

# 3D GENOME ORGANIZATION AND RNA BIOLOGY IN CANCER

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## Lab RNA focus:

1. We are interested in the interplay between DNA-DNA, DNA-RNA, and RNA-RNA chromatin interactions in cancers, particularly leukemias, nasopharyngeal cancer and liver cancer
2. We perform artificial intelligence to predict RNA exon usage
3. We do direct nanopore sequencing of RNA (RNA modifications, long reads...)

**Collaborations:** We are interested in RNA therapeutics for cancer