.0%	60.0%	40.0%	100.0%	20.0%	80.0%	40.0%	80.0%	80.0%	20.0%	_	80.0%	60.0%	60.0%

The purchase of therapies and companies is a key growth factor

BIOPHARMA IN FOCUS INCREASING TAKEOVER ACTIVITIES EXPECTED

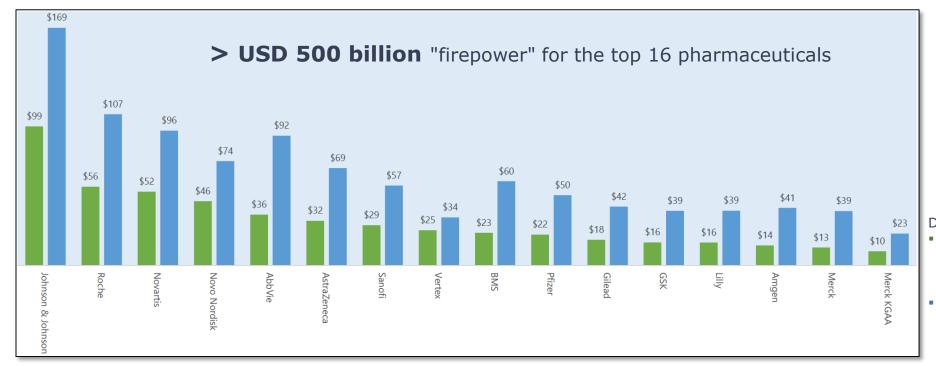


Reasons for expected increase in number of takeovers

- Patent cliff and rebate obligation (IRA)
- Low valuation levels
- Historically high liquidity reserves

leads to high demand for big pharma/biotech to fill up pipelines of small and mid Caps

at a large number of large cap companies



Definition:

- **Comfortable financial strength:** Amount of debt that a company can take on with a current EBITDA in order to achieve a net debt/EBITDA ratio of 3x.
- **stretched financial strength:** Would bring a company to a net debt/EBITDA ratio of 5x.

Source: Stifel (Healthcare) – Why Invest in Biotech? as of 23.11.2023 Past performance is no guarantee and no indicator of future performance.

OUR FUND: MEDICAL BIOHEALTH ACQUISITIONS OF PORTFOLIO COMPANIES



Ye	ar	Date	Share/Name	Buyer	Bonus	Weigh- ting	Domain
		19.01.2022	Zogenix	UCB	66%¹	1,00%	Orphan
		13.04.2022	Sierra Oncology	GlaxoSmithKline	39%	0,84%	Oncology
		13.04.2022	Antares Pharma	Halozyme Therapeutics	49%	0,65%	Administration
		10.05.2022	Biohaven Pharma	Pfizer	79%	1,71%	Migrains
		03.06.2022 Turning Point		Bristol-Myers Squibb	122%	0,90%	Oncology
202	22	11.07.2022 La Jolla Pharma 04.08.2022 ChemoCentryx	Innoviva	70% ³	0,07%	Cardiovasc.	
			Amgen	116%	0,79%	Orphan	
		08.08.2022 Global Blood Therapeutics		Pfizer	90% ⁴	0,92% ⁴	Orphan
		22.08.2022	Aerie Pharmaceuticals	Alcon	37%	1,24%	Eyes
		24.10.2022	Myovant Sciences	Sumitovant Biopharma	50% ⁵	1,36% ⁵	Oncology
		07.11.2022	Oyster Point Pharma	Viatris	31% ¹	0,30%	Eyes
		09.01.2023	Albireo Pharma	Ipsen	84% ¹	1,80%	Orphan
		19.01.2023	Concert	Sun Pharma	16% ¹	0,68%	Autoimmune
		13.03.2023	Provention Bio	Sanofi	273%	0,42%	Autoimmune
	L	13.03.2023	Seagen	Pfizer	33%	3,04%	Oncology
		18.04.2023	Bellus Health	GlaxoSmithKline	103%	1,00%	Respiratory
202	22	01.05.2023	05.2023 Iveric Pharma Astellas Pharma		22%	1,07%	Eyes
20,	23	10.05.2023	CTI BioPharma	Sobi	98%	0,95%	Oncology
		06.06.2023	Paratek Pharmaceuticals	Gurnet Point Capital & Novo Holdings	41% ^{1/4}	0,26%4	Antibiotics
		12.06.2023	Chinook	Novartis	67% ¹	0,69%	Orphan
		28.07.2023	Reata Pharmaceuticals	Biogen	58%	2,34%	CNS
		03.10.2023	Point BioPharma	Eli Lilly	87%	0,41%	Oncology
		30.11.2023	ImmunoGen	AbbVie	95%	2,72%	Oncology
		08.01.2024	Ambrx BioPharma	Johnson & Johnson	105%	0,50%	Oncology
	24	12.02.2024	CymaBay	Gilead	27%	3,86%	Orphan
202	24	19.03.2024	Fusion Pharma	AstraZeneca	97% ¹	0,36%	Oncology
		29.04.2024	Deciphera Pharmaceuticals	ONO Pharmaceuticals	75%	0,79%	Oncology

33 acquisitions of portfolio companies in the last 3.5 years

Young **innovation leaders** in the focus of M&A deals

Continued **high level of funds** for large caps

Takeovers create **added value** in the fund

=> performance contribution:

2021: 1.01%2022: 9.42%2023: 12.57%

An interdisciplinary team enables:

- ✓ **Biotech:** Identify "real" innovation
- ✓ Pharma: Identify which companies need "innovation buy-in" in which therapeutic areas

¹ plus right of rectification in the event of product success (CVR)

² Offer in cash and shares

³ based on the volume-weighted average share price on the 30 days prior to announcement of the takeover Past performance is no guarantee and no indicator of future performance.

⁴ Share price increase since the start of the takeover rumors; Weight before start of the takeover rumors 5 Price increase/weighting since the last trading day prior to the first non-binding takeover bid

OUR FUND: MEDICAL BIOHEALTH UNDERVALUATION BASED ON PEAK SALES



Examples for companies with a valuation
≤ 2 - 2,5x
of potential annual peak sales

As of 13.2.24;
Takeover
announcement by
Gilead on
14.2.2024
for 4,3 bn. USD

Company	Potential annual Peak Sales.*	Current Market Capitalisation*	Therapy Area	Product Status	
Moonlake	> 3,5 bn. USD	2,9 bn. USD	Autoimmune diseases	Admission process	
Ascendis	> 5 bn. USD	8,4 bn. USD	Orphan	On the market	
Bridgebio	> 5 bn. USD	6,0 bn. USD	Cardiovascular	On the market	
NI Pharmaceuticals	> 700 mn. USD 1,4 bn. USD		Orphan	On the market	
onis	> 4 bn. USD	6,6 bn. USD	Orphan	On the market	
4irum	> 750 mn. USD	1,3 bn. USD	Orphan	On the market	
Springworks	> 1 bn. USD	3,6 bn. USD	Oncology	On the market	
antheus	> 3,4 bn. USD	4,5 bn. USD	Oncology	On the market and profitable	
Crinetics	> 1 bn. USD	2,7 bn. USD	Endocrinology	Admission process	
ymabay	> 1 bn. USD	3,7 bn. USD	Metabolic Diseases	Admission process	
9bio	> 1 bn. USD	1,1 bn. USD	Metabolic Diseases	Admission process	
/alneva	> 1 bn. USD	492 mn. USD	Infectious Diseases	On the market	
Cogent	> 2 bn. USD	727 mn. USD	Oncology	Zulassungsprozess	
nsmed	> 2 bn. USD	4,1 bn. USD	Infectious Diseases	On the market	

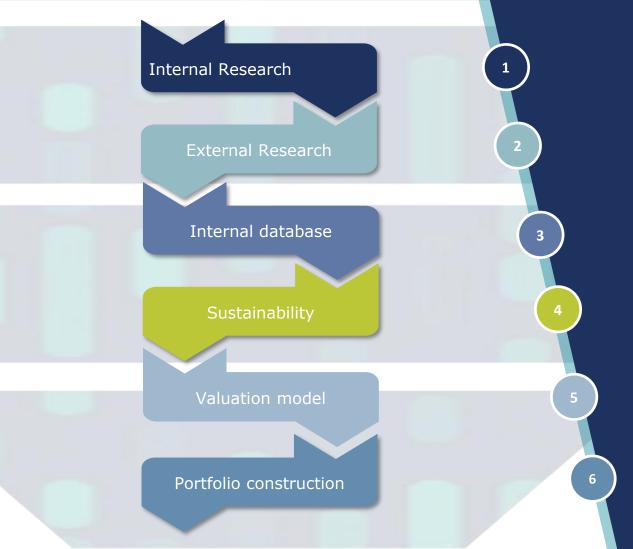
^{*}Sources: Visible Alpha, William Blair, Evercore, Cowen, Leerink, LSEG, own research, presentation Medical Strategy, as of 29.02.2024

~50% of the portfolio is invested in stocks with a vluations of less than 2 - 2.5x peak sales. Based on our assumptions, a fair valuation is around 4x.

Drug development is associated with risks. This presentation is for information purposes only and does not constitute a public offer, recommendation, advice or solicitation to buy or sell the securities mentioned or fund shares. It is not a financial analysis and therefore does not have to meet all legal requirements for the impartiality of financial analyses.

OUR FUND: MEDICAL BIOHEALTH OUR INVESTMENT PROCESS





Company contacts
Annual reports
Investment conferences
Scientific congresses & publications
Expert opinion*

Specialized brokers

~900 companies Development status, patents, competition, financial parameters

- ✓ Consistent exclusion of companies with serious environmental, human rights and business ethics violations
- ✓ Cooperation with one of the world's leading ESG data providers: Sustainalytics®

Sales multiple assessment:

- ✓ Based on sales and price estimates from database.
- \checkmark Consideration of the degree of innovation (multiples of 3x-6x)

~70 – 100 companies Weighting (from 0.25% to 5%) according to risk profile, liquidity, company size

√ The right company (stock picking), at the right price (valuation), at the right time (exploiting volatility).

^{*} Scientific advisory board: Prof. Dr. med. Peter Hohenberger, Prof. Dr. med. Manfred Weber, Prof. Dr. med. Thomas Zeller

OUR FUND: MEDICAL BIOHEALTH OUR CENTRAL INVESTMENT CRITERIA





Degree of innovation

New standards

First in Class, Best in Class



Development status

Product close to the market

Proof of Concept



Management & Financing

Experience and sufficient cash for development

Biotech companies are largely financed by equity capital



Valuation

Above-average growth potential through successful product development

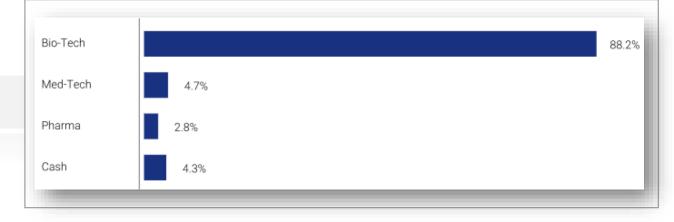
Qualitative and scientific analysis forms the core of due diligence

OUR FUND: MEDICAL BIOHEALTH

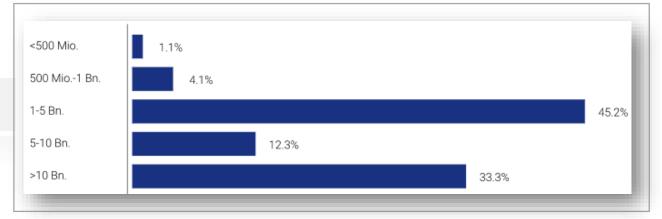
INSTITUTIONAL SHARE CLASS

THE MOST IMPORTANT IN BRIEF

Sector allocation







Currency allocation

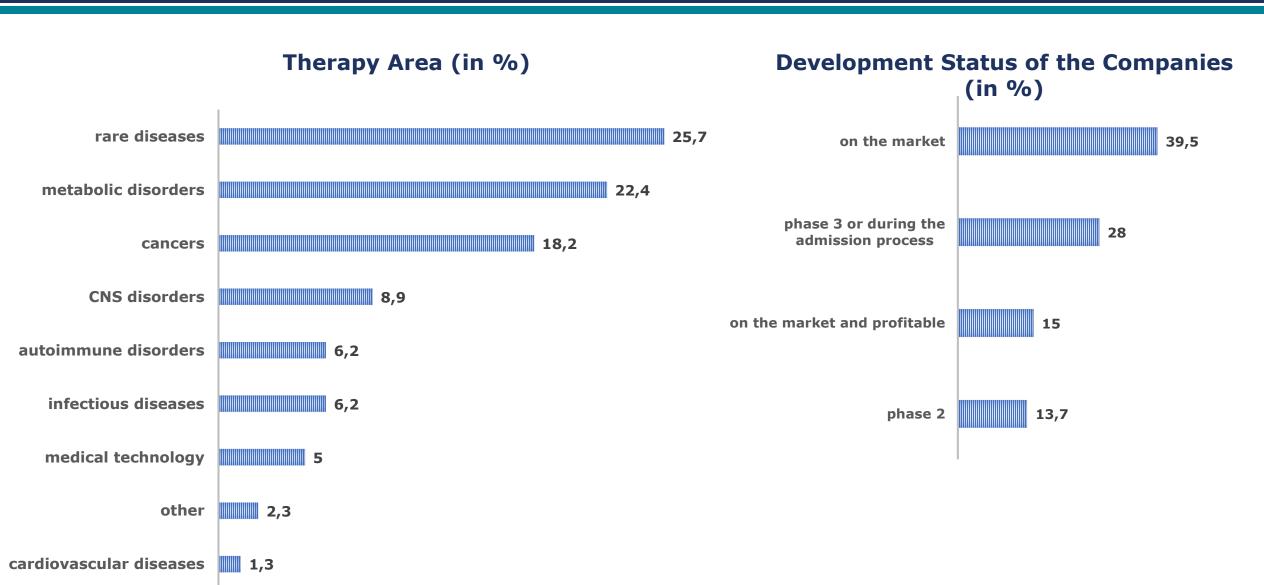




Source: anevis solutions GmbH / Medical Strategy GmbH, as of 31/12/2024 Past performance is no guarantee and no indicator of future performance. Please note: The distribution may vary over time.

OUR FUND: MEDICAL BIOHEALTH ALLOCATION OF THERAPIES & DEVELOPMENT STATUS

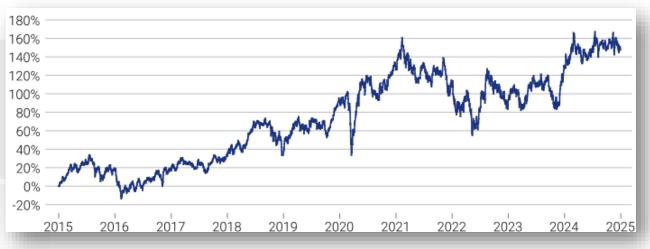




OUR FUND: MEDICAL BIOHEALTH

INSTITUTIONAL SHARE CLASS

PERFORMANCE OVERVIEW Indexed performance over the last 10 years (in %)



Source: anevis solutions GmbH, as of 31/12/2024

	YTD	1 year	3 years	3 years p.a.	5 years	5 years p.a.	10 years	10 years p.a.
Performance (gross, in %)	7.9%	7.9%	19.4%	6.1%	28.7%	5.2%	147.9%	9.5%

 YTD
 1 year
 3 years
 5 years
 10 years

 Volatility
 20.4%
 20.4%
 27.1%
 27.7%
 24.3%

The fund share class was launched on 30 October 2000. Source: anevis solutions GmbH / Hauck Aufhäuser Lampe, as of 31/12/2024

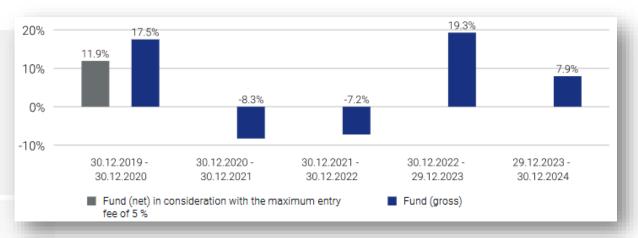
Additional share class available: USD hedged

Source: anevis solutions GmbH / Hauck Aufhäuser Lampe; Past performance is not a guarantee of future results; Price indices in EUR/For calculating index performance and currency conversion, the previous day's closing rates were used. As the fund is primarily invested in North America, this accounts for the time lag.) Hauck & Aufhäuser Fund Services S.A.. Fund: Performance calculation based on the gross fund performance (BVI method). The initial sales charge (for investment and reinvestment) was not taken into account and individual costs such as custodian fees were not included. Performance would be lower if the initial sales charge and custodian fee were included. Please note: The distribution may vary over time.

OUR FUND: MEDICAL BIOHEALTH

INSTITUTIONAL SHARE CLASS

PERFORMANCE OVERVIEW Annual performance of the last 5 years as rolling barchart gross & net (in %)



Source: anevis solutions GmbH, as of: 31/12/2024

Monthly performance overview

	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Year
2019	11.9 %	8.7 %	2.5 %	0.2 %	-2.5 %	2.7 %	3.0 %	-3.9 %	-3.1 %	2.6 %	11.9 %	4.8 %	44.1 %
2020	-2.4 %	-3.0 %	-12.1 %	24.2 %	5.6 %	1.0%	-5.1 %	-2.5 %	3.3 %	2.3 %	7.7 %	1.4 %	17.5 %
2021	5.6 %	-2.3 %	-2.4 %	-0.3 %	-4.2 %	4.9 %	- 5.4 %	4.3 %	-1.4 %	0.9 %	- 7.4 %	0.1 %	-8.3 %
2022	-12.4 %	2.3 %	3.6 %	-5.7 %	-8.3 %	9.3 %	8.6 %	6.9 %	-2.7 %	1.7 %	-6.9 %	-1.0 %	-7.2 %
2023	4.6 %	-0.3 %	-7.7 %	2.3 %	7.2 %	2.8 %	5.3 %	-3.5 %	-3.1 %	-9.7 %	2.2 %	20.9 %	19.3 %
2024	2.7 %	11.2 %	-3.3 %	-5.4 %	-0.2 %	3.7 %	2.8 %	0.2 %	-3.1 %	0.7 %	4.4 %	-4.8 %	7.9 %

Source: anevis solutions GmbH / Hauck Aufhäuser Lampe; Past performance is not a guarantee of future results; Price indices in EUR/For calculating index performance and currency conversion, the previous day's closing rates were used. As the fund is primarily invested in North America, this accounts for the time lag.) Hauck & Aufhäuser Fund Services S.A.. Fund: Performance calculation based on the gross fund performance (BVI method). The initial sales charge (for investment and reinvestment) was not taken into account and individual costs such as custodian fees were not included. Performance would be lower if the initial sales charge and custodian fee were included. Please note: The distribution may vary over time.

OUR FUND: MEDICAL BIOHEALTH OUTPERFORMANCE OF THE EUR/RETAIL CLASS





Performance since inception on 30.10.2000	In EUR, in %	Outperformance in EUR in %
MEDICAL BioHealth EUR	573.08 %	
S&P 500	246.08 %	327.00 %
NASDAQ Biotechnology	208.01 %	365.07 %
Amex Pharmaceutical	85.44 %	487.64 %

As of 31/12/2024; Source: vwd; Indices in EUR; Past performance is not a guarantee of future results; Price indices in EUR/For calculating index performance and currency conversion, the previous day's closing rates were used. As the fund is primarily invested in North America, this accounts for the time lag.) Hauck & Aufhäuser Fund Services S.A.. Fund: Performance calculation based on the gross fund performance (BVI method). The initial sales charge (for investment and reinvestment) was not taken into account and individual costs such as custodian fees were not included.

Performance would be lower if the initial sales charge and custodian fee were included.

OUR FUND: MEDICAL BIOHEALTH CONCLUSION





- ✓ Growth opportunities in the **healthcare market**: above-average, largely independent of the economy, sustainable
- ✓ Historical innovation cycle in therapy development through biotechnology
- √ Small & mid caps provide the innovative product supply
- ✓ Investment opportunities due to exceptional situation patent expiries, innovation pressure and undervaluation











- ✓ 23 years of management experience, science-based approach.
- ✓ Significant long-term **outperformance** compared to healthcare indices
- ✓ Stock picking with a focus on innovation in small and mid caps
- ✓ **Broad diversification** with a focus on rare diseases, oncology and cardiometabolic deseases

Meaningful investment with high growth potential





Outlook

- Rotation starting due to an improved macro environment and announced interest rate cuts
- Capital should flow back into solid stocks in the growth segment biotech
- Investor focus remains on biotech stocks with clinically validated products or technologies and solid capitalisation
- Weaker healthcare companies with financing requirements and in early clinical phases should continue to be avoided,
 but selective investments in higher-risk stocks are possible again
- Emerging patent cliff continues to lead to high licensing and takeover pressure for BigPharma, which must reach
 for innovative players continued M&A activity expected
- Innovative small and mid cap stocks expected to come up with new, more innovative therapeutic approaches,
 many in the approval process

BIOTECHNOLOGY SECTOR OF THE FUTURE







#Reson 1: Valuation historically attractive

As a highly interest rate-sensitive stock market segment, biotech stocks have suffered particularly from the rapid rise in interest rates. The phase of irrational undervaluation of biotech companies is coming to an end. This is a promising prospect for investors.



#Reason 4: Increasing innovation power
The number of research publications on new,
innovative technologies is increasing rapidly, as is
the number of programmes in preclinical and
clinical development. Artificial intelligence will

revolutionise basic research.



#Reason 2: Improved macro environment

The downward trend in interest rates is supporting capital-intensive research, which means that fundamental aspects are likely to play a greater role in the valuation of biotech companies again. As a result, the headwind for biotech companies is turning into a tailwind for sentiment.

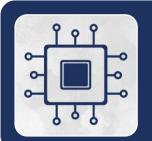


#Reason 5: Demography & CivilizationBy 2060, there will be 1.7 billion people over the age of 65 worldwide. In addition, increasing prosperity is contributing to diseases of civilisation such as obesity.



#Reason 3: BigPharma needs biotech

The pharmaceutical industry is threatened by patent expiries on a historic scale. To compensate for this competitive disadvantage, it has to buy in innovations. This makes many biotech companies takeover candidates for which lucrative premiums are paid.



#Reason 6: Putting the Tech in BioTECH

Disruptive technologies and technological progress are increasingly permeating research, accelerating processes and bringing humanity one step closer to a full understanding of nature. Will bioTECHNOLOGY replace two purely technology-driven decades?

OUR FUND: MEDICAL BIOHEALTHFACTS & FIGURES



Share Classes	EUR	EUR H	I (institutional)	S (institutional)	I X (institutional)	EUR E (institutional)	CHF
Silai e Classes	LOK	LOKII	1 (mstitutional)	3 (mstitutional)	1 x (mstitutional)	LOK E (Ilistitutional)	CHE
Share classes currency	Euro	Euro (USD hedged)	Euro	Euro (USD hedged)	Euro	Euro	CHF
ISIN	LU0119891520	LU0228344361	LU0294851513	LU0295354772	LU1152054125	LU1783158469	LU2890439347
WKN	941135	A0F69B	AOMNRQ	A0MQG5	A12GCR	A2JEMC	A40MUU
Bloomberg	OPMEDIC LX	OPJZ GR	OPMEDEI LX	OPMDEIH LX	OPMDEIX LX	OPMEDEE LX	MEDBICH LX
Launch date	2000-10-30	2005-09-30	2007-	05-02	2014-12-18	2018-04-03	2024-09-25
Minimum investment			100.000 EUR (in 1	foundations none)	10 Mio. EUR	20 Mio. EUR	100.000 CHF
Initial sales charge			amount				
Ongoing commission	up to 0.6% f	or distribution	-	-			
Ongoing cost*	1.82%	1.83%	1.32%	1.33%	1.03%	0.96%	1.33%
Plus any performance- related fee that may be payable	(hurdle rate) in relation	n value exceeding 5.0 % to the NAV per share and nigh water mark)	5.0 % (hurdle rate) i per share and finance	h in value exceeding n relation to the NAV cial year (high water irk)	10.0 % of the growth in value exceeding 5.0 % (hurdle rate) in relation to the NAV per share and financial year (high water mark)		10.0 % of the growth in value exceeding 5.0 % (hurdle rate) in relation to the NAV per share and financial year (high water mark)
Dividend payment		no		Yes: 5% p.a. targeted (28.03.2024: 28.74 € per share)	no e)		
Volume			аррг	ox. 711 mn. Euro (as of	31/12/2024)		
Financial year				31.12.			
ESG					Disclosure Regulation (SFDR) FID II guideline Art.2 point 7C		

Further information can be found in the currently valid full or simplified prospectus (as of 01/01/2024) *running costs according to BIB KID dated 15.03.2024; Source: Hauck & Aufhäuser Fund Services S. A..

^{**} open only for one selected partner; for interested other investors we recommend EUR E



Products from innovative BioPharma companies can make a positive contribution to achieving UN Sustainable Development Goal #3



Exclusions of violations:

- UN-Global Compact
- Controversial weapons

ESG integration in the investment process:

Cooperation with ESG Researcher Sustainalytics

MEDICAL BioHealth is classified as

- ✓ Sustainable Investment acc. MiFID II Art. 27 7C
- ✓ Art. 8 acc. the European Sustainabiliy Disclosure Regulation (Funds with sustainability features)

Further information on sustainability-related aspects can be found at: https://medicalstrategy.de/fonds/gesundheit/medical-biohealth-eur#fondDownloads

^{*} see sales prospectus of MEDICAL BioHealth, page 50, as at 28 November 2023

^{**} see sales prospectus of MEDICAL BioHealth, page 51, as at 28 November 2023

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Status 02/2023

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