



1. ryon –Rhine –Main – Universities

Summer School

From Idea to Start-up

Motivation

How does it feel to found a business? What do I need to know about it?
You always wanted to know what it takes to successfully start your own business?

The aim of the business-related Summer School is to motivate scientists to develop an idea and create a pitch deck which could be the basis for a newly formed company. Start-up need to generate attention to get funding from investors. Here a convincing form is mandatory for the success to show that the idea has besides the technical potential also the commercial potential and attractiveness. Here you will get in the first 2 days input from well-known scientists and founders and generate your own business idea. After the idea selection process teams will be formed with support of a moderator as expert in match making, team formation and idea creation. The days 3 and 4 will focus with a dedicated motivator and supporter team to grow and develop the idea further and create a pitch slide deck. With this final pitch you and your team have the chance to win a 5000€ award sponsored by ryon to bring the idea to life. The pitches will be presented to an expert Jury represented by members from the High Tech Gründer Fonds (HTGF), Merck, Evonik and BASF.

Finally, the award will be handed over by the Hessian Minister for Economic Affairs, Energy, Transport and Housing and Deputy Minister President of Hesse Tarek Al-Wazir during the opening of the transition center session which opens the doors for 6 laboratories for Start-ups in Gernsheim.

Every participant will learn about the essentials to found a Start-up and will receive a certificate!

The Summer School program will run daily from 9 am till 5 pm – drinks and food will be served during the program including two evening events on Monday and Wednesday.

Agenda

Monday, September 4th

Darmstadt

09:00	Welcome
	Victor de Lorenzo
	Kaspar Valgepea
	Coffee break
	Spot Intro I
	Lunch
	Spot Intro II
	Kerstin Göpfrich
	Wilfried Weber
	Coffee break
	Basic Idea Board
18:00 – open end	Get to know - Dinner

Tuesday, September 5th

Darmstadt

09:00	Ricarda Finner (LenioBio)
	Cansu Tekin (iGEM)
	Coffee
	Tobias Dölle (SPRIND)
	Charlie Cotton (Cambrium)
	Lunch
	Introduce Idea Stimulation / Workshop I
	Coffee break
	Introduce Idea Stimulation / Workshop II

Wednesday, September 6th

Wiesbaden

	Goal of the day – Onboarding “The one-million-dollar idea”
	Coffee
	DNA of a good idea
	Lunch
	Transforming your idea into a Start-up I
	Coffee break
	Transforming your idea into a Start-up II
	Start-up presentations
18:00 – open end	Meet politics & Dinner

Thursday, September 7th

Mainz

09:00	Intro – Talk Perfect Pitch with APP – Pitch Program
	Setting up your storyline
	Coffee break
	Preparing your Pitch-Deck
	Lunch
	Performing your Pitch
	Coffee break
	Rehearsal in front of the group

Friday, September 8th

Gernsheim

09:00	Pitch Preparation
	Coffee break
	Final Pitches
	Transition Center Opening
	Award Ceremony
	Farewell



Interested?
Apply under info@ryon.de

ryon Summer School venues

For Darmstadt, Mainz, and Wiesbaden the participants will travel on their own to the respective venues listed below. Start is every day at 9:00 am. Coffee will be available from 8:30 am on as well as the registration. For Gernsheim we will organize travel from Darmstadt central station at 8:00 am on Friday and after the program closure the bus will bring you to Gernsheim station and Darmstadt central station (planned 4:30 pm).



Day 1 - Merck Conference Center
Frankfurter Straße 250, 64293 Darmstadt

Day 2 - Merck Innovation Center
Frankfurter Straße 250, 64293 Darmstadt



Day 3 - Heimathafen – Schwurgerichtssaal
Karlstraße 22, 65185 Wiesbaden

Day 4 – Johannes Gutenberg University Mainz
Saarstraße 21, 55122 Mainz



Day 5 - Ryon GreenTech Accelerator at Fluxum GreenTech Parc Gernsheim
Mainzer Straße 41, 64579 Gernsheim

Summer School contributors



Heinz Koepl is director of the Centre for Synthetic Biology at TU Darmstadt and professor at the Department of Electrical Engineering and adjunct professor at the Department of Biology. He is currently also heading the graduate school "Life Science Engineering" at TU Darmstadt. He holds a M.Sc. in physics from Graz Karl-Franzens University and a Ph.D in electrical engineering from Graz University of Technology, Austria.



Bartosz Kajdas is an experienced expert in supporting academic startups. Since 2014, he has accompanied over 200 academic startups in their early stages at TU Darmstadt and the University of Heidelberg and conducted over 1,000 consultation sessions with founders from various scientific disciplines. His passion lies in promoting and nurturing the growth of innovative companies. In 2019, Bartosz launched the podcast "Working With Startups From Science," where he interviews numerous experts, founders, and entrepreneurs from the academic world. Through these conversations, he sheds light on the motivations and inspirations behind science-tech startups, offering valuable insights into the world of entrepreneurship. As an author, Kajdas wrote and developed the APP-Pitch-Program method, which helps scientists prepare optimally for pitching situations. The publication will be released in August 2023 by Springer Gabler Verlag.



Sabine General is working at TU Darmstadt and delivers lectures within the master program of Entrepreneurship at TU Darmstadt. She is author of many articles in innovation and creativity and has over 20 years of experiences in facilitating innovation workshops and creativity trainings.



Kerstin Göpfrich is Professor for Biophysical Engineering of Life at the Heidelberg University at the Center for Molecular Biology (ZMBH) and the Max Planck Institute for Medical Research.



Wilfried Weber is Scientific Director of the INM – Leibniz Institute for New Materials and Professor of New Materials at Saarland University.



Victor de Lorenzo is Chemist and Research Professor in the CNB-CSIC, Madrid where he heads the Laboratory of Environmental Molecular Microbiology and works at the interface between the Synthetic Biology and Environmental Biotechnology.



Kaspar Valgepea is Associate Professor/Group Leader, ERA Chair in Gas Fermentation Technologies, UT Institute of Technology Tartu in Estonia. His goal is to address the global challenges of biological sustainability by integrating gas fermentation technologies with systems biology and synthetic biology.

Founders



Cansu Tekin iGEM Community Project Head | Biotech Enthusiast | PhD in Molecular Oncology | Open to work in Berlin

As an experienced molecular biologist with a Ph.D., I bring a strong background in project management, business development, and scientific research. I have gained extensive experience leading diverse projects, conducting thorough due diligence, and building strategic partnerships. My ability to combine scientific expertise with a practical business mindset sets me apart. I thrive in dynamic environments, utilizing my analytical skills and innovative thinking to drive growth, deliver exceptional results and foster valuable collaborations.



Riccarda Finner Chief Scientific Officer at LenioBio GmbH Global program head and molecular immunologist with over 20 years' experience in academic, contract research organizations (Fraunhofer Gesellschaft) and pharmaceutical industry (Dyax s.a., Bayer AG). 'Mini-MBA' from Falconbury Ltd., London. Co-Founder and CSO of AAvantgarde AG. Extensive line management experience (cross-functional and cross-cultural team member) and budget responsibilities. Ten-year work experience abroad. Extensive experience in global project management and alliance management. Expert in the development of pharmaceutical products, e.g., antibodies, bispecifics, and antibody-drug-conjugates. Current focus on immuno-therapy, antibody-drug-conjugate and paediatric.



Charlie Cotton is Co-Founder and Chief Scientific Officer at Cambrium, a next-generation materials company utilising the molecular superpowers of proteins to rethink the way we make everything. I've spent the last decade researching more sustainable ways to make the products we use every day, and co-founded Cambrium to help make it a reality.



Tobias Dölle is Analyst at the German Federal Agency for Disruptive Innovations (SPRIND). After gaining first experience in the chemical industry, he dedicated his efforts to promoting innovation, initially in the technology transfer department of the Chamber of Industry and Commerce. Tobias Dölle holds a Bachelor's degree in Chemistry and a Master's in Business Chemistry

Jury



Markus Pompejus (BASF SE) studied Biology and holds a PhD from Georg-August-University Gottingen. He had various responsibilities and leadership roles in BASF in Germany, South Korea and the U.S., ranging from research, product and process development, commercial operations, production, new business development to general management. In his current position as Vice President Group Research, one of his focus areas is interaction with Start-up companies. He is located in Ludwigshafen, Germany.



Silko Grimm (Evonik) currently manages the political networks for the innovation department of Evonik Operations GmbH. His professional career started at the Business Line Health Care of Evonik; Division Nutrition & Care as innovation project manager in 2011. From 2016 till 2022 he was Director of Strategic Projects and Head of the Project Management Office of the business line Health Care. Silko Grimm receive his PhD in engineering science from the Martin Luther University Halle-Wittenberg (Halle, Germany) and the Max Planck Institute of Microstructure Physics (Halle, Germany) and studied physics and computer science at the university of applied science Merseburg (Germany). He is also Co-Speaker of the German Platform of NanoBioMedicine.



Niels Sharman (HTGF) has been working as an Investment Manager in HTGF's Life Science & Chemistry team since 2020. Prior to that, he gained experience in the pharmaceutical industry and worked for a biotech startup. He holds a Bachelor's degree in Biology from Ludwig-Maximilians-Universität Munich and a Master's degree in Management from Technische Universität München.



Michael Rayner (Merck KGaA) is an industrial expert in synthetic biology with >25 years of experience at the Merck KGaA and has an unusual blend of commercial and academic research experience. From his current position as the Head of Tech Scouting Network & Technology Platforms at the Science and Technology Office he looks back at managing technology initiatives and transforming concepts from ideas into commercially viable biotechnology-based products with double digit million sales. His previous roles involved the management of biotech production processes, from launching GMO laboratories to running multi-ton fermentation 24/7 processes.

ryon - The GreenTech Accelerator Gernsheim GmbH

The Hessian launch pad for deep tech Start-ups in Biotechnology, Chemistry and Material Sciences



Prof. Dr. Jörg von Hagen is Managing Director at ryon – GreenTech Accelerator Gernsheim GmbH – He is Biotechnologist and Cell Biologist by training. Jörg has over 30 years' experience in industrial and applied R&D at Merck KGaA.



Steffen Bruckner is Managing Director at ryon – GreenTech Accelerator Gernsheim GmbH – He is Diplom Wirtschaftsmathematiker (TU).



Ulrike Wedel is executive assistance at ryon. She supports in the planning and organization of meetings and events.



Registration at ryon@info.de

