

## The Yu lab celebrated their 10<sup>th</sup> Christmas at Scripps!

### Accomplishments over the past 10 years:

1. Realized enantioselective C–H activation via asymmetric metalation of C–H bonds
2. Realized remote C–H activation via metalation of C–H bonds.
3. Discovered many new C–H activation reactions.
4. 8 Students completed Ph.D studies, 50 postdoctors completed their studies, and a total of 113 chemists have been trained in the Yu laboratory.
5. 191 Publications on C–H activation.
6. Broad impact:
  - H-index increased rapidly from **35** (2007) to **84** (2017). Annual citation increased from **181** (2007) to **4260** (2015).
  - Our C–H activation reactions have been applied to drug discovery through collaborations with Pfizer, BMS, Vertex, Eisai, Aldrich, Abide, and Vividion. Many other Pharmaceutical companies including Novartis, Abbvie, Genentech, and Amgen have also explored our reactions in medicinal chemistry independently.
  - 8 Synthetic groups have used our C–H activation reactions in total synthesis.

