

CAREER DAY 2024



CAREERDAY COMMITTEE

Knowledge unites. Connections ignite.

PROGRAM BOOKLET

2024



CAREERDAY SCHEDULE

13:15

Start - Introduction Speech
Collegezaal Blauw

13:30

Keynote Speaker - Guy Sphak
Collegezaal Blauw

14:00

Break

14:15

Q&A - Anna Akhmanova
Collegezaal Blauw

14:45

Break

15:00

Workshops - 1
Workgroup rooms

15:45

Break

16:00

Workshops - 2
Workgroup rooms

16:45

Break

17:00

Company Fair
Kroonluchter

18:00

End

Workshop locations

Same place for both timeslots

Company	Room No.
Bilthoven Biologicals	2.07
Genmab	2.41
Gupta Strategists	2.68
IQVIA	2.70
Checkmark	2.78
Young Innovators of Medicines	2.79
ZonMW	3.78
SVI	3.79

FOREWORD CHAIR

Hey there,

Welcome to the 2024 edition of the CareerDay organized by my lovely committee as a collaboration between ULSV Amino and Mebiose! Whether you're an MBLS or BMW bachelor's student, a GSLS student, or simply a life sciences enthusiast, you've come to the perfect place. The CareerDay is an opportunity to attend insightful talks, participate in hands-on workshops, and connect with pioneering companies in the field.



Our motto for CareerDay 2024, “Knowledge Unites, Connections Ignite,” is here for you to bring to life! When I attended my first CareerDay in 2022, I was just beginning my bachelor's degree and still wondering whether life sciences was the field for me. That day, the interactions and experiences energized me and helped me envision a clear path forward. Having that vision gave me the motivation to stay focused and work toward my goals throughout my degree. I hope today has a similar impact on you, filling you with inspiration, excitement, and openness to new challenges and ideas—truly the keys to success.

Beyond the professional highlights, the CareerDay is a fantastic place to meet experts in the fields you may aspire to join. Imbibe their mindset and skills, which not only make them exceptional at what they do but also allow them to find joy in their work!

We hope you enjoy the CareerDay as much as we enjoyed organizing it for you. Thank you for joining us and making the day fruitful. Cheers!—or as the committee says, KUCI!

Warmly,

Nishtha Chatterjee

Chair of the CareerDay Committee

FOREWORD AMINO/ MEBIOSE

Dear reader,

Welcome to Career Day of 2024! As fellow students, we understand the pressure of finding the “right” career path. With so many options in life sciences, it can feel overwhelming - where do you even begin? And how do you figure out what really interests you? After all, despite what many might believe, a lot of us will not actually end up in a lab! This career day, organized by the study associations M.B.V. Mebiose and U.L.S.V. Amino, is designed to help you take the first steps in exploring your options. Today is all about discovering new possibilities. You’ll have the chance to listen to interesting talks, join interactive workshops, and meet professionals at the company market. Who knows - today might bring you closer to finding out what truly excites you!

This Career Day isn’t the only way we’re here to support your career journey. Both associations offer a variety of events and resources throughout the year to help with your career orientation. Find out more about these activities at Mebiose and Amino. Plus, if you’re looking for a side job in life sciences, check out the vacancy pages on these sites! We wish you an inspiring day and hope you will learn a lot!

Kind regards,

On behalf of M.B.V. Mebiose and U.L.S.V. Amino,

Tess Müller (current commissioner of external affairs of U.L.S.V. Amino),

Koen Verheijen (last year’s commissioner of external affairs of M.B.V. Mebiose) and

Litske van Leeuwen (last year’s commissioner of external affairs of U.L.S.V. Amino)



Unlock Your Future in Life Sciences!

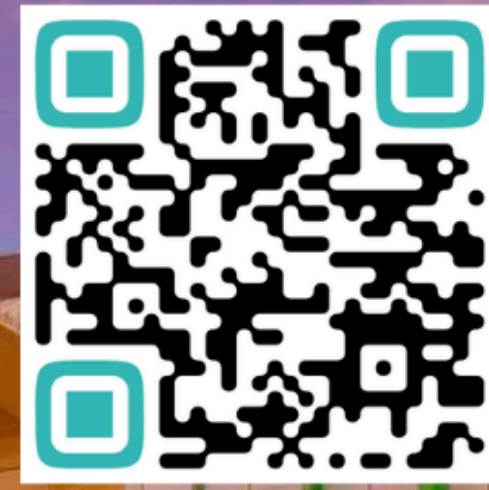
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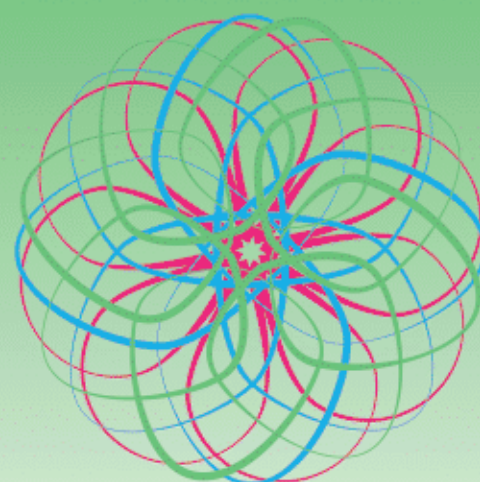
**Design your future with us, expand your horizons,
and take your career to the next level!**

**JE WEKELIJKSE
VERFRISSING...**



**MAAK ER
IMPACT MEE.**

**DOE MEE AAN
GENEESMIDDELENONDERZOEK**



CHDR

GUY SHPAK

I am a neuroscientist passionate about how common practices, and specifically martial arts practice, modify our brain and behaviour. I obtained my master's and Ph.D. in neurophysiology, researching how the brain codes social information conveyed by the olfactory system. As a postdoctoral researcher at the Erasmus Medical Center psychiatry department in Rotterdam, the Netherlands, I investigated the neurophysiology of mental disorders. I expanded my educational experience as a senior lecturer and course coordinator at the Life-Sciences department of the Erasmus University College.



Next to my academic education, I learned Chinese medicine and Shiatsu, NLP, photography, and more. I regularly meditate, dip in ice, and cycle to keep my body and mind recharged and balanced. The physiology of martial arts as a mental well-being intervention

Martial arts, often recognized for their physical benefits, are also known for their potential to develop and maintain mental well-being. A growing body of literature supports the idea that regular training may promote self-efficacy, emotional regulation, mental resilience, and other psychological parameters. In addition, more subjective measures of mental well-being were also found to be affected by martial arts practice, and emerging research shows that martial arts practice may modulate heart rate regulation and endocrine function.

During this talk, I will highlight the potential benefits of traditional and modern martial arts as mental well-being interventions in the context of the associated physiological adaptations relevant to mental well-being. I will focus on the cardiovascular and endocrine systems that were shown to be involved in both martial arts practice and mental well-being. I will discuss the relevant literature, current research, and future prospects.

ANNA AKHMANOVA

Anna Akhmanova is a renowned cell biologist and professor at Utrecht University. Her research primarily focuses on the dynamics of the cytoskeleton, particularly microtubules, and their role in intracellular transport, cell division, and other key cellular processes. Microtubules are essential for maintaining cell structure, facilitating cell movement, and transporting organelles and vesicles within cells.



Akhmanova's work has broad implications for understanding diseases such as cancer, neurodegeneration, and pathogen transmission within cells. Her group studies how proteins like kinesin and dynein, the motor proteins responsible for intracellular transport, function and interact with microtubules. This research also examines how these proteins coordinate cellular processes such as vesicle transport and cell polarization.

Throughout her career, Akhmanova has received numerous prestigious awards, including the NWO Spinoza Prize in 2018 and multiple European research grants. Her continued contributions to cell biology have positioned her as a leading figure in the field, particularly in the study of the cytoskeleton's biochemical properties.

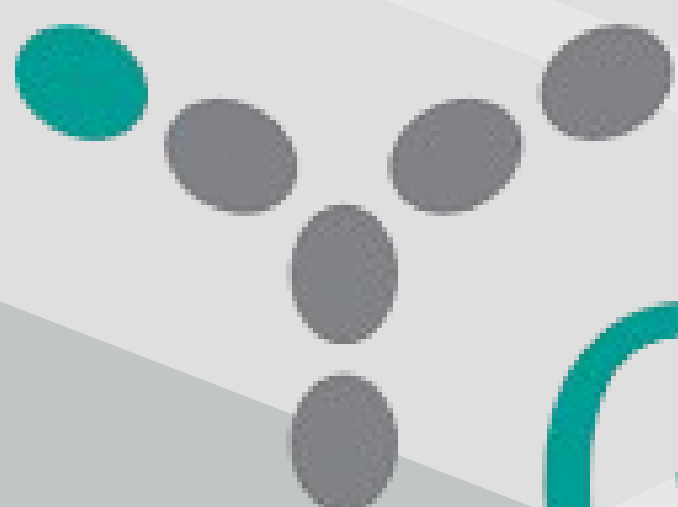
Genmab

Genmab is an international biotechnology company with a core purpose of guiding its unstoppable team to strive toward improving the lives of patients with innovative and differentiated antibody therapeutics. For 25 years, its passionate, innovative and collaborative team has invented next-generation antibody technology platforms and leveraged translational, quantitative and data sciences, resulting in a proprietary pipeline including bispecific T-cell engagers, antibody-drug conjugates, next-generation immune checkpoint modulators and effector function-enhanced antibodies.

By 2030, Genmab's vision is to transform the lives of people with cancer and other serious diseases with knock-your-socks-off (KYSO®) antibody medicines. Established in 1999, Genmab is headquartered in Copenhagen, Denmark, with international presence across North America, Europe and Asia Pacific.

For more information, please visit [Genmab.com](https://www.genmab.com) and follow us on LinkedIn and X.

Visit Genmab at their workshop or at the company market!



Genmab

WORKSHOPS

Genmab

During this workshop you will get an idea what it is like to work for Genmab. A senior scientist will share her career trajectory from being a biomedical sciences student towards working for Genmab. More specifically, we will address the following topics:

What jobs are possible at Genmab after studying biomedical/molecular life sciences?

What skills/qualities are needed to work at Genmab?

What are the biggest differences between working in industry vs. academia?

This will be an interactive session and there will be plenty of time to ask all your questions about working at a biotech company.

Bilthoven Biologicals

Workshop 1:

A contamination has been found in the Bio1500B... Production is at a standstill. In a small group you will work to determine the deviation using the provided documentation. What should you look at? What information is relevant and how do you organize it to see where the deviation is in the process? With the help of professionals, you will learn to interpret information and look for the problem. Duration: 1 hour

Workshop 2:

BBio produces BCG for Medac, due to the growth of Medac, they want BBio to produce more BCG. The MS&T department was therefore asked to investigate whether the BCG yield could be increased by implementing process changes. Who do you need within a company to make such a project a success? Which colleagues, specialists and departments are involved in a project such as increasing production scale? In a small group you discover how a company can be structured and which colleagues and departments are involved from start to finish.

WORKSHOPS

Gupta Strategists

This workshop will be given in Dutch

Het ministerie van Volksgezondheid, Welzijn en Sport belt je op; morgen moeten voor een spoeddebat de juiste cijfers op tafel liggen omtrent de huisartsenzorg van Nederland. Normaal zou je een diepgravende analyse doen om de vragen van het ministerie te beantwoorden, echter heb je nu maar kort de tijd om tot een goed antwoord te komen. Hoe kom je tot een zo goed mogelijke schatting in een zo kort mogelijke tijd? Welke beslissingen neem je, welke aannames doe je?

Wil je weten hoe het is om als consultant in de zorgsector te werken? Kom dan naar de sizing-workshop van Gupta Strategists!

Scientific Volume Imaging

Bring your own laptop!

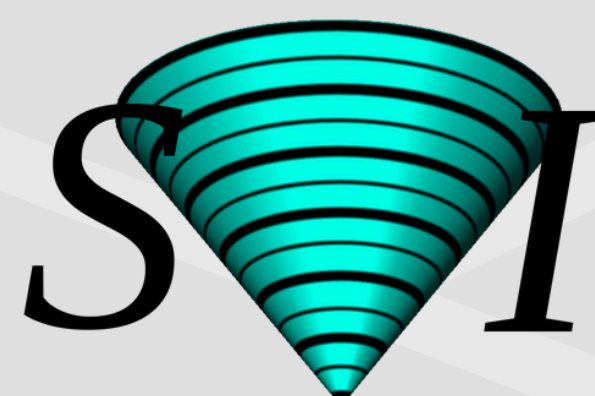
With hands-on sessions using the Huygens Software, you will learn how to identify and fix imaging issues like blur, noise, crosstalk, drift, and chromatic aberration. This will yield high quality input data for quantitative analyses. We will perform reliable colocalization and object analysis methods for 2D, 3D and time series.

During this workshop you will also get an idea what it is like to work for SVI, and get acquainted with the different career tracks that SVI has to offer. As an imaging consultant, you obtain in-depth knowledge of the topics covered in this workshop, combined with a commercial role, you will help researchers world-wide step up their imaging prowess. As a software developer, you can become part of our highly skilled team who develop powerful and fast algorithms, while maintaining user-friendliness to the end-user (Math / Physics background).

Don't miss this chance to get insight into this exciting job opportunity. As a bonus you will learn advanced skills that benefit you throughout your career. Register fast as long as places are available!



**GUPTA
STRATEGISTS**



www.svi.nl

Makers of the Huygens Software

WORKSHOPS

IQVIA

Workshop on the lifecycle of innovative medication

IQVIA is a large international company that combines data, knowledge, technology, and experience to positively influence healthcare around the world. Our mission at IQVIA is to advance healthcare together on many different levels. On the one hand, we do this by managing clinical trials and guiding market access approvals for new drugs. On the other hand, we provide information and advice on drug commercialization by sharing market insights and investigating therapeutic areas through hospitals, pharmacies, and healthcare professionals.

During the workshop, we will elaborate more on how IQVIA supports the industry from molecule to market. A Clinical Research Associate (CRA) will provide insight on the clinical studies to develop a safe and effective medicine. One of our Healthcare Consultants will also further elaborate on the necessary steps needed to bring this medicine to the market. Join the workshop to learn about all aspects of the “lifecycle of innovative medication”.

Checkmark

Make impact with your CV! (Eng)

Interested in creating an impactful CV that increases your chances to find your dream job? Sign up for our workshop! We'll start with an inspiring 20-minute presentation covering the do's and don'ts of a strong CV and a persuasive cover letter, showing you how to boost your chances in the job market. Plus, we'll give you insights into job and career opportunities after graduation!

Then, it's time to put the theory into practice! Bring your CV and receive direct feedback from our recruiters during interactive CV checks. This workshop is your chance to better position yourself and make a longlasting impression on future employers. Don't miss out and sign up today!



WORKSHOPS

Young Innovators of Medicine

Want to kickstart your career in medicine? The Young Innovators of Medicines (YIM) is a group of young professionals who work within the pharmaceutical sector. This sector guarantees a very dynamic working environment, but what job and development opportunities does this sector offer you? Do you want to know if a future lies ahead for you in Pharma?! During an interactive presentation, the YIM-ers will tell you more about the endless career possibilities. They will do their best to help you to kickstart your career in medicine!

From the perspective of a Health Science professional we will provide information on:

- What kind of job profiles could be of interest to start your career as a Health Science Master?
- How do such roles differ from working in other industries / academia
- What skills/qualities are most sought after in such roles?
- How your career might develop once you start within a pharmaceutical company.

ZonMw

ZonMw is a Dutch speaking company

Progress requires research and development. ZonMw therefore finances health research and encourages the use of the knowledge developed. In this way we contribute to improving healthcare and health. Do you also want to work at the intersection of research, policy and practice in healthcare? Or are you interested in how the subsidy process works and would you like tips on how to write a good project application? Come to our stand or register for our workshop, 'Money for scientific research: From project idea to practical application'.

COMPANY FAIR

These companies will be present at the company fair:



magnet.me



utrechtinc.

ACKNOWLEDGEMENT

Dear attendee,

We hope that you enjoyed this career day and that you have used this opportunity to talk to many different people and make some new connections! Bringing this event to life would not have been possible without the collective effort and dedication of many. Our sincerest gratitude goes to our speakers, Guy Shpak and Anna Akhmanova, and our workshop leaders, who have shared their time, knowledge, and experience with us. Their insights provide invaluable guidance and inspiration to those entering or navigating their careers.

Furthermore, we extend a heartfelt thanks to our sponsors, whose generous support has made it possible to organize an event of this caliber. Your contributions underscore your commitment to fostering the next generation of life science leaders.

A special acknowledgment goes to the organizing committee - the CDC, and volunteers. Your hard work, enthusiasm, and creativity have been instrumental in creating a memorable experience for all attendees.

Finally, thank you to everyone who joined us today. We hope the connections you made and the knowledge you gained here will be a catalyst in your journey, helping you shape a fulfilling and impactful career in life sciences.

Warm regards,
the Career Day Committee 2022-2024 of MBV Mebiose and USLV Amino

Ps. Interested in joining the committee for the next edition? Send a message to mebiose@umcutrecht.nl, board@ulsvamino.nl!



CAREERDAY COMMITTEE

Knowledge unites. Connections ignite.