The NOG Portfolio
Extending the Limits of Human Cell and Tissue Engraftment

TACONIC
Models For Life.™

NOG Portfolio

- Immunology
- Autoimmune Disease
- Infectious Disease
- Regenerative Medicine
- Cell Therapy
- Immuno-Oncology

▶ PhD-level field applications scientists provide critical expertise to maximize your success

▶ Application data available through collaborations with industry and academia

▶ Sold under a simple label license for easy access for internal and contract research

A flexible platform, exclusive 2nd generation models with specific utility and multiple types of humanized models

CIEA NOG mouse®
A super immunodeficient mouse with unparalleled ability to engraft human cells and tissues, including human hematopoietic lineages. Applications in oncology, infectious disease, autoimmune disease and more.

NOG-EXL
Studies involving human myeloid cells, including immuno-oncology and allergy applications; host for acute myeloid leukemia (AML) PDX.

hIL-2 NOG
Research involving human T cells, including Graft vs. Host Disease, CAR-T cell efficacy studies, tumor infiltrating lymphocytes (TILs).

hIL-6 NOG
Studies involving human monocytes and macrophages, including tumor-associated macrophages (TAMs); host for multiple myeloma (MM) PDX.

hIL-15 NOG
Studies involving human NK cells, including immuno-oncology and Graft vs. Host Disease applications.
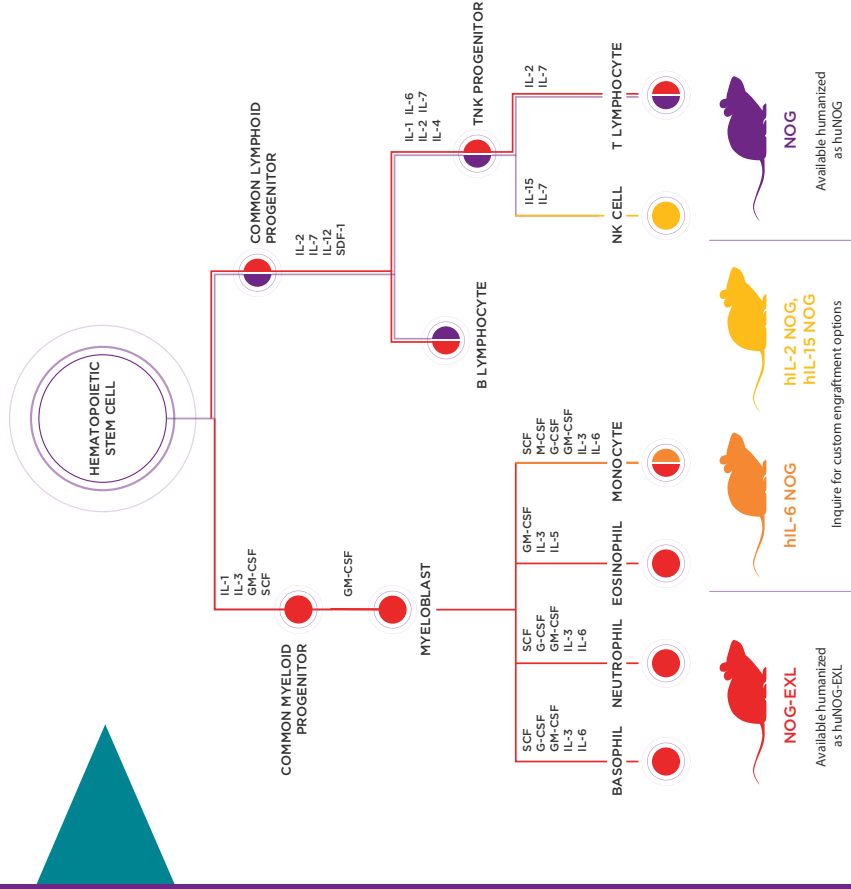
B2m-NOG
Prolonged study window following engraftment of human PBMCs for immuno-oncology and other efficacy studies.

Complex Experiments **Require Complex Models**
Let Us Help You Select the Right One

THE TACONIC DIFFERENCE —
LET US PARTNER WITH YOU

HEMATOPOIESIS AND HUMAN IMMUNE SYSTEM ENGRAFTED MICE

HEMATOPOIETIC STEM CELL

COMMON MYELOID PROGENITOR

IL-1
IL-3
GM-CSF
SCF

GM-CSF

MYELOBLAST

COMMON LYMPHOID PROGENITOR

IL-2
IL-7
IL-12
SDF-1

IL-1   IL-6
IL-2   IL-7
IL-4

TNK PROGENITOR

IL-2
IL-7

T LYMPHOCYTE

IL-15
IL-7

NK CELL

B LYMPHOCYTE

NOG

Available humanized
as huNOG

SCF
M-CSF
G-CSF
GM-CSF
IL-3
IL-6

MONOCYTE

GM-CSF
IL-3
IL-5

EOSINOPHIL

SCF
G-CSF
GM-CSF
IL-3
IL-6

NEUTROPHIL

SCF
G-CSF
GM-CSF
IL-3
IL-6

BASOPHIL

**hIL-2 NOG,
hIL-15 NOG**

Inquire for custom engraftment options

hIL-6 NOG

NOG-EXL

Available humanized
as huNOG-EXL

PBMC ENGRAFTMENT MODELS

NOG

Available humanized as
huPBMC-NOG

Inquire for custom
engraftment options

Study window:
4-6 weeks

CD4+
T cells

CD8+
T cells

B2m-NOG

Available humanized as
huPBMC-B2m-NOG

Inquire for custom
engraftment options

Extended
study window:
8+ weeks

CD4+
T cells

CD8+
T cells

T LYMPHOCYTE

PBMCs