



Cheer up!

My learnings as a computational biologist in drug discovery

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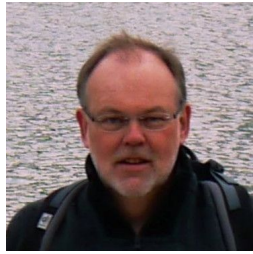
The Invitation

It would be great to give to the student a glimpse of how research in a large pharma company looks like, i.e. which type of projects are you working on, how is the research organized, etc... I think the EDCB cohort would also be really interested about your path, what led you in drug discovery and how you made it to Roche.

Three things that cheer me up*

1. Finding my mentors.
2. Becoming a mentor.
3. Dancing with surprises.

* besides computational biology and drug discovery:)

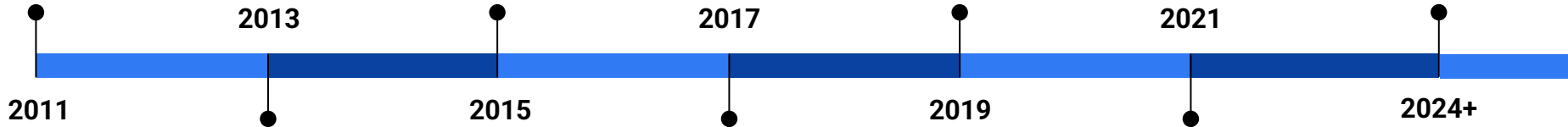


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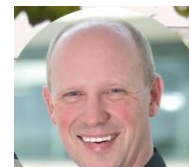
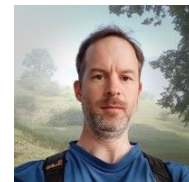
Marianne Manchester



I thank my mentors...

- [Uwe Grether](#), who masters the art of connecting and engaging people;
- [Annie Moisan](#), who inspires with ideas and amazes by turning them into reality;
- [Holger Fischer](#), who has deep insights and rich experience in turning molecules into medicines. He is the ironman of drug discovery for me;
- [Lisa Sach-Peltason](#), who remains calm, diplomatic, collected, and thoughtful even under pressure or facing conflicts;
- [Iakov Davydov](#), who is one of the rare typus that are curious, courageous, knowledgeable, and kind at the same time;
- [Roland Schmucki](#), for listening attentively and delivering reliably, always;
- [Detlef Wolf](#), who has a Salsa rhythm deep inside that emits joy of life;
- [Klas Hatje](#), who has your back when you think you may fall or fail;
- [Rob Mader](#), who manages every time to evoke a smile and make my day;
- [Matthias Nettekoven](#), whose hug is just legendary as his dedication to apprentices and young talents;

... and [many, many more colleagues](#), to whom I look up every day..

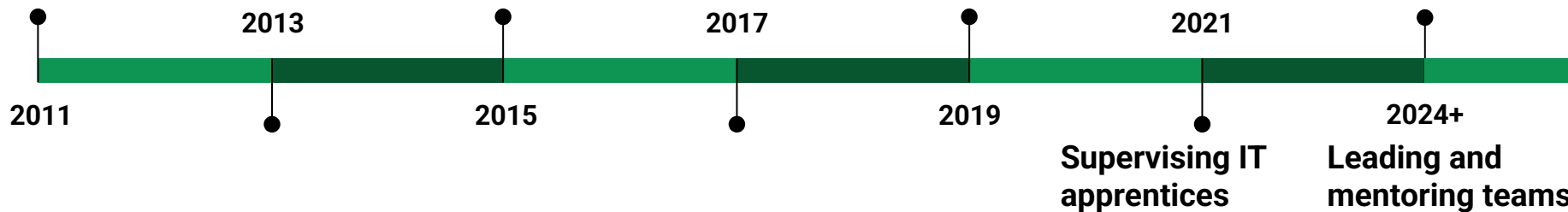




**Supervising master, PhD
students/interns, and postdocs**

**Teaching courses at
University of Basel**

**Organizing Roche
PMDA summer schools**



Top row: Gregor Sturm, Simon Crouzet, Alexandra Valeanu, PMDA Summer School 2024;
Bottom row: Yannick Benndorf, Paul Geser; Giulia Ferraina, Jannick Lippuner, and the legendary LAP (Lehrabschlussprüfung) party.



Future holds surprises for you

Article

A novel antibiotic class targeting the lipopolysaccharide transporter


<https://doi.org/10.1038/s41586-023-06873-0>

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Three things that hopefully cheer you up, too

1. Find your mentors.
2. Become a mentor.
3. Dance with serendipity.



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