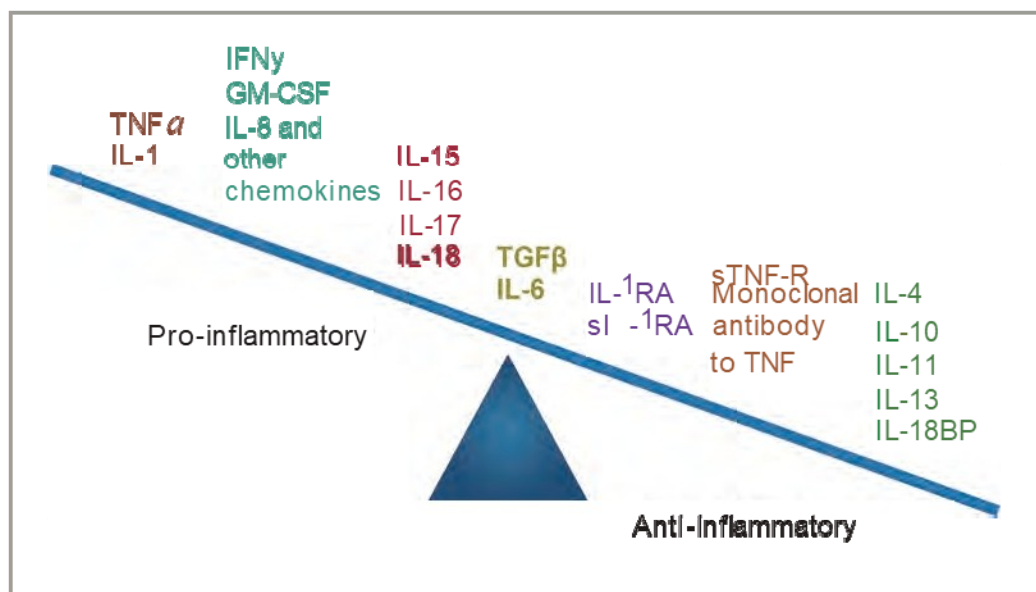


Cytokines / CD (cluster of differentiation)

600+ Cytokines

700+ CD

BAFF	BlyS	CCL 11	IFN IL1	CD2	LFA-2	CD3	CD3 r	CD4	CD6 / TP120
L12	IL13	IL15	IL17	CD11a / LFA-1		CD125	CD19	CD20	CD22
IL1R	IL2	IL21	IL23	CD25		CD30	CD48 / SLAMF2		CD52
IL4	IL5	TGF I3	TNF	IL4R / CD124		IL6R / CD126			



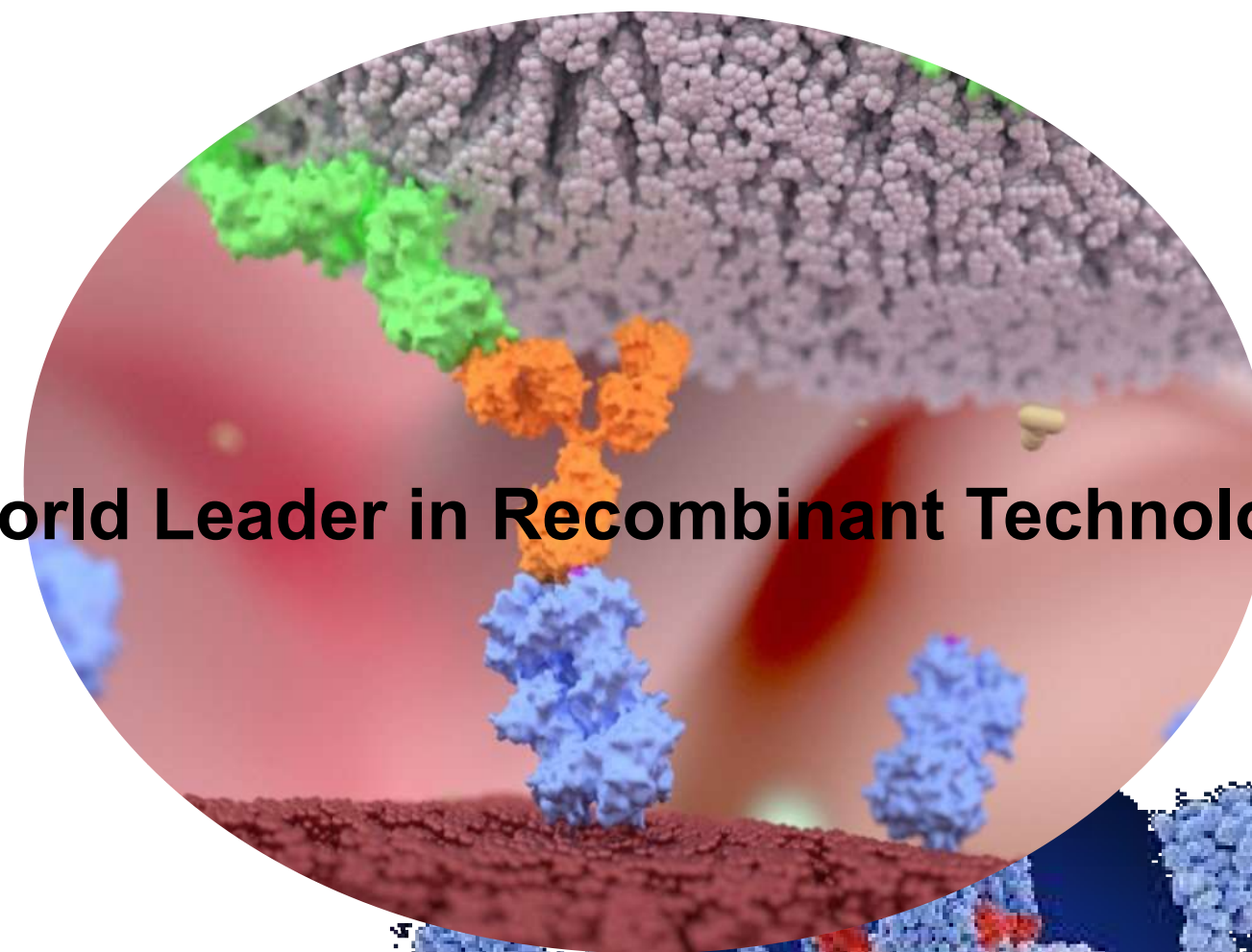
Cytokines Regulating The Inflammatory Response



KRISHGEN BioSystems
OUR REAGENTS, YOUR RESEARCH

DRUG TARGETS

5,000+ Proteins, Antibodies, Kits, & cDNAs
Support Drug Discovery & Development



World Leader in Recombinant Technology

- Validated proteins with binding studies, SDS, Purity etc.
- Lot to Lot consistency
- Economically priced
- Bulk packs available

Proteases

Metalloproteases
MMPs, ADAMs, Trypsins, uPA

Serine Proteases
tPA, Kallikreins, Caspases

Cysteine Proteases
Cathepsins

Epigenetic enzymes

Methylation
DNMTs, HMTs

Demethylation
LSD1

Deacetylation
HOACs

Phosphorylation

Viral Proteins

World's largest selection of virus research tools

Influenza

Over 800 reagents

Over 150 strains

HA, NA, NP, M1, NS1, NS2

H1N1-H16N9, H17N10, H18N11, Influenza B

HIV

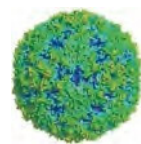
gp120, gp140, p41, p36, p24, protease, integrase, etc.

HCV

core, E1, E2, NS2, NS3



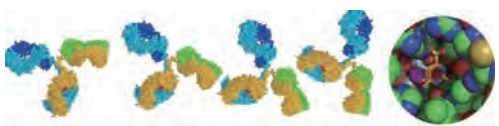
RSV



EV 71



HCoV



DRUG TARGETS

5,000+ Drug Target Reagents for Antibody & Small Molecule Drug Discovery & Development

- Cytokines
- CDs
- Kinases
- Proteases
- Influenza viral enzymes
- HCV viral enzymes
- HIV enzymes
- Epigenetics enzymes
- GPCRs
- Nuclear receptors
- Ion channels



Supporting Multiple Therapeutic Areas

- | | |
|-------------------------|-------------------------------|
| Oncology | Respiratory Disease |
| Autoimmune Disease | Neurological Disease |
| Inflammatory Disease | Endocrine & Metabolic Disease |
| Cardiovascular Disease | Osteoporosis |
| Cerebrovascular Disease | Injuries & Wound Repairs |
| Infective Disease | Transplant Rejections |
| Digestive Disease | |

Supporting 8,000 Customers Worldwide for Their



Kinases

Protein kinases have now become the second most important group of drug targets (after G-protein-coupled receptors, GPCRs) for treating cancer, autoimmune diseases, inflammatory diseases, etc.

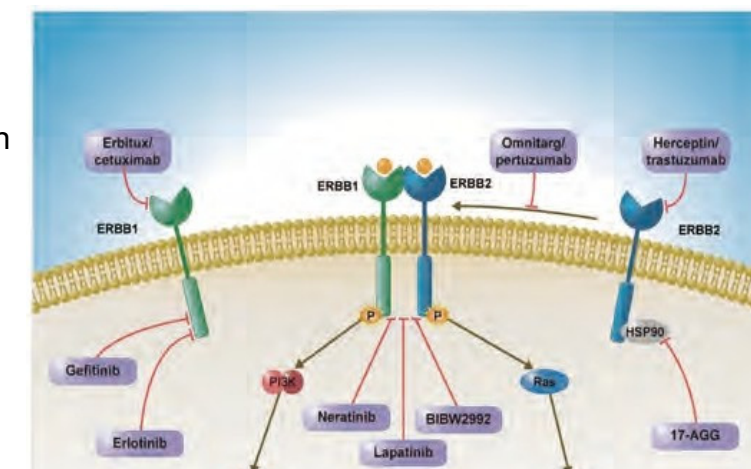
TYROSINE KINASES

- ErbB - lung & breast
- FGFR - cancers tumor angiogenesis
- PDGFR - tumor angiogenesis
- VEGFR - tumor angiogenesis
- Abl - chronic myeloid leukaemia
- c-Met - cell proliferation & tumor invasion
- Src - family cell proliferation & tumor invasion

Serine/threonine kinases

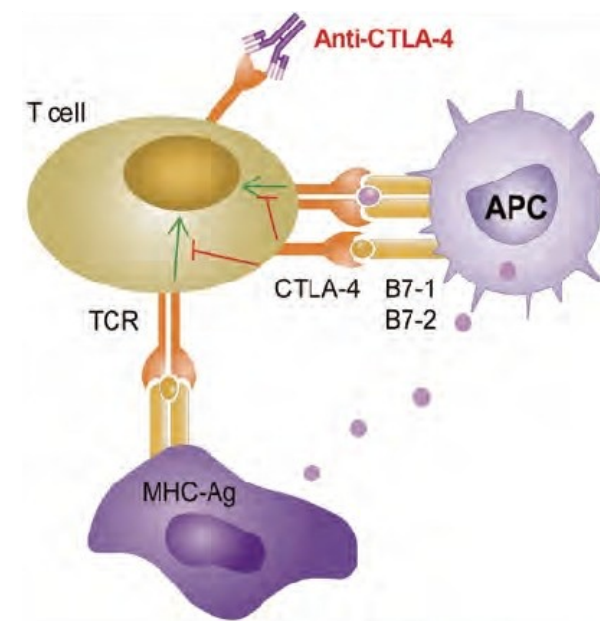
- CDK regulating the cell cycle and transcription
- CHK advanced solid tumors
- MAPK cancer, inflammatory diseases
- PLK cancer

Cancer drugs targeting ErbB family

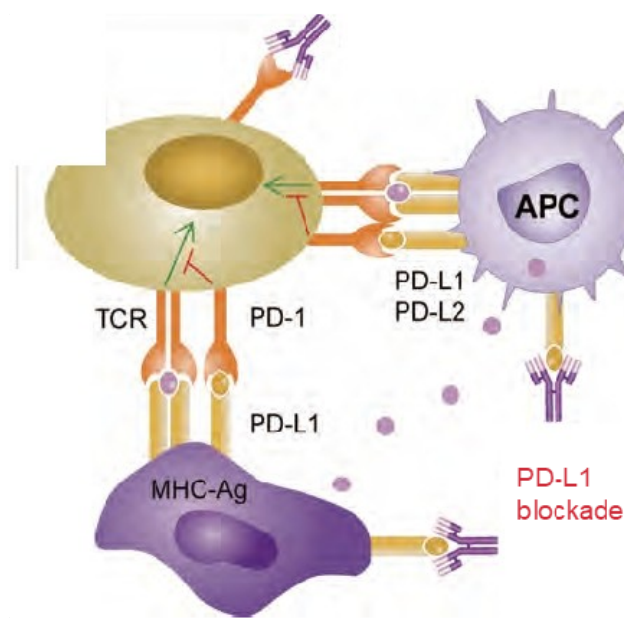


87 | CD28 Targeting Cancer Cell Immune Evasion

B7/CD28 family co-stimulatory signals have either stimulatory or inhibitory effects on T cells. These molecules can be targeted to modulate the immune system to treat cancer, autoimmune diseases, and chronic viral infection.



Anti-CTLA-4 therapy



Blockade of PD-L1/PD-1 pathway