The tONCO™ program presents a comprehensive portfolio of translational rodent models and related services to further your research goals. Spontaneous mouse and rat tumor models with mutations relevant to human disease can be used for in vivo screening, allograft studies or in ex vivo applications. Access a panel of validated patient-derived xenograft models, develop new patient-derived xenograft models, or combine xenografts with humanized immune system mice to test immunomodulatory therapies. Advanced imaging technologies provide an additional dimension to various study types.

tONCO™ has all the tools you need:
- Spontaneous tumor models for breast and colon cancer
- Tumor tissues or cohorts of allografted animals available
- Patient-derived xenograft models
- Humanized immune system mice engrafted with tumors
- Xenogeneic, syngeneic, ectopic, orthotopic or metastatic in vivo models using over 400 cancer cell lines
- Imaging technologies including MRI, PET, CT, SPECT, and bioluminescent imaging
- Widest variety of immunodeficient mice available, including the super immunodeficient CIEA NOG mouse®

BRCA1-ASSOCIATED BREAST CANCER MODEL
 Combines mutations in Brca1 and Trp53 genes. Female mice of this strain show a high incidence of mammary tumors that mimic many aspects of human BRCA1 – mutated basal-like breast cancer.

Brca1 mice can provide results which correlate with clinical outcomes.

Contact Taconic today to learn how these tools can advance your research at tONCO@taconic.com. Learn more at www.taconic.com/onco