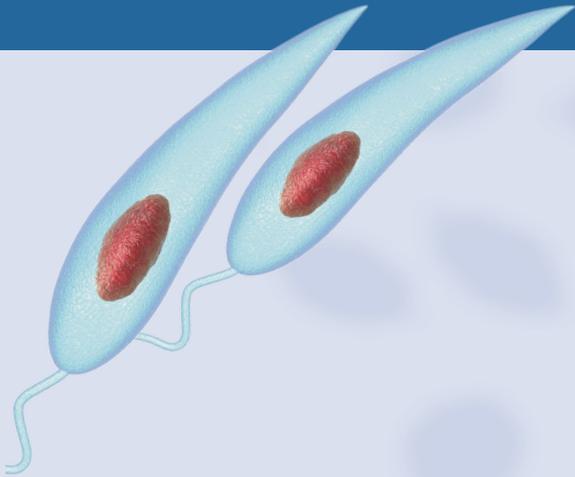


# LEXSY

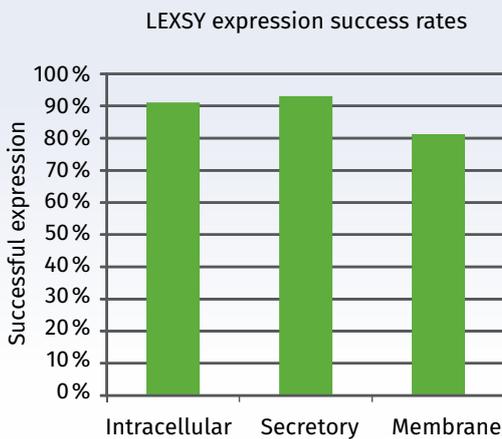
## Eukaryotic Protein Expression



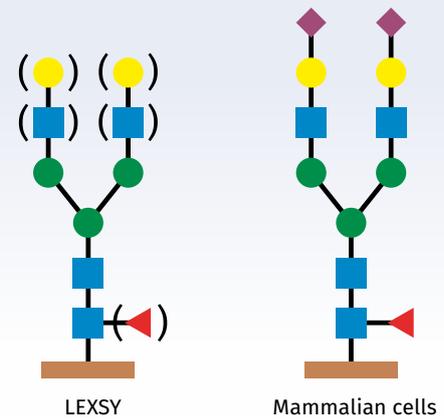
LEXSY is a eukaryotic protein expression system based on the S1-classified unicellular organism *Leishmania tarentolae*. It features...

- › Simple Handling
- › Eukaryotic Posttranslational modifications
- › High success rates for difficult proteins
- › An S1-classified expression host

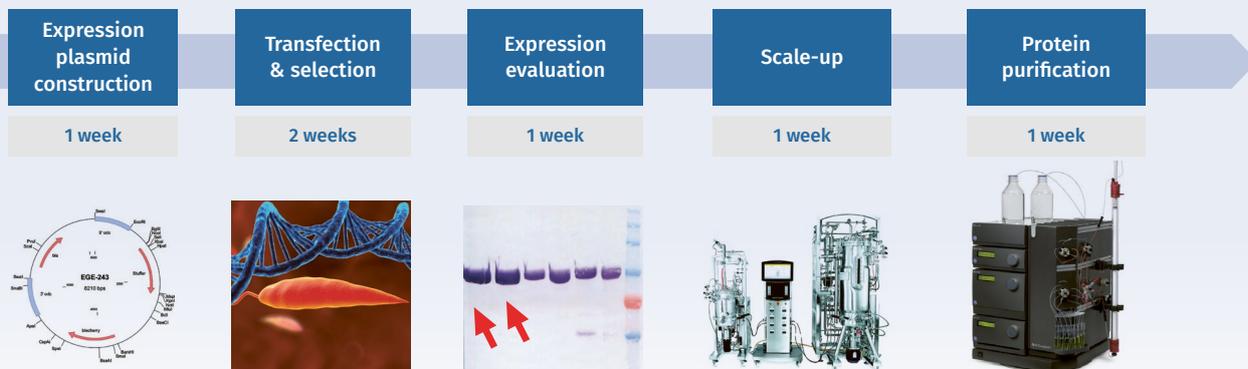
LEXSY achieves high success rates, even with difficult-to-express proteins



LEXSY performs mammalian-type glycosylation



LEXSY is fast: From initial cloning to purified protein in 6 weeks

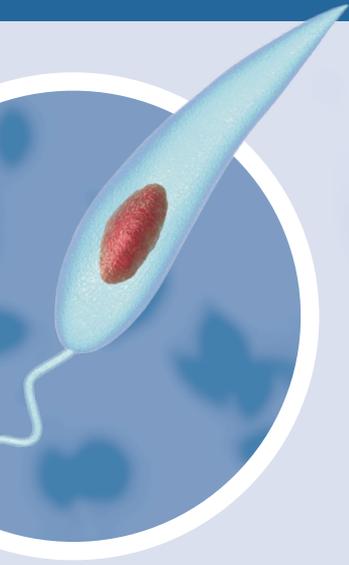


Available in Canada from...

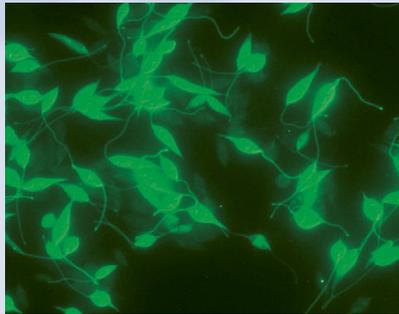
MJS  
**BioLynx**  
INC.

1-888-593-5969 • [www.biolynx.ca](http://www.biolynx.ca) • [tech@chromspec.com](mailto:tech@chromspec.com)





LEXSY performs a wide range of eukaryotic postranslational modifications, including:



Leishmania cells expressing enhanced GFP

- › N- and O-glycosylation
- › Disulfide bond formation
- › Localization / Secretion signal processing
- › Proteolytic processing
- › Phosphorylation
- › Lipidation
- › Acetylation

LEXSY starter kits supply you with everything you need for your first expression run

#### Expression vector

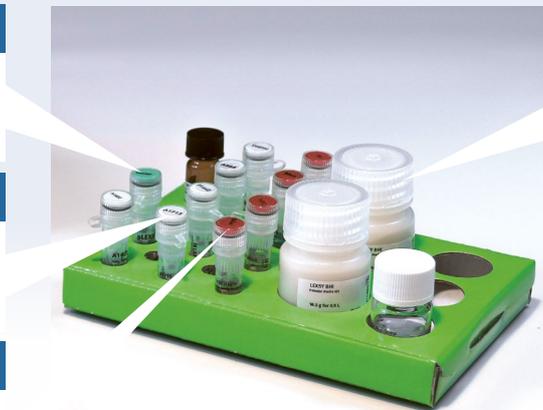
For intracellular or secretory expression, four markers available

#### LEXSY primers

Sequencing and diagnostic primer pairs

#### LEXSY antibiotic

For selection of recombinant strains



#### LEXSY medium

All components for 1 litre of growth medium

#### LEXSY host

Glycerol stocks



### Custom expression service:

Jena Bioscience offers expression of your protein using our proprietary expression system LEXSY.

### We offer:

- › High success rates
- › Speed and flexibility
- › Modular work plans - tailored to your needs
- › Attractive cost schemes

Available in Canada from...

MJS  
**BioLynx**  
INC.

1-888-593-5969 • [www.biolynx.ca](http://www.biolynx.ca) • [tech@chromspec.com](mailto:tech@chromspec.com)

