	to aming apply is attached to	
-peptides -	1) carnosine: B-alanyl-L-histidine =	- Aspartame: L- asparty1-L-phe
	• dipeptide to contract +	artifical sweetner (200 times sweater
amino acids -> polypeptides	-it concentrated in brain and muscles	than sugar)
CAA) Solding	-protection against ROS and peroxides	-the carboxylic group of sec amino acid
Amide bond protein «		is methylide stability T
peptide bond	2) glutathione: 8-glutamyl-custion of glycine	- may cause cancer
(AA) di=2	+ 2C in glutamate	- D- amino acid is bitter.
$N \subset N \subset \left\{ \begin{array}{c} Tri = 3 \\ I \text{ oligo} = 20 + 30 \end{array} \right\}$	-very reactive due to sulfhudril aroup	
direction	acts as electron donor to centralize	- PKU (ahenul Kethowig) here ditari
	cadicals.	mait metabolice obe
antide mond: and ensertion of trained		
peptide conde condensation of chemical	- scavenges oxidering agents by reacting	pre rre
reaction (denyard ion)	with them.	phe hydroxy (ase
H O	glutethione + glutathione originations & suiside	4 4
$-NH_3 - O-C - = perfide band$		tyr phe pyruvic
$(-8H) + (-0) = H_2O$	3) Enkephalins: Two penta peptides	acid
	-naturally produced in response of pain or	normal abnormal
* Features:-	stress (pain reliever)	
i) has resonance structure.	-Sound in brain	-accumulation of phe pyruvate
2) has ziqzaq stracture (it forms	-The two peptides differ in C terminal	in CNS
semi douple bond)	amino acid	-you have to limit aspartame and
3) hy drogen bonding	met enkeddier	substitute by alitame which contains
4) strong, rigid, stable, flat SO it	Tyr, Gly, Gly, phe	alanine rather than phe.
doesn't rotate	leu enke phalins leu	
* proline is exception, doesn't make	- similar to morphine structure.	The End.
hudraen hard it can't be hudragen	4) or utacia and vacapressia.	
band damer.	cuclic structure due to S-S link between	# Al Bazi-Node:
	two out (disulfing hand)	
Prock have . N.C. C / side chain : & availa		
Charter Mic. Mc. Star Charter & group	- have amise alloup ar c renninus	اللهم حس و سلم على لللد ما حمد
Cirans configuration)	instead of car Doxyl group . Stability 1	وعلى أله وحميه الجعفين
* proline is exception, cis and trans	- nine residues	
have equivalent repulsion. I : cis.trans	$(0xy \rightarrow 1eu, 1le)$ (vaso \rightarrow phe, arg	* دعوانكم 🎔
	- has role in muscle }- has role in muscle contraction	
Exceptional peptides :-	contraction {, increase water retention & bp	
1) Carnosine 2) gluta thione	mandaling	
3) en Kephalin 4) oxytocin and vasospressiv	Sound in normality	