CONNECTIVE tissue is made of 3 thin 1) Specialized Cells , 2)	ings: ground substance and 3	protein fibers
The ground substance	and the protein fibers make t	he MATRIX
The protein fibers can be made of 1)	Collagen, 2) elastin	or 3) <u>reticular fibers</u> .
There are three types of connective ti	issues, and several categories under each:	
FIBROUS	CARTILAGINOUS	OTHER
1) Loose (areolar)	1) Hyaline	1) Bone
2) Dense	2) Elastic	2) Blood
3) Adipose (fat)	3) Fibrocartilage	3) Lymph
	of three separate polypeptide chains (alph smallest amino, so that the triple helix can be	
collagen fiber	fibril microfibril	Collagen fibers are bundled for strength.
One type of specialized cell is the FIBROBLAST, which makes collagen proteins and exports them (using exocy tosis) outside the cell, where they then	A S S S S S S S S S S S S S S S S S S S	DUNALE OF STREET

join together and make collagen fibers.

Fibroblasts also made the ground substance which is a mixture of water (90%) and glycoproteins (10%).

Fibroblasts live 2 to 3 months. They multiply rapidly after an injury. Scar tissue is a result of very active fibroblasts.

