

FEMTECHNOLOGY SUMMIT 2023

Gender Data Gap
- Lisa Falco



zühlke
empowering ideas

IN COLLABORATION WITH



June 6 & 7
Roche-Tower, Basel, Switzerland



Why is the gender health data gap an issue?

What is AI?



- » No standard definition
- » Covers practices and technologies to make machines intelligent and to solve complex problems
- » Machine learning: Algorithms that learn from data

“Field of study that gives computers the ability to learn without being explicitly programmed”

Attributed to Arthur Samuel, 1959

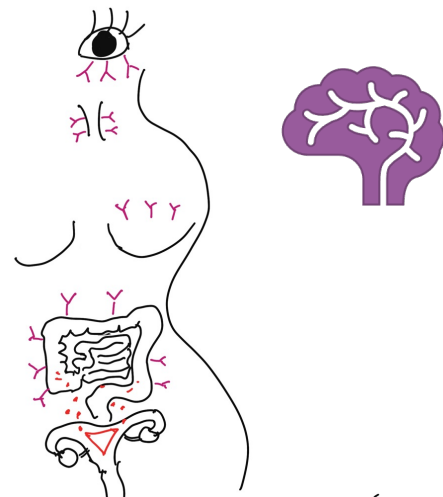
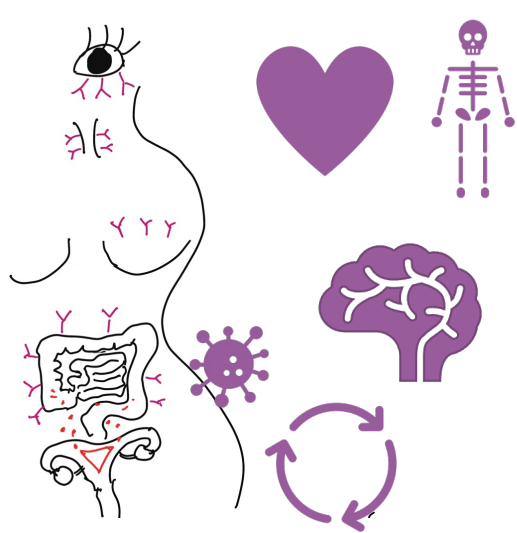
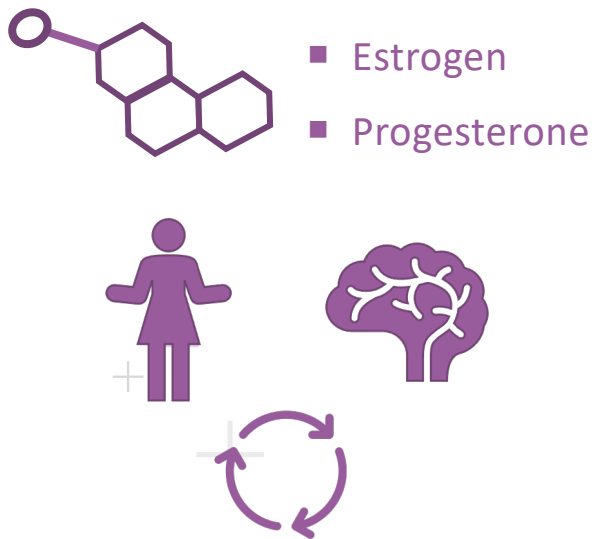
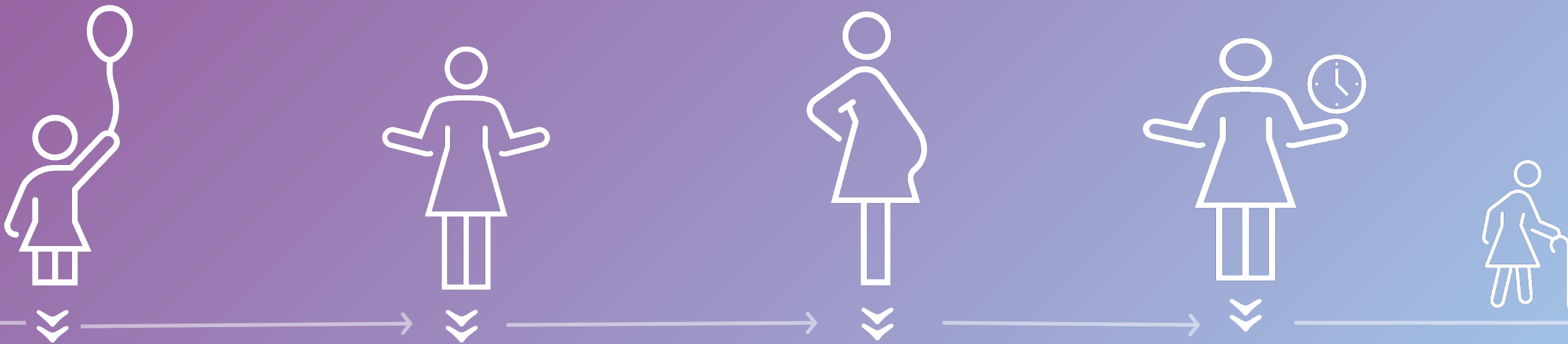
We need data to build our models



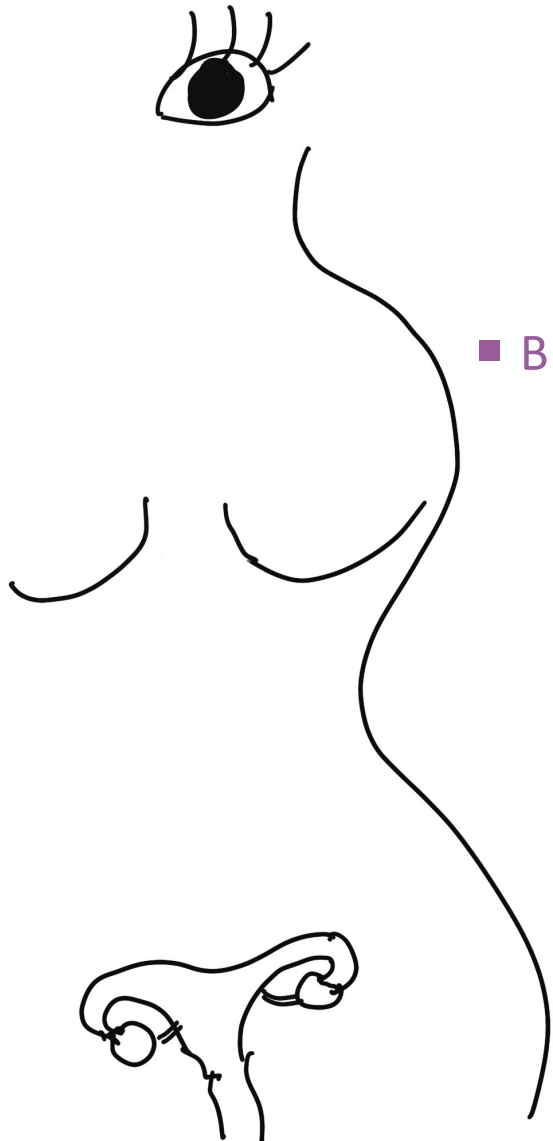
- 01 | High quality, labelled data
- 02 | Ethically collected
- 03 | Unbiased data



Small men with "pesky" hormones



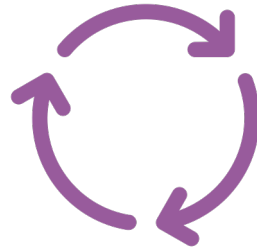
Other unique features of the female body



■ Breast cancer

■ Cervical cancer

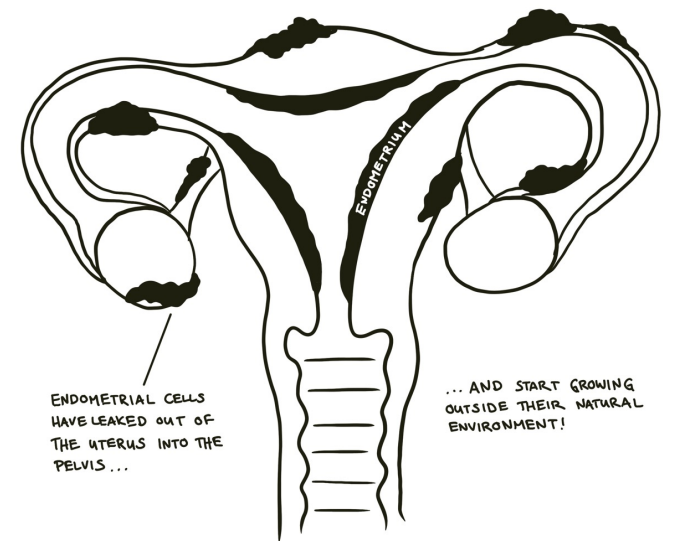
■ Hormonal disruptions



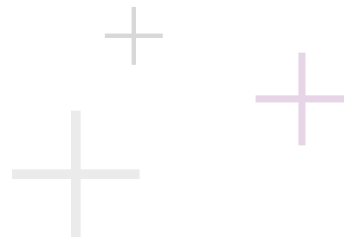
■ Auto-immune diseases



Endometriosis



Responsible AI as an opportunity



01 | Fairness & transparency

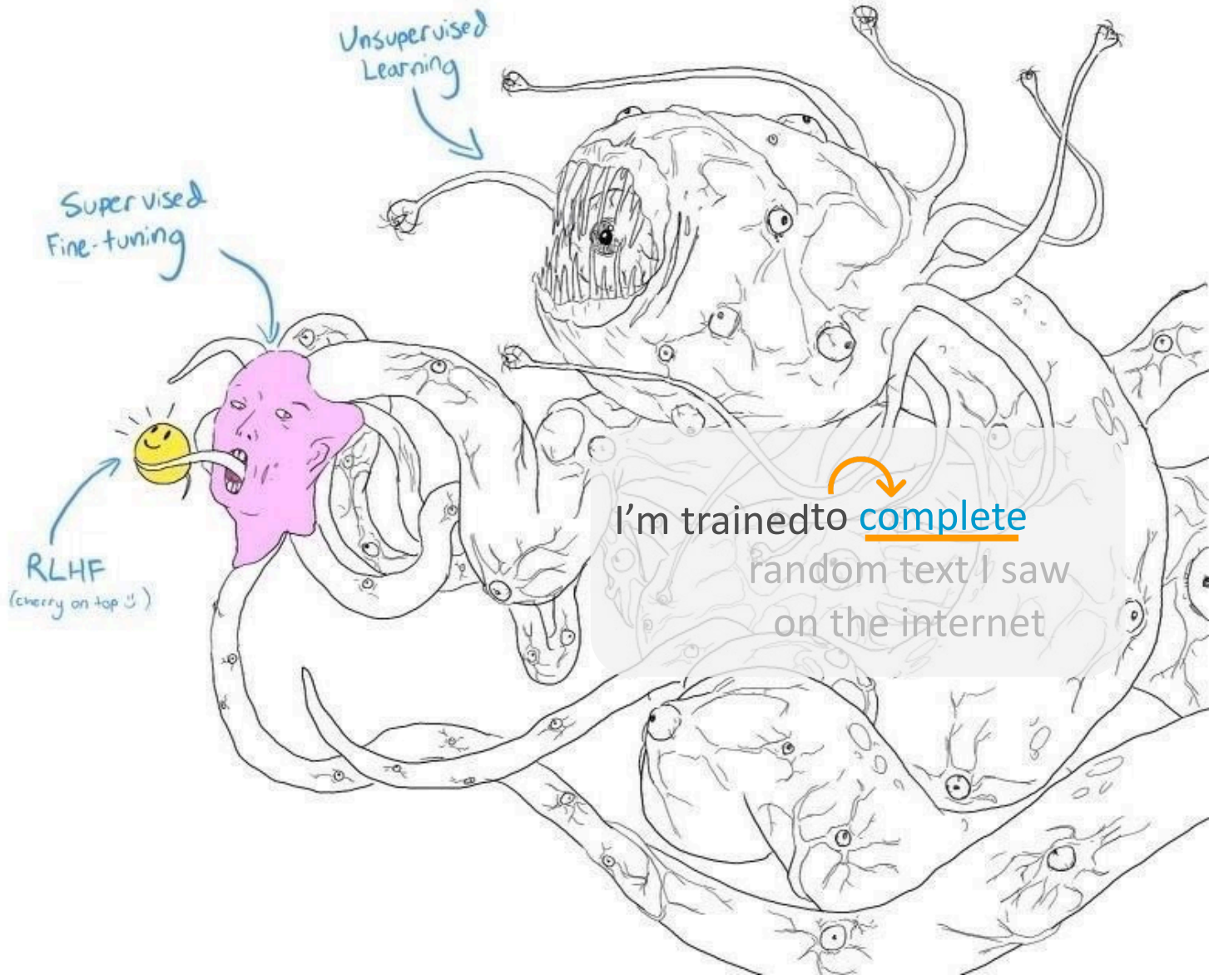


02 | Actionable insights



03 | Trustworthy

AI Alignment



An illustration of large language models from @anthrupad



AI is an opportunity to get things right.
What do we need to get there?

Think about the following questions as the presentation progresses:

- Are there overlaps?
- What are the data gaps that Startups, Clinicians, Researchers + Patients face?
- Are there commonalities in data gaps ?
- Are there ways those data gaps can be complemented by different actors (ie do different stakeholders have answers to the data gaps that plague others)?
- What is the largest obstacle : collection? Consolidation? Interpretation? Analysis ? What tools do we have at our disposal to overcome this ?
- Is there a common narrative we can identify in terms of the gender data health gap that has not been told before? (Ie not just we haaven't studied women's bodies but what is a way to break the gender data health gap as it stands currently)



Audrey Tsang

Co-CEO, Clue by Biowink



Period Tracking

Period tracking app that
has reproductive health
down to a science



Dr. Amanda Shea

Head of Science, Clue by Biowink



Period Tracking

Period tracking app that
has reproductive health
down to a science



Muriel Bekto

Global Account Director Life Sciences,
Microsoft



Life Sciences

Driving business transformation in life sciences through innovative business models and digital technologies



Heath Hartle

COO, Impli



Fertility

Building The First Real
Time Hormone Monitoring
Device for Fertility



Hana Besbes

Investor, Heal Capital



HealthTech Investing

Backing mission-driven
ambitious Healthtech
Founders in their crucial
Seed & Series A stages



Eva Poggio

Co-Founder,
RoX Health GmbH and eve & i



Health Innovation

Paving the way for
founders & startups to
make their digital health
solutions desirable,
impactful and available
to people



Iva Lazarova

Clinical, Regulatory & Quality Manager,
Daye



Gynae Health

Period care, vaginal
health screening, and
improved contraception
prescriptions



Isabelle Guenou

CEO & Co-founder, theBlood



Menstrual Blood

Helping people access,
understand and benefit
from unprecedented data



Emma Kallina

PhD Candidate in Human-AI
Collaboration, University of Cambridge

Human-AI

Understanding how User
Research could mitigate
these problems and
contribute to responsible AI
in practice





Yasmin Baba

CPO & Co-founder, Amilis



Fertility

Raising awareness about infertility and helping to navigate the start of fertility journeys



Ariadna Maso

CEO & Founder, Sanno Health

GI & Women's Health

Connecting patients with sites and pharma for real-time insights to speed up treatment and clinical research for GI, women's health and metabolic health



Enriqueta Vallejo-Yagüe

Postdoc & Team Leader, University of Bern



Primary Care

Closing the gap between
practice and research in
primary health care
institutions



Laura Okafor Crain

CEO & Founder, Perry



Menopause

Connecting and supporting women in their menopause transition



Neda Taghinejedi

Academic Clinical Fellow,
University of Oxford



Medical Devices

Exploring & Mapping
Priorities for Women's
health tech, Equipment,
kit, devices, and pRoducts



Agustina Bigatti

Business Developer, Light-it



Digital Products

Adding value to
Healthcare companies
with product expertise,
technical capabilities, &
industry-specific
regulations knowledge

Thank you!