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## Development of chemical tools for imaging RNA and studying RNA and protein interactions

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## Propositions

1. RNA research is changing our life significantly, especially for defeating Covid-19.
2. Leave the bad results in the lab, do not bring it home.
3. Successfully synthesizing a chromophore is only a half way to making a useful probe.
4. In vitro experiment result is only a reference, it can be very different in vivo.
5. Many biological problems could be solved through chemical strategies.
6. Transformation from an organic chemist to a bio-chemist is a painful process.
7. Be very careful when choosing reaction buffer, make sure that every component does not react with the reactants.
8. AMT based crosslinker could be a powerful tool to capture RNA/protein, RNA/RNA, RNA/DNA and DNA/DNA interactions, length tunable linker makes it more versatile.