



Eva GSCHAIDER-REICHHART

Finishing year: 2017

Supervisor: Harald Janovjak, IST
Austria

Co-Supervisor: Gaia Novarino,
IST Austria

Thesis title: Optical and
Optogenetic Control of Cell
Proliferation and Survival.

Current Position and Employer:
Operational Management
Trainee, Takeda Pharmaceutical
Company, Vienna, Austria (after
a PostDoc year at Monash
University, Melbourne,
Australia)

MolTag alumni page:

[Eva Gschaider-Reichhart \(univie.ac.at\)](https://univie.ac.at)

Social network:

[Eva Gschaider-Reichhart](#) | [LinkedIn](#)

How would you summarize your thesis results in 3 sentences?

The goal of the thesis was the development of new strategies for optical and optogenetic control of proliferation and pro-survival signalling. These new light-based systems have unique features, such as red light as an activator, or the avoidance of gene delivery. A special focus was placed to implement these new light-based approaches in pancreatic beta-cells, the key players in diabetes.

What was the impact of the MolTag program on your further career?

It was a great opportunity to learn more about different scientific fields, allowing me to gain a broad scientific background.

Did you keep connections with some former colleagues?

I am in contact with some of my colleagues from IST, who were also MolTag colleagues.

What did you particularly like about the MolTag program?

I enjoyed the opportunity to **learn more about different scientific fields and to get challenged from colleagues with another scientific background**. I also liked organizing the Symphosion together with my MolTag colleagues and the evenings together at the Heurigen.

What is your recommendation for current MolTag PhD students?

Be open-minded for new and different things and aspects.

