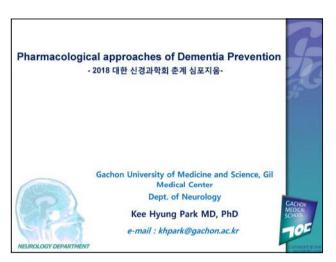
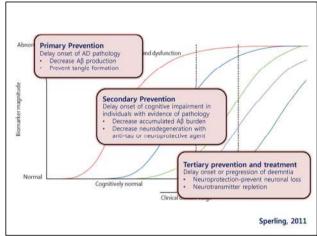
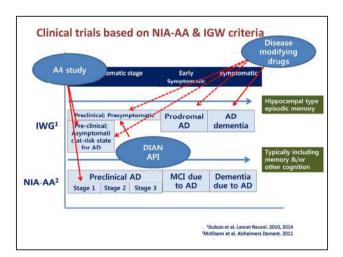
Pharmacological approaches for dementia prevention



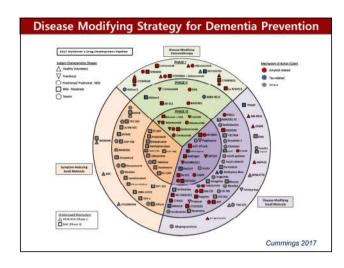
박 기 형 가천의대길병원

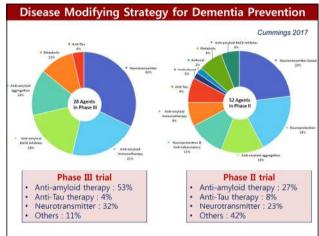


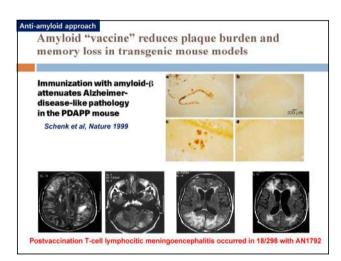


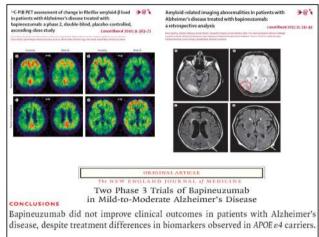


Study title or NCT number	MCI study	InDDEx	00236431/ 00236574	Donepezil401 MCI study	00293176
Compound	Donepezil (and vitamin E)	Rivastigmine	Galantamine	Donepezil	Donepezil
Target population	Mild cognitive impairment	Mild cognitive impairment	Mild cognitive impairment	Mild cognitive impairment	Mild cognitive impairment
Phase	ш	ш	m	IIIb/IV	īv
Duration	3 years	Up to 4 years	2 years	24 weeks	48 weeks
N number	769	1018	990+1,058	270	821
Clinical inclusion criteria	MMSE 24-30. CDR=0.5 do not Meet criteria for dementia due to AD	CDR=0.5; NYU Paragraph recall test<9, not AD	CDR=0.5	MMSE ≥ 24, CDR=0.5, no AD	MMSE 24-28 CDR=0.5
Biomarker Inclusion criteria		#	*		2
Clinical primary endpoint	Time to development of probable/possible	Progression to AD	Conversion to Dementia (CDR ≥1)	NYU paragraph Recall test, ADCS- CGIC-MCI	ADAS-Cog13, CDR-SB



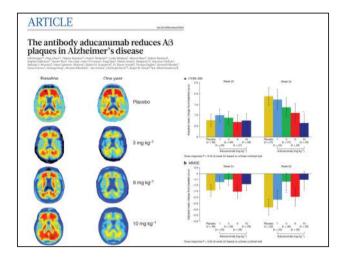


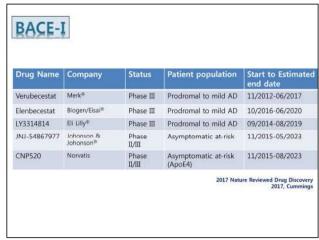


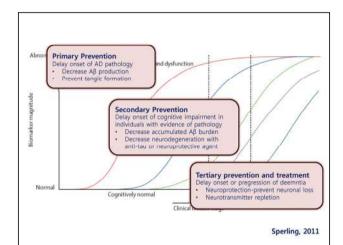


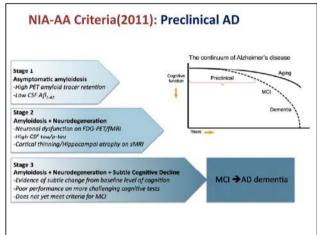


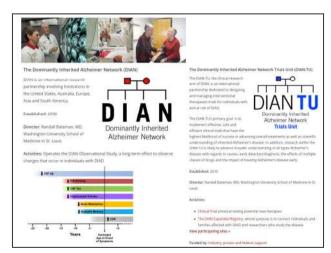
					Conforms	itions Recog	nized	
Antibody	Manufacturer	Origin	Subclass	Еркоре	Monomer	Olgomer	Fbri	ARIA-E
Bapineuzumab	Pfizer Inc./Janssen Pharmaceuticals, Inc.	Humanized	lgG1	AA 1-5	Yes	Yes	Yes	High
Solanezumab	Bi Lilly and Company	Humanized	lgG1	AA 16-26	Yes	No	No	Low
Santenerumab	Hoffman-La Roche	Human	lgG1	AA 3-12, 18-27	Weak	Yes	Yes	High (7
Penezumab	Generatech, Inc.	Humanized	igG4	AA 13-24	Yes	Yes	Yes	Low
Ponezumab	Pfizer Inc.	Humanized	lgG2	AA 30-40	Yes	No	No	None
BAN2401	BioArctic Neuroscience, AB/Eisai Co., Ltd.	Humanized	1gGt	Protofibrils	-	-	-	-
Aducanumab	Biogen, Inc.	Human	lgG1	AA 3-6	No	Yes	Yes	High













Alzheimer's Prevention Initiative (API) study

