

Healthy Ideas Healthy Returns

HIHR-14

Programme

Online Quickfire sessions, May 6 – 13

Live pitch event – Antwerpen, May 15

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BOM Brabant Ventures | Capricorn Partners | Comate Ventures | Imec.istart.nl | LRM | Thuja | Utrecht Health Seed Fund | V-Bio Ventures

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HIHR *online Quickfire sessions, May 6 – 8, 2024*

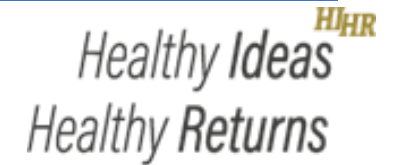
HIHR offers new entrepreneurial teams/KTOs venture ideas, not pitch ready yet, the opportunity to test their idea / concept with investors, entrepreneurs and industry partners in a 45 minute online session. We highly appreciate your feedback and encourage all investors to participate in these informal sessions to help young entrepreneurial teams with feedback. These sessions for pre-mature projects will take place *online* via MS Teams, according to the following schedule:

	timeslot	spin off project
Monday May 6	09.00 – 09.45	Sightera Biosciences - <i>Where translational data meets AI drug discovery</i> Therapeutics & Biotech - University of Antwerp
	12.00 – 12.45	Peptias - <i>Peptide-based biomarker for atherosclerosis detection</i> MedTech & Diagnostics - Leiden University/LURIS/LACDR
	17.00 – 17.45	AETECH - <i>Adaptive ECMO To Enhance Cardiac Healing</i> MedTech & Diagnostic - Université Libre de Bruxelles
Tuesday May 7	09.00 – 09.45	Leven vision - <i>transforming microbiology diagnostic</i> MedTech & Diagnostics - unlock_ Leiden
	12.00 – 12.45	NAbSense Kinetics - <i>Fast diagnostic test to assess virus/toxin neutralization titers & predict immune protection</i> MedTech & Diagnostics - Wageningen UR
	17.00 – 17.45	Hafnolox - <i>A dual-modality contrast agent for the detection of sentinel lymph nodes</i> Contrast agent (medicinal products) - Ghent University
Wednesday May 8	09.00 – 09.45	Phos4nova - <i>Platform of biodegradable phosphorus polymers for nanomedicine and medical imaging</i> Therapeutics & Biotech, MedTech & Diagnostics - U Twente
	12.00 – 12.45	ARTIC - <i>Manipulating fluid flow through Magnetic Artificial Cilia on microscale</i> MedTech & Deeptech - Eindhoven University of Technology
	17.00 – 17.45	CloudSound - <i>making high-performance medical ultrasound affordable</i> MedTech & Diagnostics - Eindhoven University of Technology

You can mark your interest on the online registration form. Calendar invitations will be sent with the MS Teams link, to indications 'Highly interested'. Indications 'willing to help' receive an *optional* calendar invite. Summaries of the Quickfire projects will be sent upon registration.

HIHR *live* pitch programme – May 15, 2024

Programme



- 11.45 Registration desk open
- 12.00 *Welcome Lunch*
- 13.00 **Healthy Ideas, Healthy Returns** 14th edition
 - Opening* by the moderator - **Jeff Skinner**, Teaching Fellow, London Business School
 - Welcome* – **Claar-els van Delft**, General Manager HIHR
 - J&J Innovation recap* – **Tess Korthout**, R&D Innovation scout - The Janssen Pharmaceutical Companies of Johnson & Johnson
 - HIHR Pitch & Q&A session I (projects listed at page 6)
 - Expert session* Annelies Bronckaers, Professor University of Hasselt
- 14.45 *Coffee break*
- 15.15 HIHR Pitch & Q&A session II (projects listed at page 6)
- 16.30 Panel session with Alumni projects; lessons learned
- 16.45 *Closure and Networking drinks & bites*

HIHR pitch & Q&A sessions – Start up pitches

HIHR Pitch & Q&A session I

Morse, *mucin mRNA isoform-based service platform for barrier-related disease monitoring*

Annemieke Smet, founder - University of Antwerp - Therapeutics & Biotech, MedTech & Diagnostics

VUS Diagnostics, *Improved personalised treatment guided by CRISPR based gene variant interpretation assays*

Arne Nedergaard Kousholt, CEO and founder - The Netherlands Cancer Institute - Therapeutics & Biotech

LucidWave, *Complete Medical Ultrasound Imaging for Labour*

Sina Sadeghpour, CEO - KU Leuven - MedTech & Diagnostics

AVIGI Therapeutics, *Unlocking the power of heparanase inhibition*

Vincent Lit, CEO – LURIS Leiden - Therapeutics & Biotech

Cartagena*, *A novel technology platform to select next generation CAR-T therapeutics*

Giovanni Amabile, CEO – IMEC - MedTech & Diagnostics

HIHR Pitch & Q&A session II

Inborn, *A breakthrough approach for effective treatment of bone infections (Osteomyelitis)*

Rong Wang, Co-founder & CEO - Radboud University Medical Center - Therapeutics & Biotech

Moccha Discoveries, *Enhancing drug development with comprehensive characterization*

Eric de Bony, projectleader - University of Ghent - Therapeutics & Biotech

Aikon Health, *Personalized Heart Failure Management*

Thiru Kanagasabapathi, CEO – TNO - MedTech & Diagnostics, Digital Health

Biotactical, *Rapid Microbial Detection*

Justin Chotoe, Founder / CEO - unlock_ Leiden - Healthcare Analytical Services Market

Artison, *Voicing your arterial health*

Laurens de Bruijn, CEO – IMEC - MedTech & Diagnostics

Pulsify Medical*, *Cardiac Monitoring Patch using revolutionary new Ultrasound Technology*

Peter Vanbekbergen, CEO - IMEC / KU Leuven - MedTech & Diagnostics

Summaries of the Spin off projects will be sent upon registration.

HIHR Pitches will last for a maximum of 7 min presentation, followed by 4 min Q&A (+1 min change). Due to the density of the programme we must strictly adhere to the schedule. We will close the doors as to not disturb the pitch presentations.

* *Alumni pitch*

Insight- and panel sessions

Expert session - Tooth organoids in dental health innovation



Prof. Dr. Annelies Bronckaers

Recently, researchers at UHasselt and KU Leuven pioneered the development of tooth organoids starting from human dental tissue that is normally discarded after surgery. This discovery allows detailed study of ameloblasts, the cells that produce enamel, the outer layer of the tooth and which is the hardest tissue of the human body. The discovery of tooth organoids opens a new avenue for animal-free investigations in tooth biology and tooth pathology while presenting various commercial and clinical applications.

After earning a Master's in Biological Sciences, Annelies Bronckaers pursued a PhD at KU Leuven, investigating angiogenesis and tumor growth inhibitors. From 2009 to 2016, she had a postdoc position at Hasselt University, where she focused on the use of dental pulp stem cells for angiogenesis and dental tissue regeneration. Since October 2017, she's been a professor at the same university, establishing her own research group focusing on treatments for diseases like ischemic stroke and wound healing, utilizing low-frequency electromagnetic stimulation, nanoparticles, and extracellular vesicles. Her team specializes in mouse models for wound healing and ischemic stroke, *in vitro* and *in ovo* angiogenesis models, signal pathway analysis, and transmission electron microscopy. Alongside, Annelies Bronckaers is involved in dental research, particularly tooth organoids. She also active

board member of the 'Belgian Society of Stem Cell Research' and 'Belgian Society of Tissue Engineering'.

Panel discussion - Lessons learned...

Sponsors and supporters

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JNJ Innovation

[Johnson & Johnson Innovation](#) seeks to positively impact human health through innovation. We do this by helping entrepreneurs realize their dreams of creating healthcare solutions that improve people's lives around the world. We work side-by-side with innovators throughout their journey, providing a robust exchange of ideas and resources to support their success.

Our mission is to unlock the potential of life science innovation no matter where it originates. We aim to solve the world's toughest health challenges and drive scientific breakthroughs that improve health for everyone, everywhere.

We are comprised of a family of complementary teams that bring meaningful solutions and flexible approaches to support collaboration:

- Our [Innovation Centers](#) are regional hubs to access the best science and technology in the region. [Make the connection](#) if you are an entrepreneur or an early-stage consumer or medical device company, or a biopharmaceutical company seeking a collaboration to advance a program which is pre-proof of concept in humans.
- Our [JLABS network](#) of incubators support entrepreneurs launching consumer, medical device, or biopharmaceutical companies. [Make the connection](#) if you are seeking incubation space for your early-stage company, or seeking to expand your start-up through an exchange of ideas and collaboration.
- Our [JJDC, Inc.](#) strategic venture arm invests across all sectors and at all stages, from seed-level start-ups to Series B and beyond. [Make the connection](#) if you are seeking a strategic venture partner.
- Our [Janssen Business Development](#) team seeks to identify collaborative opportunities that will create transformative value for our partners and the world. [Make the connection](#) if you are an established pharmaceutical company, or mid-sized to large biotechnology company, and seek a collaboration or merger & acquisition discussion.

Feel free to contact our Benelux External Innovation Partnering leads [Tessy Korthout](#), [Vigo van Tenderloo](#) or [Peter Roevens](#).

Silver sponsors

Arnold & Siedsma

Arnold & Siedsma is a full-service IP firm founded in 1920. In addition to our offices in the Netherlands, Germany and Belgium, we have an extensive network of agents and are also part of the European Patent Litigators Network (EPLN). The **patent attorneys**, **trademark and design attorneys** and **lawyers** handle the establishment of IP rights, give advice on the exploitation of IP, and conduct legal proceedings to enforce these rights. In addition, we provide strategic and operational advice. We advise startups and scaleups, SME's, corporate and international clients. We take an integrated, multidisciplinary approach, putting the needs of the client first. The patent attorneys have specialist technical knowledge within all major innovative sectors, including chemistry, pharmacy, electrical engineering, physics, mechanical engineering, biotechnology, food and feed, materials and software, including AI. ewong@arnold-siedsma.nl



EIT Health

EIT Health is a vast, vibrant community of world-leading health innovators backed by the European Union. We aim to address Europe's biggest health challenges by bringing together the brightest minds from business, research, education, and healthcare delivery. Through cross-border collaborations, we create an environment where innovation can flourish.

Since 2015, we have supported 1,200 start-ups, catalysing new business growth, shortening time-to-market for life-changing healthcare solutions while creating new jobs in the European health economy. We're proud to be recognised by the [Financial Times](#) as one of Europe's Leading Start-up Hubs. For more information about our activities, check our website: <https://eithealth.eu/>



Supporters of HIHR

V-Bio

V-Bio Ventures is an independent venture capital firm specialized in building and financing young, innovative life science companies. V-Bio Ventures was established in 2015 and works closely with Belgium-based VIB, one of the world's premier life science institutes. The fund invests throughout Europe in start-up and early-stage companies with high growth potential focusing on technologies that provide transformational improvements in the biopharmaceutical, pharmaceutical, diagnostics and agricultural sectors www.v-bio.ventures.

Thuja

Thuja Capital Management (Thuja) manages several venture capital funds aimed at building and scaling companies in the fields of (bio)pharmaceuticals, medtech and digital health. In addition to generating a financial return for its investors, Thuja's investments positively impact the health and well-being of patients. Thuja serves physicians and patients worldwide by providing capital to daring entrepreneurs with ground-breaking product concepts locally. For more information visit www.thujacapital.com.

Imec.istart.nl

imec.istart.nl, powered by imec and Novel-T, offers tech startups pre-seed funding (between 100.000 and up to 250.000 euro) and tailored support to succeed and grow globally. We have the ambition to support at least 15 high-potential start-ups per year in the Netherlands – often as their first investor. As an investor, we're in it for the long run. www.imecistart.novelt.com

BOM

Entrepreneurship is the driver of innovation. The Brabant Development Agency (BOM) invests in scalable startups and scaleups with growth potential and with a strong link to Brabant. Within the theme Healthy Future, we focus on companies engaged in Life Sciences, MedTech and HealthTech. BOM. Catalyzing Change. www.bom.nl

LRM

LRM is an investment firm located in the province Limburg (Belgium), which through impact-driven activities aims to develop and stimulate economic growth in the region. By making capital and infrastructure available to promising companies and strategic projects, we act as catalyst for Limburg's transformation to an innovative, technological and sustainable economy. www.lrm.be

Utrecht Holdings Seed Fund

Utrecht Holdings Seed Fund invests in promising spin-outs from Utrecht University and Utrecht University Medical Centre, focussing on Life Sciences, MedTech, Animal Health, Digital Health and Sustainability propositions. We provide an average initial ticket of EUR 300K and up to a total of EUR 1 M in follow-on financing.

www.uhsf.nl

Comate Ventures

Comate Ventures is a pre-seed fund 100% dedicated to Hardware startups. We've been active in Hardware for more than 10 years and brought to market dozen of pioneering Hardware products. With this fund we want to leverage the brilliant early-stage ideas to become the next big thing, changing the world as we know today. www.comateventures.com

Capricorn

Capricorn Partners is an independent manager of venture capital, growth capital and quoted equity funds, with a focus on innovative companies that use technology as a competitive advantage. Determined to tap into a relevant range of innovative investment themes that have a positive impact on the world, we currently concentrate either on digital, health and clean technologies as our main fields of investment. Within the healthcare sector we focus on medtech & digital health companies which enables personalized care. www.capricorn.be

Event sponsors

Top Sector Life Science & Health

Top Sector Life Sciences & Health (Health~Holland) works together with public and private parties to promote the economic opportunities of the societal theme Health & Care of the Dutch cabinet's Mission-driven Top Sectors and Innovation Policy. The coalition does this on the basis of the five Health & Care missions, formulated by the Ministry of Health, Welfare and Sport. The central mission is as follows: By 2040, all Dutch citizens will live at least five years longer in good health, while the health inequalities between the lowest and highest socioeconomic groups will have decreased by 30%. There are four underlying missions that contribute to this central mission through changes to lifestyle and living environment, offering more care in the right place and better perspectives for people with chronic diseases, lifelong disabilities and dementia. With this approach, the Netherlands seeks to effectively tackle major societal challenges. Industry can optimally respond to the economic opportunities that these challenges bring. www.health-holland.com



UCB

UCB is a global bio-pharmaceutical company employing approximately 8700 people in headquarters in Belgium and across nearly 40 countries worldwide. It is focused on creating value for people living with severe diseases in immunology, neurology and other areas where its expertise and innovation align with unmet needs: hidradenitis suppurativa (HS), myasthenia gravis (MG), MOG-antibody disease, autoimmune encephalitis, severe fibromyalgia syndrome, CDKL5 deficiency disorder, TK2 deficiency disorder, systemic lupus erythematosus, Alzheimer's disease, and atopic dermatitis.

www.ucb.com



Flanders Bio

flanders.bio is a dynamic, member driven organisation with currently more than 340 members from Belgium and abroad. We help our members to create value by organising networking and training activities, supporting internationalisation, providing services and building expertise. flanders.bio and its members want to be the proud advocates of a reputable global-impact ecosystem in life sciences. www.flanders.bio



Medvia

MEDVIA is an industry-driven network that fosters innovations in healthcare. Set up as a public-private partnership with the Flemish government, MEDVIA facilitates and supports collaborations among healthtech companies, research institutions, universities, hospitals and patient advocacy groups. All our members are committed to jointly supporting innovation for better health at the crossroads of medical technology, biotechnology and digital technology. www.medvia.be



City of Antwerp, a hub for healthcare innovations

Antwerp boasts an extensive hospital network of 28 campuses, including the recent addition of the Cadix ZNA hospital near Park Spoor Noord.



Complemented by world-class research institutions like the renowned Institute of Tropical Medicine (ITM) and the University of Antwerp, the city focuses on pandemic preparedness, digital health, urban health, and medical devices. The City has a long-standing tradition of combating pandemics, with the ITM specializing in this area. During the Covid-19 crisis, experts from the University of Antwerp played pivotal roles, led by Professor Pierre Van Damme, a global authority on vaccinology and infectious diseases. His efforts led to the establishment of Vaccinopolis, an innovative vaccine research center located on the university campus.

Antwerp also leads in smart health initiatives, integrating digital technology and AI into healthcare delivery. Dunden, the city's health hub, supports 10 digital health startups, providing them with an ecosystem for growth and collaboration. Additionally, the newly established Antwerp Health Harbour aims to consolidate the region's health actors for data management and collaboration.



Looking to the future, Antwerp recognizes the pivotal role of technology in healthcare. Smart health, characterized by the integration of digital flows within hospitals and remote healthcare, is a rapidly growing trend. From pandemic preparedness to smart health solutions, the city continues to drive advancements that benefit both its residents and the global community.

For more information, please visit our website <https://www.businessinantwerp.eu/en/hub-healthcare-innovation>

Interested in becoming a sponsor or supporter as well ? Just send an email to carla@hihr.eu to check out the options.

KTO Meetup (for KTO-staff members only)

We're invited to the University of Antwerp for our first KTO Meetup. Please join us on May 15 at 10.00 at the room S.A205 (or S.A206), 2nd floor of Building A of the Stadscampus; entrance via Prinsstraat 13 (on a 15 minute walk from Antwerp Central Station).

Venue Pitch event

The pitch event will take place in *the Gorilla room*, in a **Room with a Zoo**, conveniently located right next to Antwerp Central Station. We recommend you to come by train. Check [here](#) their website for directions, parking and information to enter the building.

Please enter the building **at the Carnot Wing (Carnotstraat)**. You reach this entrance by crossing the Queen Astrid Square and then turning to the right. The Gorilla rooms are located at the 1st floor.

The State of the Union, organised by Flanders Bio and VIB will take place in the very same building, on the opposite site at the Darwin Hall. There will be ample time to walk from our networking drink to this room in the old part of the building.

Knowledge for Growth & State of the Union

Flanders Bio offers a reduction of 15% on their conference fee for those who want to combine our HIHR event with [Knowledge for Growth](#), the day after. It is also possible to join [the State of the Union](#) against reduced fee. You can mark your interest hereto at the HIHR-event registration form.

**KNOWLEDGE
FOR GROWTH**

Feedback

We highly appreciate your input and feedback and invite you to share your findings via 3 questions on [this online feedback form](#). You can give your input by name or anonymously.

Thank you !

On HIHR and contact

HIHR is the *invitation only* Benelux platform for tomorrow's academic Health ventures.

Uniting *all* public research institutions in the human health, we offer very early spin off projects (pre seed and seed stage) an opportunity to prepare themselves in the transition from researchers to entrepreneur and to connect, often for the very first time, to investors and industry partners.

Our high quality events are deliberately small scale and are characterised by an intimate atmosphere where open discussions are solemnly focused on further helping the teams.

As private, non-profit seeking initiative, we highly rely on the help of volunteers and the support of our sponsors and supporters.

We are very grateful for all people who enable us to support the entrepreneurs who build our healthy future.

For additional information and inquiries please contact:



Claar-els van Delft
Mob +31 6 2848 0549
Claar-els@hihr.eu
www.hihr.eu