

Gator Bio – Next-gen BLI for High Throughput Analytics

Kinetics of intermolecular binding

k_{on} , k_{off} , K_D , epitope binning

Quantitation of macromolecules and large complexes

proteins, antibodies, viruses, LNPs



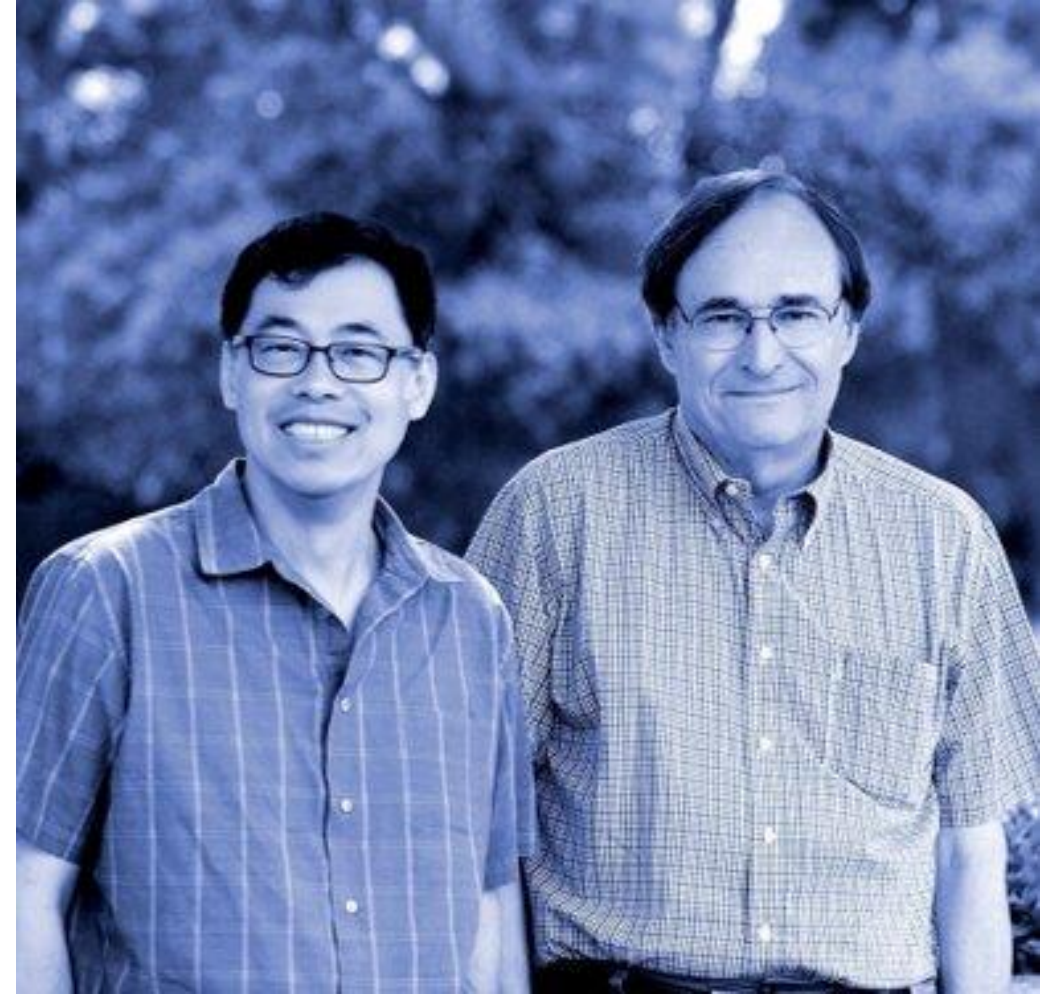
Erik S. Levy, M.S., M.S.
elevy@gatorbio.com

April 18, 2023



About Gator Bio

- Founded in 2018 by **Hong Tan** and **Robert Zuk**.
 - inventors of **Bio-Layer Interferometry** (BLI)
 - founders of ForteBio (2001)
- Headquartered in Palo Alto, CA.
 - ~100 employees
 - >200 instrument placements
- Rapid Innovation
 - Gator Prime: 2019
 - Gator Plus: 2021
 - Gator Pro: 2023
 - New Probes continually (SAXT 2023)
- **Mission:**
Empower researchers by creating a more **powerful, productive, and cost-effective** BLI system.

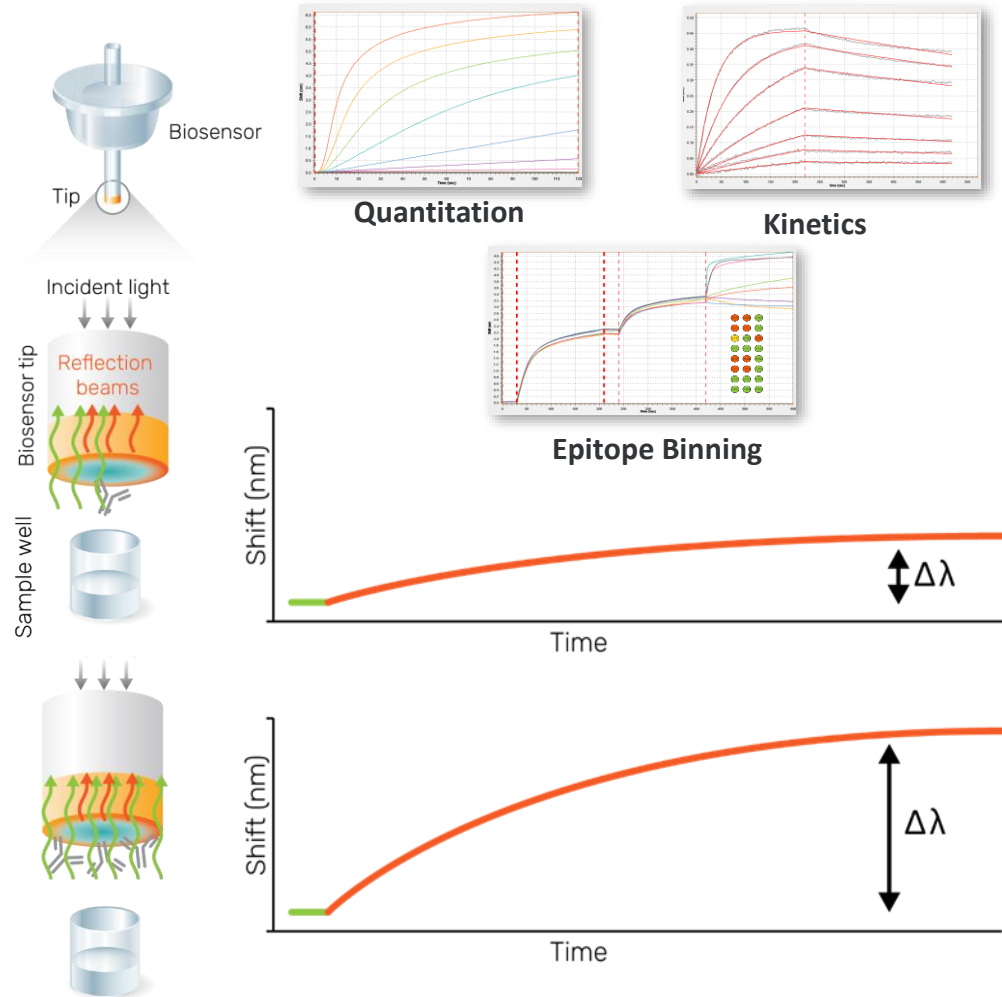


Hong Tan, CEO

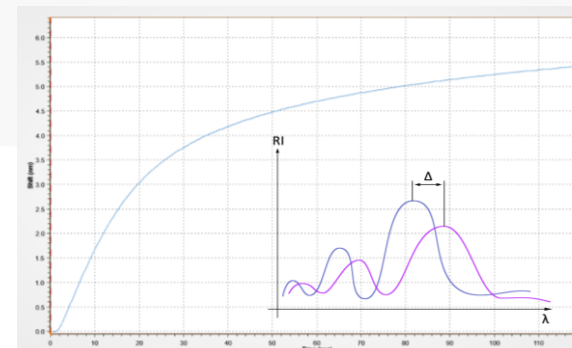
Robert Zuk, CTO



What is Biolayer Interferometry (BLI)?

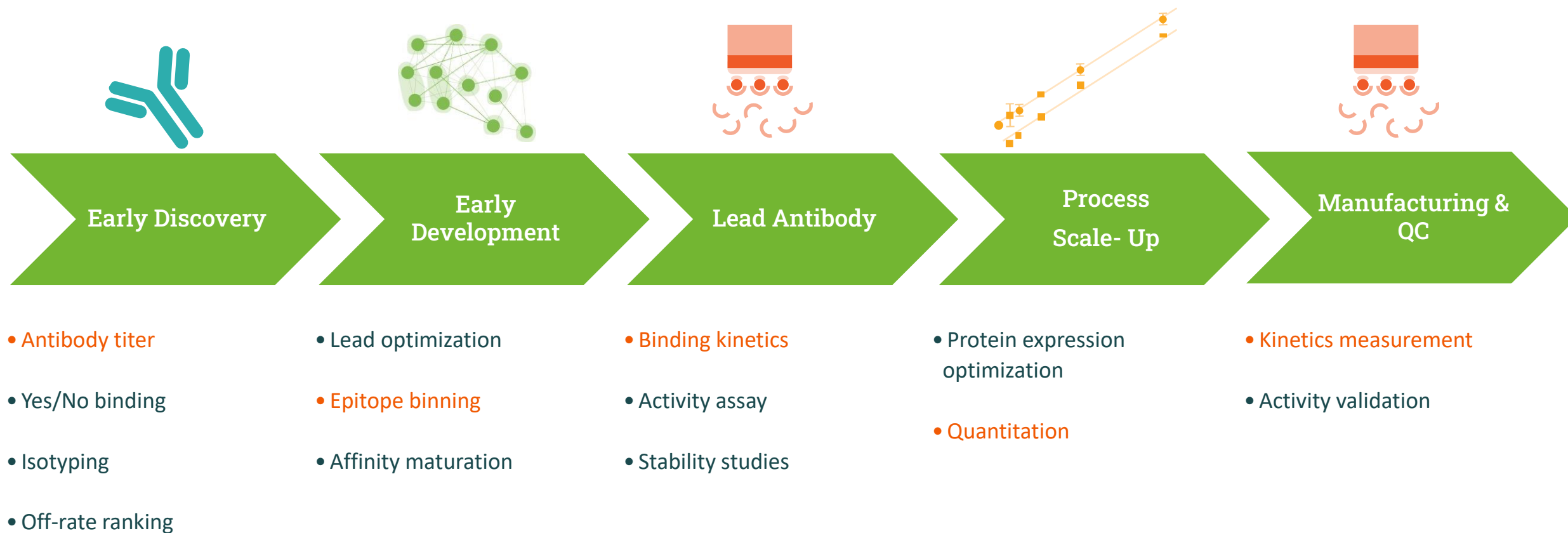


- ✓ Proprietary surface chemistry
- ✓ Interaction layer results in interference pattern
- ✓ Real-time monitoring change of interference pattern
- ✓ Signal proportional to number and size of biomolecule
- ✓ Move from well to well on microplates



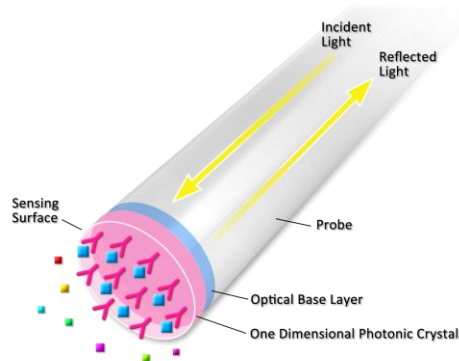
Gator: Biotherapeutics Discovery Tool

Supports every stage of biotherapeutics development





Why Gator Bio BLI?



- ✓ Fast—minutes for antibody quantitation in 96 well
- ✓ High Throughput—8 or 32 reads simultaneously, up to 1152 samples walkaway
- ✓ Automation friendly
- ✓ Ease of Use—minimal manual steps, no fluidics
- ✓ Cost effective
- ✓ Precise and Accurate

