#### Volume 17, Issue 1

# **Targeting Tools: Featured Products**

## Custom Conjugates: Made to Order

Proteins come in all shapes and sizes and don't always contain a ready-to-conjugate binding site. ATS scientists are conjugation experts when it comes to crosslinking peptides, antibodies, and other proteins. Whether you are in need of a Saporin conjugate, biotin labeling, fluorochrome labeling, ADC's, or other toxin conjugates, we can help you design a strategy that will result in purified material that retains full functionality post-conjugation.

If your protein or peptide binds to an extracellular domain on the cells you are studying, it is an ideal candidate for targeted delivery of a variety of payloads. To test binding and internalization prior to having a custom conjugation performed, we recommend that you try one of our ZAP kits with your antibody, protein, or peptide.

**Contact us today** for a quote or to discuss your project needs.

#### **Custom Saporin Conjugates**

Your targeting agent is conjugated to Saporin, a highly active and potent ribosome-inactivating protein.

#### **Custom Biotinylations**

With each conjugation, you will receive biotinylated targeting agent AND the Biotin-Z Internalization Kit.

#### **Custom Fluorescent Labeling**

Do you have an antibody you'd like to have labeled?

### Beta Products

In an effort to accelerate offering new targeted toxins to our customers, we launched the Beta Product program early in 2015. Publications and collaborations are an invaluable source of independent data to support the efficacy of our



products. To help streamline this process, we've created a catalog of new targeted toxins that we're offering to scientists for FREE!\* Although these Beta products, as conjugates, have not been characterized or reported in scientific literature, both the Saporin and targeting moiety have been tested for activity, binding, and sequence homology. This is an excellent opportunity to make a new discovery. A \$500 product credit is awarded to the first researcher with a publication using a Beta product as a simple 'thank you' that will hopefully aid in further research and important publications for the scientist. The list of FREE! Beta Products stands at 26 and counting; check them out.

\*(just pay S&H costs; they will be credited to your account when you share any data with us -- positive or negative!)

### Brand New Website

Molecular Surgery for Scientists

### TOOLS FOR SELECTIVELY ALTERING CELLS BASED ON CELL-SURFACE MARKERS.



PAYLOAD, HERE THE

CONJUGATE IS

AN ANTIBODY LINKED TO

A SMALL MOLECULE



SPECIFIC TO

THE ANTIBODY CAUSING

THE RECEPTOR TO INTERNALIZE



THE INTERNALIZED CONJUGATE IS DIGESTED BY ENZYMES RELEASING THE PAYLOAD INTO THE CYTOSOL THE PAYLOAD IS THEN FREE TO ALTER THE CBU

We are proud to announce the release of our newly redesigned website. It has been crafted to reflect content our customers access most often and to provide new visitors an easier way to learn about ATS's products and services. Immediately you will notice streamlined menus, simple navigation and access to the information you need, any time of day. The updated website is designed as a resource hub, a familiar e-commerce platform for ordering, as well as a destination for accessing the latest ATS product Promotions.

Three things you'll love about the new website right away:

- 1. **Homepage** at a glance, see current promotions, technology overview, and quick top menu dropdowns to get to where you want to go with one click.
- 2. **Search** powerful, yet simple, search feature, facilitating faster location of product information.
- 3. **NewsFeed** check out current promotions, upcoming meetings and newsletter info.

We will continually be expanding our online content to bring you updated and relevant protocols and experimental tools, so we encourage you to bookmark it, check back often, and connect with us on LinkedIn and Twitter to receive notice when updates and new content are added.

