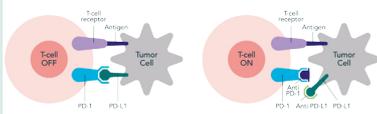


Dear Friends and Protagen Collaborators

With the Easter break just around the corner, it's time to reflect on an exciting first quarter. Protagen was in the news more often than ever before in its history, and for all the right reasons. We initiated our immuno-oncology program, advanced our NavigAID Sjögren development and continued our success with pharma collaborations by winning new projects and successfully concluding others. With significant additional progress expected in the near future, stay tuned for updated news from Protagen over the summer. In the meantime, we hope you have a nice and relaxing Easter break and, as a little treat, enjoy trying our Easter chocolate recipes below :) !



Immuno-Oncology



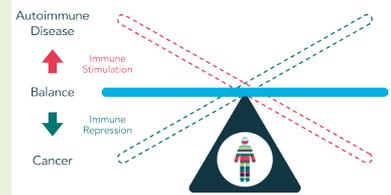
Immunotherapies, such as checkpoint inhibitors, offer the potential to cure cancer. However, biomarker strategies currently applied are mostly unable to tackle two important challenges: can the responsiveness to these treatments and/or the appearance of immune-related adverse events (irAEs) be predicted? Given the links between immunotherapy and autoimmune disease, it will be intriguing to apply our approach to immuno-oncology. Together with the NCT in Heidelberg and the NCI in Bethesda we are doing just that. Watch this space!

Conferences and Meetings



As always, we started the new year by attending the **JP Morgan Conference** in San Francisco, introducing our new strategy to investors, pharma/biotech and analysts with great success. We also attended the **Lupus conference** in Melbourne, Australia, presenting our SLE data in a talk and a poster. In the upcoming quarter we will attend and present at the **German Biotech Days** conference in Hanover, **CIMT Symposium** in Mainz, **Immuno-Oncology World Congress** in Philadelphia and **EULAR** in Madrid, and look forward to meeting you there.

News Coverage Summary



Our press releases regarding the successful collaboration with Novartis in an autoimmune disease and our expansion into immuno-oncology based on the announcement of our NCT and NCI collaborations have given us an unprecedented level of attention. We received broad media coverage, wrote a **whitepaper** on immuno-oncology, and had articles, editorials and interviews published in various journals such as **Clinical Omics**, **European Biopharmaceutical Review**, and **CLP** (on **NavigAID** and **NCI**) with more to come in the upcoming weeks.

Quartely Update

During the first quarter we implemented and followed the path outlined to you in our last newsletter. We successfully completed our ISO13485 and ISO9001 annual surveillance audit and made significant progress in our NavigAID Sjögren development.

Our immuno-oncology projects are in full flow, and initial results will be available in April. These efforts will be supported by our collaboration partners as well as a new high-profile, immuno-oncology consultant. Our increased focus on the US is also driven

by the addition of Dr. Jorge Leon, a seasoned industry expert, to our team. Jorge will utilize his extensive network to support in particular our business development activities in the US, in the autoimmune area, as well as in immuno-oncology.

News

Protagen AG joins forces with the U.S. National Cancer Institute to answer pressing questions in immuno-oncology

Protagen AG has executed a Material Transfer Agreement with the National Cancer Institute (NCI) under which both parties will utilize Protagen's SeroTag® immune system profiling technology for biomarker identification.

[READ MORE](#)

The German NCT and PAG investigate responsiveness to Checkpoint Inhibitors in Melanoma

The German National Center for Tumor Diseases (NCT) Heidelberg and Protagen AG have announced a collaboration to utilize Protagen's SeroTag technology to advance clinical research in patients suffering from melanoma.

[READ MORE](#)

Finally – Fun Easter Egg Recipes

Looking to make this Easter memorable? **Here** you can find all the recipes you need to make this holiday season fun and entertaining for kids (and adults) of all ages. From bunnies made out of Rice Crispiers to delicious chocolate Easter cupcakes, there's no shortage of great ideas to keep your kids entertained and happy following Lent. Have fun and enjoy!

