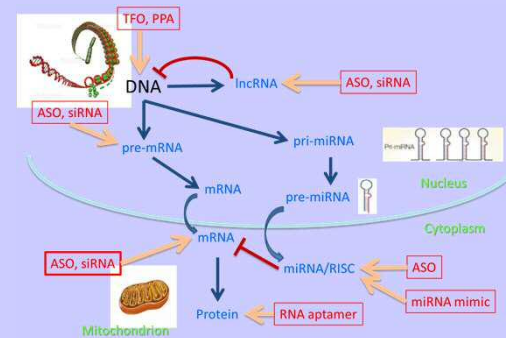


Therapeutics and Technologies Targeting Genome Downstream

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Research Area

1. Gene Targeting Therapeutics
2. Molecular Targeting Therapeutics
3. Diagnostic Technology of Next Generation
4. Fundamental Technology for Cell Therapy



Recent Activities

- Elimination of Off-target Effect by Chemical Modification of 5' -End of siRNA. Yasuo Shiohama, Yojiro Kotake, Marija Krstic-Demonacos, Constantinos Demonacos, Gengo Kashiwazaki, Takashi Kitayama and Masayuki Fujii, *Nucleic Acid Therapeutics*, 2022, 32(5):438-447.
- Telomerase Inhibition, Telomere Attrition and Proliferation Arrest of Cancer Cells Induced by Phosphorothioate ASO-NLS Conjugates Targeting hTERC and siRNAs Targeting hTERT. Irmina Diala, Yasuo Shiohama, Takashi Fujita, Yojiro Kotake, Constantinos Demonacos, Marija Krstic-Demonacos, Gianpiero Di Leva, Masayuki Fujii. *Nucleosides, Nucleotides and Nucleic Acids*, 2020, 39, 1-3, 407-425.