

## Accessory components of the eye:

Eyelid: the structure of both the upper & lower eyelid is similar & consist of 4 layers:

- Skin: thin skin with thin epidermis, short dermal papillae, hair & sweat glands.
- Orbicularis oculi muscle: layer of skeletal muscle
- Tarsal plate: plate of dense C.T.
- Conjunctiva: stratified columnar cells

Within these layers are various types of glands:

- 1) Meibomian glands (tarsal glands): They produce a sebaceous substance which creates an oily layer on the surface of the tear film. This helps to prevent rapid evaporation of the normal tear layer.
- 2) Glands of Zeis: small sebaceous glands in association with hair follicle
- 3) Glands of Moll: sweat glands at the margin of the eye lid

