

CAREER DAY

BIOMEDICAL SCIENCES

FEBRUARY 10, 2021
15:00 TO 19:30

ONLINE



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WELCOME



Tessa
Chair



Valentine
Secretary



Siem
Treasurer



Lyonne
Acquisition



Sally
Acquisition



Ruben
Promo



Milou
Logistics



Kyara
Assessor



Coen
Board representative



Dear Pathfinders,

We would like to welcome you to the online Career Day 2021! We hope this day will give you information on different career pathways, and give you ideas on how to start your career once you are done studying.

A career in biomedical sciences is often seen as a career in academia, which is true, as around 70% of all of us do continue in academia. As a committee, we have chosen a name: Pick your Pathway. With this name we would like to emphasize that your career is your own path, and you can do what makes you happy! In order for you to know what is around and what is possible, we have invited several companies and alumni in different work fields.

We all know by now that the past year has been different in many ways. Usually, this day would have been organised in November, in real life, and in Dutch. This year, we have decided to change things around: we have postponed the day to give us more time to organize a (hopefully) amazing day, and we are organizing it online. Besides, we have decided to organize this day in English – even though the bachelor Biomedical Sciences is in Dutch, the master programmes of the Graduate School are all in English. We open our (virtual) doors to you all!



WELCOME

In this folder you can find information about the Career Day. We would like to welcome our speakers, Rosanne Warmerdam and Bruce Alberts, you can read more about them further on. We would also like to thank all companies and alumni that agreed to give you a 'hands-on' experience in the field. What is new this year, is the 'Alternative Pathways: Alumni Speaking'. We have invited several alumni who didn't end up in academia, and picked their own pathway. Lastly, we have a small virtual business fair. This business fair is not the way you're used to: it can be seen as a Q&A. Several companies will be available to ask questions to, and the companies will provide you with an intro to their company.

To conclude this story, we hope you enjoy the Career Day as much as we will! Grasp every opportunity to ask questions, get to know more about different careers, and expand your network!

Best wishes,

Tessa, Valentine, Siem, Lyonne, Sally, Ruben, Milou, Kyara and Coen
Career Day Committee '19-'21

Marle Lokerse - Praeses der M.B.V. Mebiose



Dear Career Day visitors,

The last couple of years you've had the chance to, step by step, explore all the aspects the biomedical world has to offer: from CRISPR-Cas and Corona research to genetic screening and personalised medicine. This broad variety of biomedical subjects makes sure there is something for everyone, but it also leaves many of us to wonder: "What is the route that I want to take?"

As a study association, we think it's important to help you choose the next step in your biomedical career. Next to different career orientation activities throughout the year,

the Career Day Committee organises a Career Day once every two years. With the slogan "Pick Your Pathway" the Career Day Committee will help you choose the right path in your career. The committee has worked a long time to make this day as fun and educational as possible, so the last thing I would like to say is to enjoy!

WELCOME

Dr. Wim Dictus - Director of Biomedical Sciences Bachelor

Once every two years the M.B.V. Mebiose organises the careerday in association with the study Biomedical Sciences. This year the theme is "Pick your Pathway". One of the goals of this careerday is to show what the possibilities on the job market are after graduation.

This day is a good opportunity to come into contact with your possible future employers and to discuss each other's needs and wishes. By orientating yourself, you can take your responsibility for making the right choices (for you) in your study and future, hence the theme Pick your Pathway!

In my vision, the career day is a great opportunity to help making this choices. So be there and get the most out of the day but also yourself!



Prof. dr. Harold van Rijen - Director of Biomedical Sciences Master and PhD



Our Biomedical Bachelor's and Graduate School of Life Science Master's programmes have the aim to prepare you for a career in science. However, this includes much more than a PhD position within academia and may lead towards careers in education, communication, policy advice, clinical research associates, and more. The theme of this year's Biomedical Sciences career day is 'Pick your Pathway'. A great theme that starts already during your bachelor's. Before you can choose a career path, you need to learn more about yourself. Which topic resonates with me, what integration level do I like, which skills do I have and/or do I want to develop. They will direct your choice for a certain

Master's programme and the way you compose it. With BMW academy and Life Science Academy, we will support you to get the best out of your education. Joining this Biomedical Sciences Career Day will help you to get informed and inspired for the many career options you have and set your compass for designing your current and future education programme. Good luck and enjoy!

THE CAREER DAY

The Career day will start at 15.00h with a general introduction, after which Rosanne Warmerdam will give a presentation as our first speaker! After this presentation, two workshop rounds will take place. During these rounds, a variety of businesses will give an interactive workshop of 40 min. (page 10) and groups consisting of 3-4 different alumni will be presenting the Alternative Pathway they took (page 9). In both rounds you have the possibility to follow either a workshop or join the presentations of the alumni. You can only choose an Alternative Pathways once. Following the workshop rounds, there is a business fair of 30 min. (page 10). This planning is contrary to the past years where the business fair was an option during the workshop rounds. The various attending businesses will each be placed in their own break-out room, where they will post a link to a short clip about their company in the chat. You are able to join the different break-out rooms, watch the videos and ask the representatives questions about their company.

And last, but definitely not least: directly following the virtual business fair, Bruce Alberts will give a presentation about his career! For more information about our speakers, see page 7.

The day will take place via Zoom make sure you have an account and the latest updates! The introduction and the presentations of the speakers will take place in the main channel. For the workshop rounds, all students will be given access to the break-out room of the company/alumni they have registered to per round.

It is important for students to not attend the workshops until we give the signal to. For workshop round 2 we will move you to the correct breakoutroom during the small break. After the second workshop round all the channels will be open for everybody to join, so you can switch freely between the channels to ask questions for the virtual business fair.

If there are problems during the day concerning Zoom, you can ask them in the chat of the main channel. If necessary, you can WhatsApp Coen at +31627381550, or Valentine at +31612247919.

15.00 - 15.10	Introduction
15.10 - 15.55	Rosanne Warmerdam
16.05 - 16.45	Workshop round 1
17.00 - 17.40	Workshop round 2
18.00 - 18.30	Business fair
18.35 - 19.20	Bruce Alberts
19.20 - 19.30	Closing



SPEAKERS



Rosanne Warmerdam

Rosanne has a clear purpose: creating more health for people and planet.

During her studies in Biomedical Sciences she got a better understanding about the working mechanisms of the current healthcare system. It became obvious that our current system is designed to cure (acute) diseases. In her mind curing diseases is not the same as creating more health. Rosanne, together with a small team, started companies that contribute to a healthy ecosystem that focuses on making the healthy option the easy option again.

With their startup HealthBlocks she's at the forefront of building a piece of this new healthcare system. Through The Pando Network they share their knowledge and vision to drive innovation and progress in this space.



A presentation by Rosanne is always a mix between science, inspiration from "best practices" and the translation to everyday life. With her passion and enthusiasm she takes you into her world and makes the bridge to everyday life. So that you are not only inspired but also go home with useful tips & tricks.

During her presentation Rosanne will talk about some of the fundamental insights that inspired her to look at the current system from a different perspective. She will also share some of the biggest trends in the field and introduce you to some interesting startups that can potentially disrupt our current system.

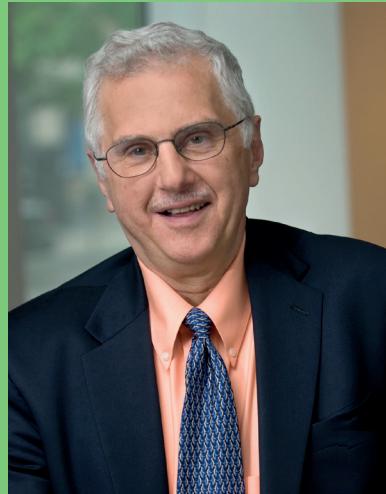


SPEAKERS

Bruce Alberts

For medical students and employees, the name Bruce Alberts might ring a bell.

Bruce Alberts is one of the authors of the textbook 'Molecular Biology of the Cell', and ofcourse Bruce Alberts achieved much more than this textbook. While attending Harvard College, he petitioned to skip chemistry laboratory requirements and instead worked with his tutor Jacques Fresco, in Paul M Doty's laboratory publishing 2 successful papers. After failing his first exam in 1965, he completed his PhD later that year. Afterwards, he went to the Institut de Biologie Moléculaire in Geneva continuing research. In 1966, prof. Alberts joined Princeton University and became a professor in 1973. In 1976, he became professor and vice-chair of the Department of Biochemistry and Biophysics at the University of California.



For his admirable work in the science field and education of science, he has been awarded plenty of times. In 2014, prof. Alberts received the National Medal of Science from US president Barack Obama. Bruce Alberts even got an award named after himself. The 'Bruce Alberts Award for Excellence in Science Education' is awarded annually to those who have also made outstanding contributions in science education.

How did he manage to achieve this incredible career and why did he choose to write textbooks and educate new scientists? There are simply not enough words to describe his incredible career, but Bruce Alberts will try, online, live from the United States.

ALTERNATIVE PATHWAYS

Attending the session "Alternative pathways - Alumni speaking" will help you explore the career possibilities outside academia or pharmaceutical industry. Each session contains presentations of 3 or 4 alumni who will talk about their career path from their study Biomedical Sciences until their current job in science education and communication, consultancy, policy making or management. After each presentation, there will be some time for questions. Some alumni will also be available to answer further questions during the virtual business fair. An overview of the different parallel sessions with the alumni and their current jobs is displayed in the table below.

	Alumn	Function
Session 1	Jop de Vrieze	Freelance science writer and investigative journalist
	Melanie van Berkum	Education officer at Wageningen University & Research - PhD Candidate
	Marielle Otten	Freelance medical/scientific advisor and trainer, for pharma and healthcare. - PhD Candidate and Doctoral Candidate
Session 2	Carola Jansen	Senior consultant at Hezelburcht Grant Consultancy - PhD Candidate
	Hiljanne van der Meer	Public programme developer at the Universiteitsmuseum Utrecht
	Naomi Chrispijn	Programme officer at NWO - PhD Candidate
	Koen Scheerders	Freelance science journalist and medical editor - PhD Student
Session 3	Liset Westera	Medical immunologist in training at Princess Máxima Center, Pediatric Oncology - PhD Candidate and Doctoral Candidate
	Esmé van Herpen	Education manager at Karakter, Academic Center for Child and Adolescent Psychiatry
	Timo Smets	Therapy sales specialist at Medtronic
	Ruud Moesbergen *) Only round 1	Exhibition maker at NEMO, theatre maker and trainer and presenter concerning science communication.

COMPANIES

Here you can find the participating companies, listed from A-Z. It is mentioned which companies will be available for a workshop, and which will be present at the business fair. Keep in mind, the programme is subject to change. Check out the [website](#) for the latest updates!

BioGeneration Ventures

BioGeneration Ventures (BGV) is a venture capital company, with a focus on early stage European biotech companies. The Company has a strong track record of significant financial returns through investing in innovations in healthcare and providing the expertise to build world-class teams. The Company manages over €250 million of funds investing in areas where true scientific innovations, the unmet medical need, and the potential to demonstrate a significant proof of concept all come together.



BGV strives to work with founding teams to mature science and build companies. The Company uses its experience to guide progress into clinical trials, ultimately leading to successful drug development and value realisation for its investors. BGV applies its expertise in a rigorous process to select the most compelling opportunities with the best prospects for exit.

Workshop

Capgemini - only NL

Vrienden terugbetaLEN, de voorraad in een winkel checkEN of je pakketje volGEN. Zonder dat je het weET heb je op verschillende manieren al regelmatig te maken gehad met Capgemini. Samen met onze opdrachtgevers creëREN wij namelijk business- & IT-oplossingen die aansluiten op de behoeftE van de klant en concrete resultaten geven.



Een typisch consultancy bedrijf? Nee, dat zijn we niet. We kennen geen vaste kaders en ook jouw pad ligt nog lang niet vast. Je bepaalt bij ons namelijk zelf hoe jouw carrière eruit ziet. En welke richting je op wilt. Kies je bijvoorbeeld voor de rol van expert of ga je voor een functie in de top?

Wat wordt jouw impact? Internetbankieren, slimme energiemeters en verschillende bedrijfs- & logistische applicaties. Onze collega's werken aan de meest uiteenlopende en uitdagende projecten voor opdrachtgevers in binnen- én buitenland.



COMPANIES



Flag Workshop

Tijdens de workshop geven wij je inzicht in de cultuur, projecten en alle mogelijkheden voor startende Consultants. Lijkt Capgemini jou een gaaf bedrijf? Dan zien wij je graag op 10 februari tijdens onze presentatie!

Flag Business fair

Career Services UU



Flag Workshop - How to write a powerful CV

During this short workshop you will learn what a powerful CV looks like. You will receive information on the different parts of a CV as well as hands-on tips and tricks to make your CV stand out. After this workshop you are able to work on your own CV. You are cordially invited to have your CV checked by a career officer: make an appointment through the [Career Services website](#).

Flag Workshop - Exploring the job market and networking

Would you like to do an internship on the short term, do relevant voluntary work or are you looking for a suitable (side) job? Exploring your career is exciting and at the same time can come with uncertainties. During this introductory workshop you will learn how employers look for employees, how to track jobs and vacancies and how to make use of your own network.

Excelya

Excelya is a young and ambitious European contract research organization (CRO) specializing in clinical research. Excelya is spread throughout Europe with over 800 employees, 17 offices and 12 legal entities. We provide our services across multiple industries, including pharmaceutical, biotech, medical devices, cosmetics and nutrition. Our team members experience their careers as part of a company ready to become a European leader in clinical research. Interested to learn more about the opportunities we have to offer? Please contact Simone Polman (spolman@excelya.com) or Stijn Valkering (svalkering@excelya.com).



Flag Workshop - A career in clinical research

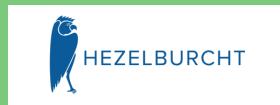
To begin your career in clinical research is an excellent starting point. There is a lot of attention for education and development, the employment conditions are good and there are many career opportunities, nationally or internationally. Get to know more about clinical research in our workshop!



COMPANIES

Hezelburcht

Hezelburcht provides full national and European grant support services to organisations in both public and private sectors, such as Life Sciences, Health & Food, High Tech Systems & Materials, Chemistry, Energy & Sustainability, Transport and ICT. Hezelburcht was founded in 1995 and has 6 offices in Nijmegen, Brussels, The Hague, Eindhoven, Apeldoorn and Amsterdam with more than 90 professionals specialized in grant and management consultancy, assisting clients worldwide to connect them with grant providers and supporting in every step of the grant acquisition process. Currently, Hezelburcht has 2500 returning clients and about half a billion in grants are awarded.



Johnson & Johnson

At Johnson & Johnson, we believe good health is the foundation of vibrant lives, thriving communities and forward progress. That's why for more than 130 years, we have aimed to keep people well at every age and every stage of life. Today, as the world's largest and most broadly based healthcare company, we are committed to using our reach and size for good. We strive to improve access and affordability, create healthier communities, and put a healthy mind, body and environment within reach of everyone, everywhere. Every day, our more than 130,000 employees across the world are blending heart, science and ingenuity to profoundly change the trajectory of health for humanity.



In this workshop , the team from Johnson & Johnson will explain what Johnson & Johnson, but also Janssen does. They will take you through examples on what they do but also what we, as biomedical scientists, can contribute to their cause.



NEMO Science Museum

At NEMO Science Museum, everyone - from young to old - discovers how fascinating science and technology are. On five floors crammed full of exhibitions, experiments, demonstrations and workshops, visitors discover how special everyday things are. NEMO's visitors learn about the basic principles of science and technology. About



COMPANIES

phenomena such as electricity, light, sound and gravity. They learn by doing, by experiencing and by using all their senses. We invite our visitors to discover and explore who they are, and the world around them. To ask questions and to stop and think. That's learning the NEMO way. As exhibition maker you are responsible for all the content of the programs, exhibitions, demonstrations, and workshops. As a science communicator you find hands-on ways to communicate the scientific subjects to the lay audience.

Workshop - only round 2

Workshop Making a hands-on activity in a Science Museum

Find out how you can create a hands-on activity for families in a Science Museum. How you have to be creative with a scientific subject, like covid-19, learning strategies, like inquiry-based learning, and your audience, like families. Work as a science communicator and think about the possibilities and challenges in a museum environment.

Pharmo

PHARMO is an independent scientific research company that offers tailor-made data research and consultancy to assist our clients in their decision-making. PHARMO has access to patient-centric data throughout the life cycle of patients within multiple databases. Through linkage of anonymized Real World Data (RWD) within our own PHARMO Database Network and with various external healthcare databases, we can follow up more than 10 million residents of the Netherlands for an average of 12 years. Thereby, giving a complete overview of a patient's medical journey. This enables us to perform various pharmaco-epidemiological studies, which the pharmaceutical industry, consultancy firms, academia, or research institutes assign us to. We perform benefit-risk assessments of drugs such as EMA-driven post-authorisation studies, and we support health outcomes, health economics, market access, and disease management strategies. We lead European studies to provide critical evidence in the context of emerging standards for study design, database and analysis operations, and quality assurance in Europe. PHARMO has over 20 years of experience in linking patient RWD, which makes us contribute to health innovation through observation.



Workshop - only round 2

PHARMO is an independent research institute, which specializes in the performance of observational studies using patient Real World Data. During our workshop you shall gain insights into the institute itself, our internal databases and external ones

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to which we can link, and you get the chance to experience what it is like to be one of our researchers during an interactive task.



RIVM

The National Institute for Public Health and the Environment has been promoting public health and safeguarding a healthy environment for more than 100 years. RIVM National Institute for Public Health and the Environment has a central role in infectious disease control and national prevention and population screening programmes. They conduct independent (scientific) research in the field of Public Health, Health Services, Environmental Safety and Security. In their role as trusted advisor, they support citizens, professionals and governments in the challenge of keeping the environment and ourselves healthy. The RIVM collects information from all over the world concerning infectious diseases, maintaining a healthy society, safety, etc. It spreads the knowhow between policymaker, scientists, inspectors and, most of the time, the general public. Each year the RIVM publishes countless reports about public health, healthcare, nutrition, nature, environment and emergency measures.



SkinConsult

SkinConsult ensures the safety of cosmetic products in the EU. We combine our passion for science (toxicology, dermatology, chemistry), regulatory affairs and software development to help our various clients get their products to market swiftly and safely. These clients include both SMEs and multinationals - it's highly likely that you are using one of our products today!



Our team comprises people with a life sciences background who want to make the world a better place. Our dream is to be responsible for the safety of 1 million different cosmetic products by 2030. We want to reach this by connecting our clients and the rest of the supply chain to our platform, developing new in silico tools to check safety even better/harder/faster/stronger, and assisting with issues whenever they occur. #SafetyFirst!



In this workshop, the team from SkinConsult will give you a crash course

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in the various steps that are required to launch a cosmetic product onto the EU market. Next, we will present a case where things actually didn't go to plan.... and it's your job as Cosmetic Safety Investigators to find out what went wrong, and save humanity!

☒ Business fair

TropIQ Health Sciences

TropIQ Health Sciences operates a technology platform for the discovery and development of molecules to combat infectious diseases. TropIQ combines world-class expertise on infectious diseases with state of the art drug discovery technologies. Through this combination, TropIQ is uniquely positioned to accelerate the development of novel medicines, vaccines and vector control measures.



It is TropIQ's vision that there is a dynamic relationship between poverty and health. Many infectious diseases are the direct result of living conditions induced by poverty. In turn, these diseases exacerbate the impoverished status as they reduce productivity and economic prospects. Improving people's health will improve their productivity, social and economic status and provide the basis for further development of individuals and nations.

TropIQ aims at creating better opportunities for people by improving their health. To this end it provides enabling technology for the elimination of infectious diseases.

TropIQ employs a hybrid business model. It conducts fee-for-service research activities for third parties. In addition, it uses its technology platform to drive a proprietary drug discovery program.

☒ Workshop

In this interactive workshop, we'll discuss the challenges of an impact-driven biotech company in the field of poverty-related diseases, and take a look at an innovative concept for prevention of malaria and dengue through administration of a systemic insecticide as an oral drug to a human population.

Vintura Consulting

Vintura is a leading international consultancy company specializing in healthcare and life sciences. We were established in 2000 and work with a team of 30 driven,





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people-oriented and experienced consultants in the Netherlands, Germany, Italy and the UK. Our mission is 'creating meaningful impact in healthcare together'. We apply our expertise to help hospitals and organizations in the pharmaceuticals and medical devices sector to bring about ongoing improvement. Our experience in international markets allows us to support clients across Europe and beyond.

In our projects we contribute to realizing accessible and affordable care for every patient, from both a healthcare and life sciences perspective – combining these worlds in value-based healthcare projects. Vintura has a distinguished approach which is delivered by experienced advisors with consultancy and industry expertise:

- ☒ Workshop The workshop will consist of a small introduction to Vintura, followed by a consultancy exercise to give you an insight into consulting.
- ☒ Business fair

Young Innovators of Medicine

What opportunities are there to get started in the biotech / pharmaceutical industry? Working in the pharmaceutical sector means working in a challenging environment. A job at an innovative pharmaceutical company is a possible step after training in, for example, biomedical sciences, pharmacy or medicine.



Jessica van Heest and Jonice van Limbeek are representatives of the Young Innovators of Medicines – a group of young professionals working within the pharmaceutical sector. They both work in the medical department of an innovative pharmaceutical company, with a focus on pharmaceuticals within Neuroscience. They are happy to tell you more about their experiences and possible (entry-level) positions.

☒ Workshop

Working in the pharmaceutical industry means working in a challenging environment. Something for you?! In this interactive workshop, our representatives – a group of young professionals – will tell you more about their experiences. Through an interactive set-up, they'll tell you about the pharmaceutical industry, the development of medicine, and different career opportunities. There will also be room for asking individual questions. We're looking forward to it, you too? Sign up!

All of the information above is sourced from the website or contact at the respective company.

MORE CAREER

Dear Career Day visitors,

Attending the Career Day is important because it helps you determine the path you will take later on in your career. Choices have to be made: "Which master do I want?", "Where do I want to do my internship?" and "Will I go for a PhD?". This Career Day can help with answering those questions, but your complete career path will not be decided in one single day. It is therefore important to keep orientating on the possibilities after this event.

To help you with making choices there is a whole page dedicated to career orientation on the [Mebiose Career Site](#). On this site you will find useful information like recaps on "Watch, Meet and Be your Future"- workshops, Career Days and other career orientation events. There is also a platform for companies and departments that could offer internships.

If you have any questions on the career site or on career orientation in general, you can always send an email to [mbeiose-vicefiscus@umcutrecht.nl](mailto:mebiose-vicefiscus@umcutrecht.nl).

Kind regards,

Coen Vliegen
h.t. vice-Fiscus der M.B.V. Mebiose

