	Introduction

10:00:00	Walk in and coffee	
11:00:00	Introduction: what is biohacking?	Lucas Evers
12:00:00	Waag Tour	Sunke Puell + Maarten Smith
12:30 -13:30	Break	
13:30:00	Workshop: Introduction to bioplastics	Maarten Smith
17:00:00	Wrap up	
10:00:00	Introduction to bio-safety	Per Staugaard
12:30 -13:30	Break	
13:30:00	Participant presentations	
14:30:00	Field note exercise: plating bacteria	Maarten Smith
17:00:00	Wrap up	
10:00-12:30	Workshop: documenting your progress	Maarten Smith
12:30 -13:30	Break	
13:30-17:00	Working on documentation website	
10:00 - 17:00	Working under supervision	
	No program - lab closed	
	11:00:00  12:00:00  12:30 -13:30  13:30:00  17:00:00  10:00:00  12:30 -13:30  13:30:00  14:30:00  17:00:00  10:00-12:30  12:30 -13:30  13:30-17:00	11:00:00

Week 2: Lab infrasctructure

MONDAY 25/3/2024	10:00-11:00	Show and tell (start by showing work without speaking)	Maarten Smith
	11:00-12:30	Lecture: Lab infrastructure	Maarten Smith
	12:30 -13:30	Break	
	13:30-14:00	Fablab tour	Henk Buursen
	14:00-17:00	Workshop: From digital design to fabrication	Maarten Smith
Ī	17:00:00	Wrap up	
TUESDAY 26/3/2024	10:00:00	Building lab machines: Stirrer / incubator / flow hood	Anne Vlaanderen
	12:30 -13:30	Break	
	13:30-17:00	Building lab machines: Stirrer / incubator / flow hood	Anne Vlaanderen
WEDNESDAY	10:00 - 11:00	Politics of biotechnology	Maro Pebo
27/3/2024	11:00 - 12:30	Workshop: building a bioreactor	Maarten Smith
	12:30 - 13:30	Break	
	13:30 - 17:00	Workshop: building a bioreactor	Maarten Smith
THURSDAY 28/3/2024	10:00 - 17:00	Working under supervision	Anne Vlaanderen
FRIDAY 29/3/2024		No program - lab closed	

Week 3: Working with living organisms - Macro

MONDAY 1/4/2024	Easter	No programme	
TUESDAY 2/4/2024	10:00-11:00	Show and tell (start by showing work without speaking)	Maarten Smith
	11:00 - 12:30	Lecture: fermentation and food	Margherita Soldati
	12:30 -13:30	Break	
	13:30:00	Workshop: fermentation and food	Margherita Soldati
	17:30:00	Wrap up	
WEDNESDAY	10:00 - 12:30	Guest lecture: Center for genomic gastronomy	Zac Denfeld and Cat Kramer
3/4/2024	12:30 - 13:30	Break	
	13:30 - 17:30	Workshop: Growing biomaterials	Maarten Smith
THURSDAY 4/4/2024	10:00 - 17:30	Workshop: Growing complex fungi	Anne Vlaanderen
FRIDAY 5/4/2024		No program - lab closed	

Week 4: Working with living

### BA40024    11:00 - 12:30   Continue Without speaking)   Marken Smith   Name Pobo	MONDAY			
11:00 - 12:30	MONDAY 8/4/2024	10:00 - 11:00	Show and tell (start by showing work without speaking)	Maarten Smith
1230-1330   Smale	0/4/2024	11:00 - 12:30	Lecture: Microorganisms in art and	Maro Peho
133000   Workshop; bacterial gives   Mearten Smith   173000   Wings up   173000   Wings up   1230-1330   1230-13				Maio i obo
17:30:00   Workshop: Gram staining   Justin Stewart				Manadan Conith
TUESDAY   10:00:00   Workshop: Grim staining   Justin Stewart   12:30 - 13:30:00   Workshop: Grim staining   Justin Stewart   13:30:00   Workshop: Grim staining   Justin Stewart   13:30:00   Workshop: Grim staining   Justin Stewart   10:40:20:40   12:30:13:30   Workshop: Grim staining   Justin Stewart   10:40:20:40   12:30:13:30   Workshop: Echen biosersons   Adrana Knoof   Anne   THURSDAY   10:40:17:00   Workshop: Echen biosersons   Adrana Knoof   Anne   THURSDAY   10:00:17:00   Workshop: Echen biosersons   Anne   Anne   THURSDAY   12:30:13:30   Break   THURSDAY   12:30:13:30   Break   THURSDAY   12:30:13:30   Break   THURSDAY   10:00:12:30   Workshop: sol chromatography   Flightman   Flightman   The trip of trip of the trip of the trip of t				Maarien Smith
9/4/2024  10.00.00  Workshop: Germ stanning Justin Stewart  12.30.43.30  Break  13.30.00  Workshop: Germ stanning Justin Stewart  10/4/2024  10.00.12.30  Ecohing for lichen Break  THURSDAY 10.00.17.00  Workshop: Lichen biosensors Adrana Knoof  Anne  11/4/2024  10.00.17.00  Workshop: Lichen biosensors Adrana Knoof  Anne  11/4/2024  No program- lab closed  WEDNESDAY 17/4/2024  10.00.01  Workshop: sol chromatography Feshiman  13.30.00  Workshop: sol chromatography Heahman Feshiman  13.30.00  Workshop: sol chromatography Feshiman  13.30.00  Workshop: sol chromatography Feshiman  TUESDAY 10.00.12.30  Workshop: sol chromatography Feshiman  TUESDAY 10.00.12.30  Workshop: sol chromatography Feshiman  TUESDAY 10.00.12.30  Workshop: sol chromatography Feshiman  Mearten Smith & Hannah Feshiman  Tom Poeters & Mathijs de Blok  WEDNESDAY 17/4/2024  10.00.12.30  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs de Blok  13.30.17.00  Workshop: E.osl biosensor  Tom Poeters & Mathijs d	THESDAY	17:30:00	Wrap up	
133:00.00   Workshop: Came staining   Justin Stewart		10:00:00	Workshop: Gram staining	Justin Stewart
17:30:00   Wapu up		12:30 -13:30	Break	
WEDNESDAY				Justin Stewart
104/2024	WEDNESDAY			Maarten Smith
THURSDAY	10/4/2024			
114/2024	THE IDODAY	13:30-17:00	Workshop: Lichen biosensors	Adriana Knouf
		10:00 - 17:00	Working under supervision	Anne
WEDNESDAY			No program - lab closed	
17/4/2024	Week 5: Sensing			
17/4/2024	WEDNESDAY	10.00.00		Magran Cmith 9 Harrat
13:30:00				
13:30:00   Workshop: Soli critomatography   Fielshman		12:30 -13:30	Break	Magran Smith & Hannah
TUESDAY		13:30:00		
16/4/2024		15:00:00		Maarten Smith
12:30 -13:30   Break     13:30 -17:00   Workshop: E. coli biosensor   Tom Peeters & Mathijs de Blok   17:47/2024   10:00 - 12:30   Workshop: E. coli biosensor   Tom Peeters & Mathijs de Blok   12:30 -13:30   Break   13:30-17:00   Workshop: E. coli biosensor   Tom Peeters & Mathijs de Blok   12:30 -13:30   Break   13:30-17:00   Workshop: E. coli biosensor   Tom Peeters & Mathijs de Blok   18:47/2024   10:00 - 17:00   Continue workshop or start with ideas for personal project   Anne Vlaanderen   Mathijs de Blok   Mathijs de Blok   Mathijs de Blok   Mathijs de Blok   Tom Peeters & Mathijs de Blok   Tom Peeters & Mathijs de Blok   Tom Peeters & Mathijs de Blok   Mathijs de Blok   Tom Peeters & M		10:00-12:30		Tom Peeters & Mathijs de Blok
10:00 - 12:30   Workshop: E.coli biosensor   Tom Peeters & Mathijs de Blok		12:30 -13:30	Break	
17/4/2024		13:30 - 17:00	Workshop: E.coli biosensor	Tom Peeters & Mathijs de Blok
13:30-17:00		10:00 - 12:30	Workshop: E.coli biosensor	Tom Peeters & Mathijs de Blok
THURSDAY		12:30 -13:30	Break	
18/4/2024   10:00 - 17:00   Ideas for personal project   Anne Vlaanderen		13:30-17:00	Workshop: E.coli biosensor	Tom Peeters & Mathijs de Blok
PRIDAY		10:00 - 17:00		Anne Vlaanderen
Monday	FRIDAY		No program - lab closed	
MONDAY   22/4/2023				
11:00 - 11:00	Week 6: Plants and DNA			
11:00 - 11:00	MONDAY		Show and tell (start by showing	
12:30 -13:30   Break   13:30:00   Workshop: Micropropegation   Vinzenz Lautenegger   17:30:000   Wrap up   Vinzenz Lautenegger   17:30:000   Wrap up   Spela Petrič   12:30 -13:30   Break   12:30 -13:30   Break   13:30:000   Lecture: CRISPR Bestiary   Maro & Maarten & Lucas Evers   15:00:00   Prepare protocol for tomorrow   Maarten Smith   WeDNESDAY   24/4/2024   10:00 - 17:00   Workshop: Genetic modification: Green flourescent protein   Maarten Smith & Sara Broekmar   THURSDAY   25/4/2024   10:00 - 17:00   Working under supervision   Anne Vlaanderen   Anne Vlaanderen   Week 7: CRISPR week   10:00 - 10:45   Show and tell (start by showing work without speaking)   Maarten Smith   Maarten Smith   10:45 - 11:15   Introduction to personal project   Maarten Smith & Maro Pebo   12:30 - 13:30   Break   15:00:00   Material brainstorm session   Maarten Smith   Anne Vlaanderen   Anne Vlaand		10:00 - 11:00		Maarten Smith
13:30:00				Vinzenz Lautenegger
17:30:00   Wrap up     10:00:00   Lecture: Phytoteratology   Spela Petrič   12:30 -13:30   Break   13:30:00   Lecture: CRISPR Bestiary   Maro & Maarten & Lucas Evers   15:00:00   Prepare protocol for tomorrow   Maarten Smith   Marten Smith & Sara Broekmar   10:00 - 17:00   Workshop: Genetic modification: Green flourescent protein   Maarten Smith & Sara Broekmar   10:00 - 17:00   Working under supervision   Anne Vlaanderen   Maarten Smith & Sara Broekmar   10:00 - 17:00   Working under supervision   Maarten Smith & Sara Broekmar   10:00 - 10:45   Show and tell (start by showing work without speaking)   Maarten Smith   10:45 - 11:15   11:30 - 12:30   Introduction to personal project   Maarten Smith & Maro Pebo   12:30 - 13:30   Break   15:00:00   Material brainstorm session   Maarten Smith   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   10:00 - 17:00   Material brainstorm session   Maarten Smith   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   10:00 - 17:00   Material brainstorm session   Maarten Smith   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   Anne Vlaanderen   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   Anne Vlaanderen   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   Anne Vlaanderen   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   Anne Vlaanderen   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   Anne Vlaanderen   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   10:00 - 17:00   10:00 - 17:00   Morking under supervision   Anne Vlaanderen   10:00 - 17:00   10:00 - 17:				Vinzanz Lautanaggar
10:00:00				Virizeriz Lauteriegger
12:30 - 13:30   Break   Marc & Maarten & Lucas Evers	TUESDAY			Šnala Patrič
13:30:00	23/4/2024		, 0,	Spela Fettic
15:00:00   Prepare protocol for tomorrow   Maarten Smith				Maro & Maarton & Lucas Evers
WEDNESDAY   24/4/2024   10:00 - 17:00   Workshop: Genetic modification: Green flourescent protein   Maarten Smith & Sara Broekmar   THURSDAY   25/4/2024   10:00 - 17:00   Working under supervision   Anne Vlaanderen				
THURSDAY   10:00 - 17:00   Working under supervision   Anne Vlaanderen			Workshop: Genetic modification:	
10:00 - 17:00   Working under supervision   Anne Vlaanderen			Green flourescent protein	
No program - lab closed   No program - lab closed		10:00 - 17:00	Working under supervision	Anne Vlaanderen
Monday 29/4/2024   10:00 - 10:45   Show and tell (start by showing work without speaking)   Maarten Smith			No program - lab closed	
Monday 29/4/2024   10:00 - 10:45   Show and tell (start by showing work without speaking)   Maarten Smith	26/4/2024			
29/4/2024   10:00 - 10:45   work without speaking)   Maarten Smith	Week 7: CRISPR week			
29/4/2024   10:00 - 10:45   work without speaking)   Maarten Smith	Monday		Show and tell (start by showing	
11:30 -12:30	-	10:00 - 10:45		Maarten Smith
11:30 -12:30  12:30 - 13:30 Break  15:00:00 Material brainstorm session Maarten Smith  TUESDAY 10:00 - 17:00 Working under supervision Anne Vlaanderen			Introduction to personal project	Maarten Smith & Maro Pebo
15:00:00 Material brainstorm session Maarten Smith  TUESDAY 10:00 - 17:00 Working under supervision Anne Vlaanderen				
TUESDAY 10:00 - 17:00 Working under supervision Anne Vlaanderen				Maarten Smith
		10:00 - 17:00	Working under supervision	Anne Vlaanderen
30/4/2024 12:30 -13:30 Break	30/4/2024		,	

	13:30:00 - 17:00	Working under supervision	Anne Vlaanderen
WEDNESDAY 1/5/2024	10:00:00	Lecture: Critical Crispr	
17572024	12:30 -13:30	Break	
	13:30:00	Introduction to CRISPR Protocol	Maro Pebo, Maarten Smith, Sara Broekman
THURSDAY	10:00 - 17:00	Working under supervision	Anne Vlaanderen
0/5/0004	12:30 -13:30	Break	
2/5/2024 FRIDAY	13:30 - 17:00	Wrapping up	Maro Pebo
3/5/2024		No program - lab closed	
Week 8: CRISPR Week			
MONDAY	10:00 - 17:30	CRISPR Workshop	Tom Peeters & Matthijs de Blok
6/5/2024 TUESDAY		· ·	,
7/5/2024	10:00 - 17:30	CRISPR Workshop	Tom Peeters & Matthijs de Blok
WEDNESDAY 8/5/2024	10:00 - 17:30	Working under supervision	Maarten Smith
THURSDAY 9/5/2024	10:00 - 17:30	Working under supervision	Anne Vlaanderen
FRIDAY 10/5/2024			
Week 9: Personal Project			
MONDAY			1
13/5/2024 TUESDAY	10:00 - 17:30	Working under supervision	Maarten Smith
14/5/2024	10:00 - 17:30	Working under supervision	
WEDNESDAY 15/5/2024	10:00 - 17:30	Working under supervision	Maarten Smith
THURSDAY 16/5/2024	10:00 - 17:30	Working under supervision	
FRIDAY 17/5/2024		No program - lab closed	
Week 10: Personal project			
MONDAY 20/5/2024	10:00 - 17:30	Working under supervision	Maarten Smith
TUESDAY 21/5/2024	10:00 - 17:30	Working under supervision	
WEDNESDAY 22/5/2024	10:00 - 17:30	Working under supervision	Maarten Smith
THURSDAY	10:00 - 17:30	Final Presenatations	
23/5/2024 FRIDAY		No program - lab closed	
24/5/2024			
Week 11: No program			
27/05/2024 - 31/05/2024		No program - lab closed	
Week 12: Internal presentation			
MONDAY 3/6/2024	10:00 - 17:30	Final presentations (internal)	Maarten
TUESDAY	10:00 - 17:30		
4/6/2024 WEDNESDAY	10:00 - 17:30		Maarten
5/6/2024 THURSDAY	10:00 - 17:30		
6/6/2024	.0.00 17.00		
FRIDAY 7/6/2024		No program - lab closed	
Week 12: Academy show			
MONDAY 10/6/2024	17:30 - 21:30	Final presentations (SHOW)	Maarten Smith & Anne Vlaanderen