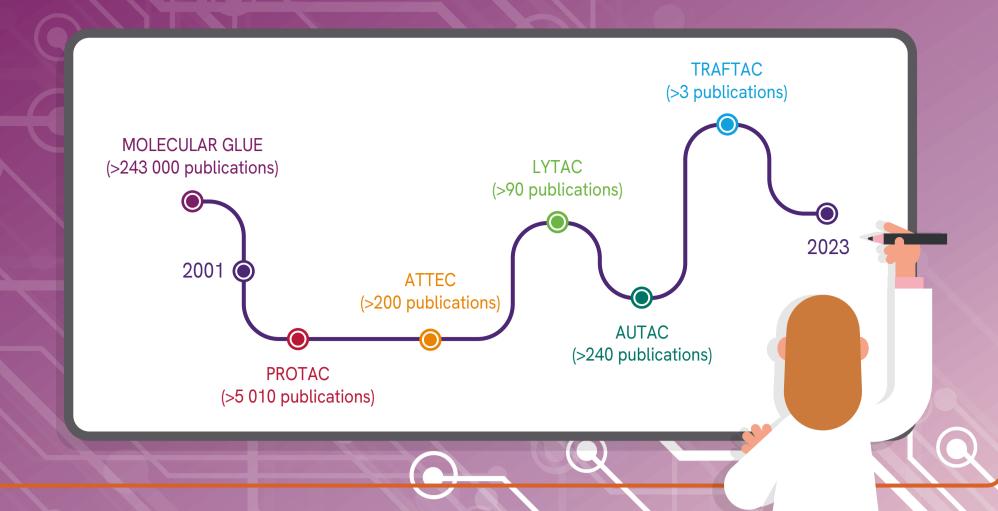
Targeted **protein degradation** (TDP), the next disruption in drug discovery?



TDP technologies have been redefining the game for the past 20 years...



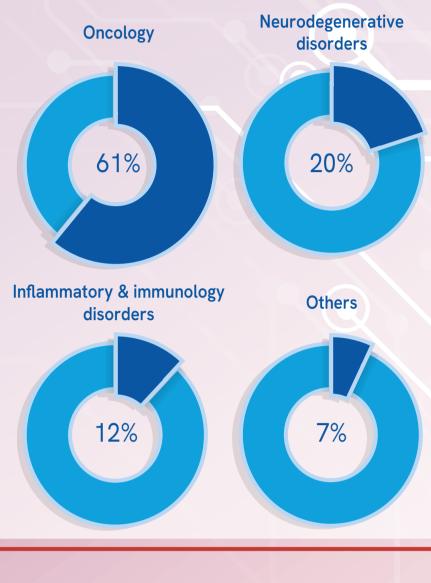
How do they work?

**Ubiquitin proteasome system** 

... they could cover a wide range of therapeutic areas...

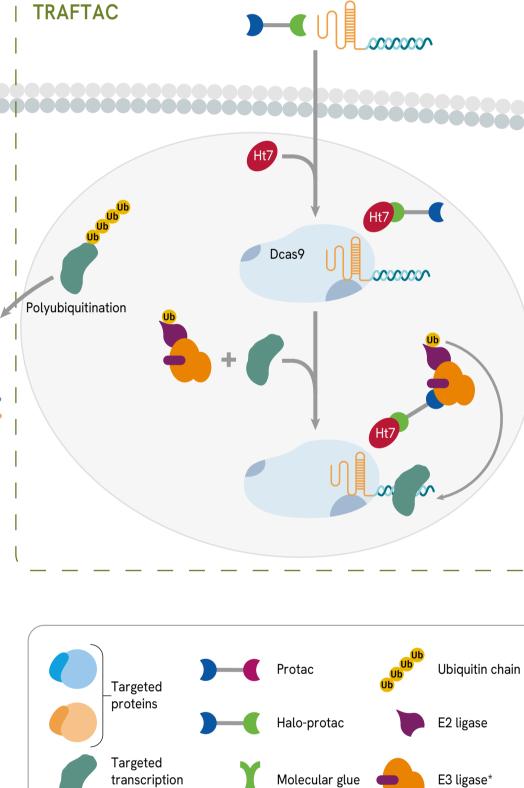
new challenges.

... and solve



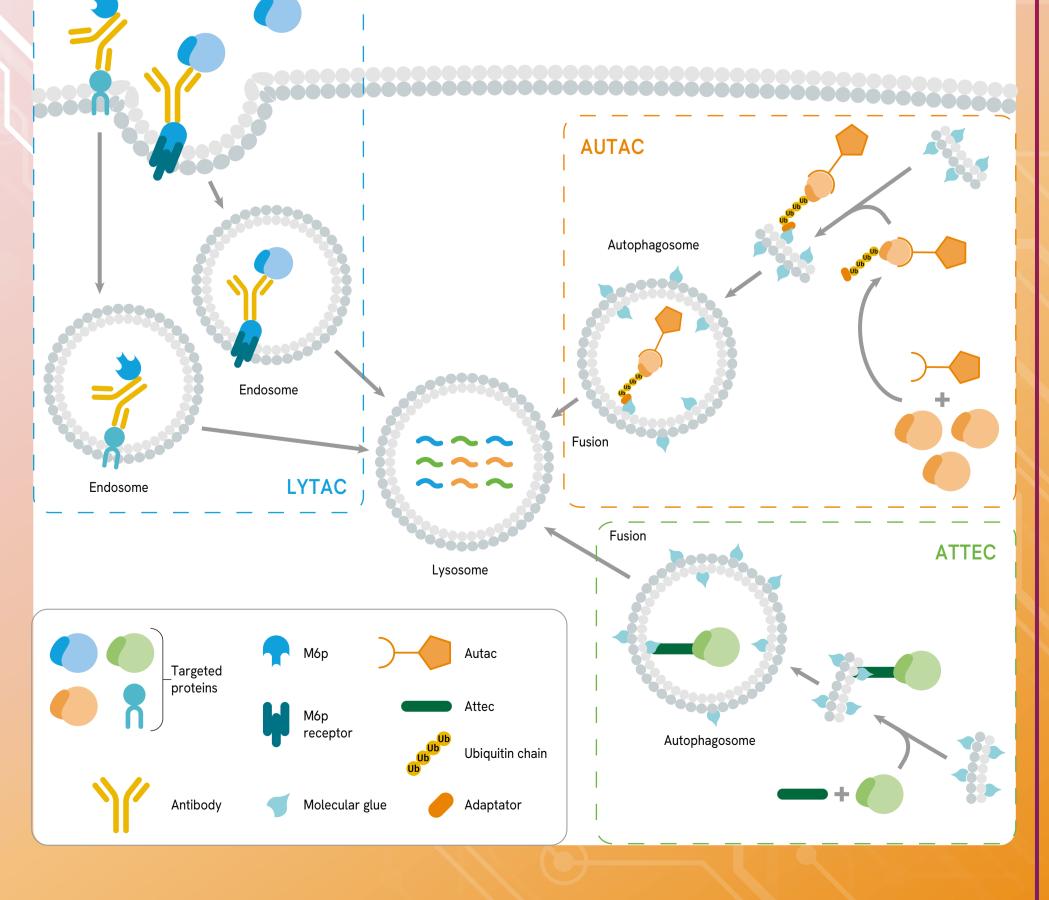


## Polyubiquitination Proteasome MOLECULAR GLUE Polyubiquitination (a) Proteasome Proteasome Proteasome



factor

\*e3 ligase types: cereblon, vhl, mdm2, ciap1, xiap...



Autophagy lysosomal system

- References

   Yu ding, yiyan fei, boxun lu. Emerging new concepts of dégrader technologies. 2020.04.005

   Mikihiko naito, nobumichi ohoka, norihito shibata and yoshinori tsukumo. Targeted protein degradation by chimeric small molecules, protacs and snipers. Frontiers in chemistry.
  - 2019.00849

    Momar toure, craig crews. Small-molecule protacs: new approaches to protein degradation. 201507978

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