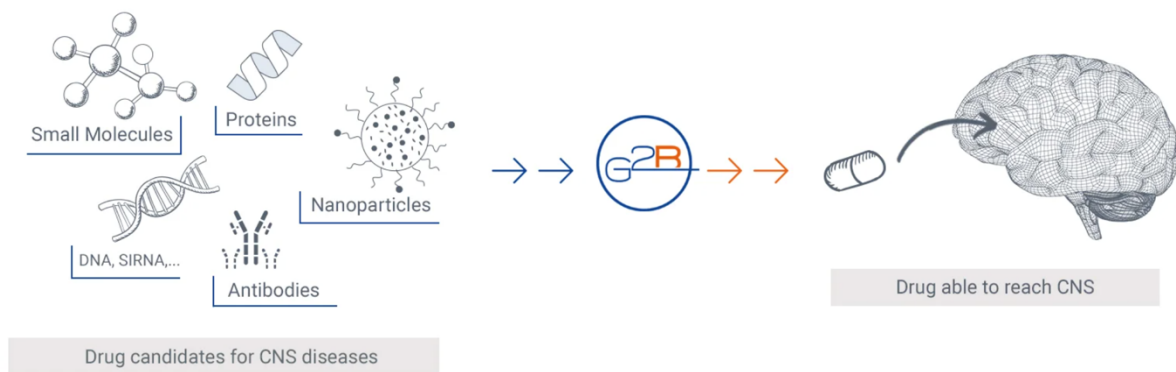




## Gate2Brain, a Technology Keybox of BBB-Shuttle Peptides

G2B therapeutic-peptide shuttle conjugates are new chemical entities, permeable, non-antigenic, stable, receptor-specific, soluble, non-invasive, and cost-effective products that can cross biological barriers (such as the blood-brain barrier).



## Unique properties conferred by Gate2Brain technology

**Ability to penetrate barriers.** Our peptides cross biological barriers, such as the blood-brain barrier, to bring therapeutic cargoes to their targets.

**Non-antigenicity.** Our proprietary peptides are not immunogenic, minimizing the likelihood of immune reactions against G2B therapeutic-peptide shuttle conjugates.

**Protease resistance.** Our proprietary peptides bear chemical modifications that increase their half-life up to days, maximizing the area-under-the-curve of G2B therapeutic-peptide shuttle conjugates at their biological targets.

**Receptor specificity.** Our proprietary peptides cross biological barriers through receptor-mediated transcytosis.

**Water solubility.** Our proprietary peptides improve the solubility of practically insoluble small molecule cargoes, making them suitable for human administration.

**Non-invasiveness.** Our technology allows the administration of therapeutic cargoes by conventional administration routes.

**Cost-effectiveness.** Our therapeutic-peptide shuttle conjugates can be produced using low cost and easily scalable processes.