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本实验室2004-2006年所取得的代表性成果（代表性论文）

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序号	成果名称	发表、出版、时间	作 者
1	Rational design of an EGF-IL18 fusion protein: Implication for developing tumor therapeutics	Biochemical and Biophysical Research Communications 2005,334:157-161. (IF3.0)	吕建新(第一作者)
2	Mutations in MTO2 Related to tRNA Modification Impair Mitochondrial Gene Expression and Protein Synthesis in the Presence of a Paromomycin Resistance Mutation in Mitochondrial 15S rRNA	Journal of Biological Chemistry 2005,280:29151--29157 (IF5.854)	管敏鑫(通讯作者)
3	Mutational analysis of the mitochondrial 12S rRNA gene in Chinese pediatric subjects with aminoglycoside induced and non-syndromic hearing loss	Human Genetics 2005,117:9-15 (IF4.331）	管敏鑫(通讯作者)
4	Molecular evolution and multilocus sequence typing of 145 strains of SARS-CoV	FEBS Letters 2005,579:4928-4936 (IF3.372)	包其郁(通讯作者)
5	Thioredoxin reductase system mediates iron binding in IscA and iron delivery for the iron-sulfur cluster assembly in IscU.	Journal of Biological Chemistry 2005,280:30432–30437 （IF5.584）	吕建新(第三作者)
6	Aminoglycoside-induced and non-syndromic hearing loss is associated with the G7444A mutation in the mitochondrial COI/tRNASer(UCN) genes in two Chinese families.	Biochem Biophys Res Commun. 2006; 342(3):843-50. (IF3.0)	吕建新(通讯作者)
7	Maternally transmitted diabetes mellitus associated with the mitochondrial tRNA Leu(UUR) A 3243G mutation in a four-generation Han Chinese family	Biochem Biophys Res Commun. 2006,348:115-119(IF2.855)	吕建新(第一作者
8	Maternally inherited nonsyndromic hearing loss is associated with the T 7511C mutationin the mitochondrial tRNA Ser(UCN) genein a Japanese family.	Biochem Biophys Res Commun.2006,328:32-37 (IF2.855)	管敏鑫(通讯作者)
9	Mutation in TRMU Related to Transfer RNA Modification modulated the Phenotypic Expression of Deafness-Associated Mitochondrial 12S Ribosomal RNA Mutations.	Am J Hum Genet,2006,79 (IF12.629)	管敏鑫(通讯作者)
10	Only male matrilineal relatives with Leber_s hereditary optic neuropathy in a large Chinese family carrying the mitochondrial DNA G11778A mutation.	Biochem Biophys Res Commun.2006，328 ： 1139-1145. (IF2.855)	管敏鑫(通讯作者)
11	The Novel A4435G mtation in the mitochondrial tRNAMet may modulate the phenotypic expression of the LHON-associated ND4	Invest Ophth Vis Sci 2006,47:475-483	管敏鑫(通讯作者)

	G11778A mutation	(IF3.766)	
12	The mitochondrial tRNA Thr A15951G mutation may influence the phenotypic expression of the LHON- associated ND4 G11778A mutation in a Chinese family	Gene 2006,376:79-86 (IF2.721)	管敏鑫(通讯作者)
13	Clinical evaluation and mitochondrial DNA sequence analysis in three Chinese families with Leber's hereditary optic neuropathy.	Biochem Biophys Res Commun, 2006, 332： 614-621.(IF2.855)	管敏鑫(通讯作者)
14	Genome-wide analysis of restriction-modification system in unicellular and filamentous cyanobacteria	Physiological Genomics 2006,24:181-190 (IF3.789)	包其郁(通讯作者)
15	Leber's hereditary optic neuropathy is associated with the mitochondrial ND6 T14484C mutation in three Chinese families	Biochem Biophys Res Commun, 2006, 347： 221-225 (IF2.855)	管敏鑫(通讯作者)