

ATHEROSCLEROTIC DISEASE - THE SIZE OF THE PROBLEM

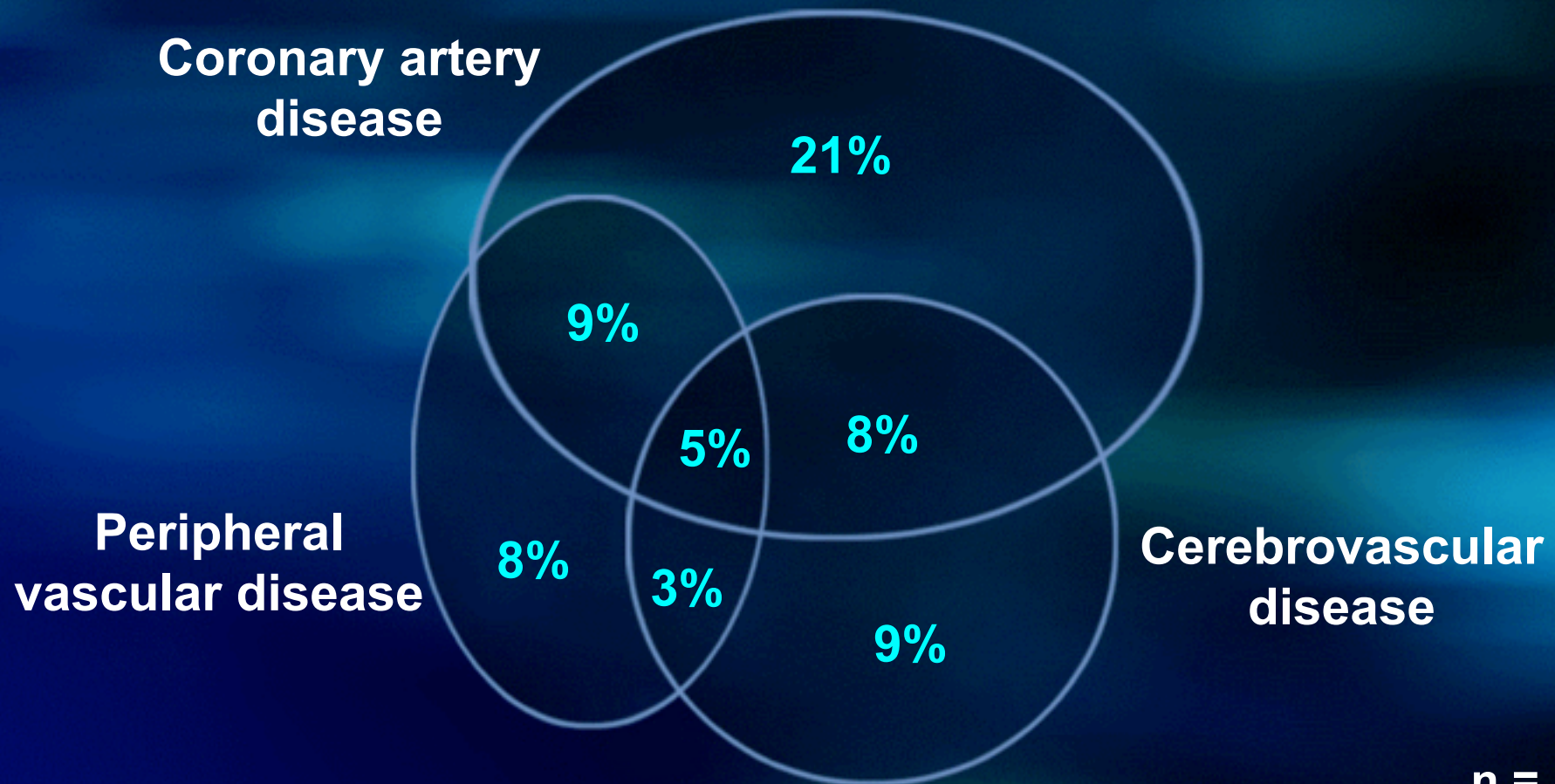
Vascular Event

Incidence and Prevalence

- **Stroke**
0.24% of the population per year suffer a stroke for the first time
25% of men and 20% of women over 45 years will have a stroke by the age of 85 years
- **Myocardial Infarction**
0.56% of the population experience an MI per year
2.4% of the population have suffered an MI
- **Peripheral Vascular Disease**
Symptomatic PVD increases with age:
 - 0.2% per year in men of 35-45 years
 - 7% of 50-75 year-olds

CO-EXISTENCE OF CORONARY, CEREBRAL, AND PERIPHERAL VASCULAR DISEASE

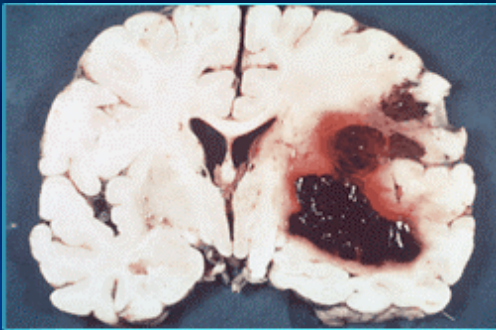
Prevalence of vascular disease in a population 62 years of age and over



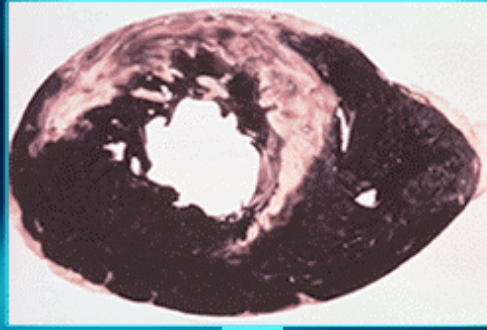
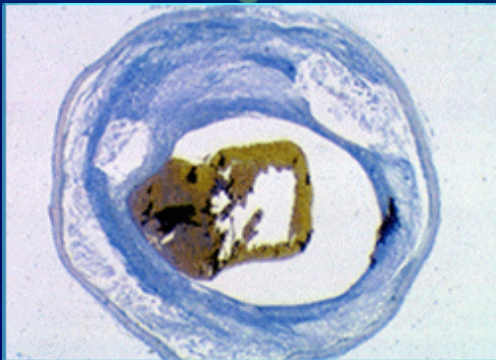
n = 1886

ATHEROSCLEROTIC DISEASE

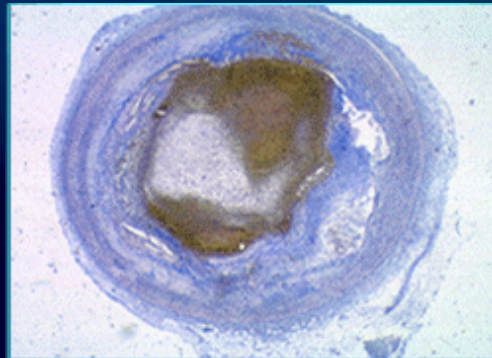
Multiple Clinical Outcomes - One Underlying Pathology



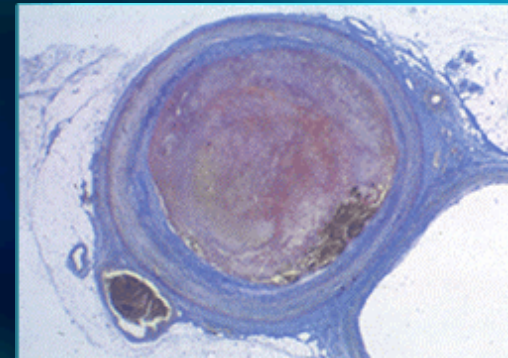
Cerebrovascular disease



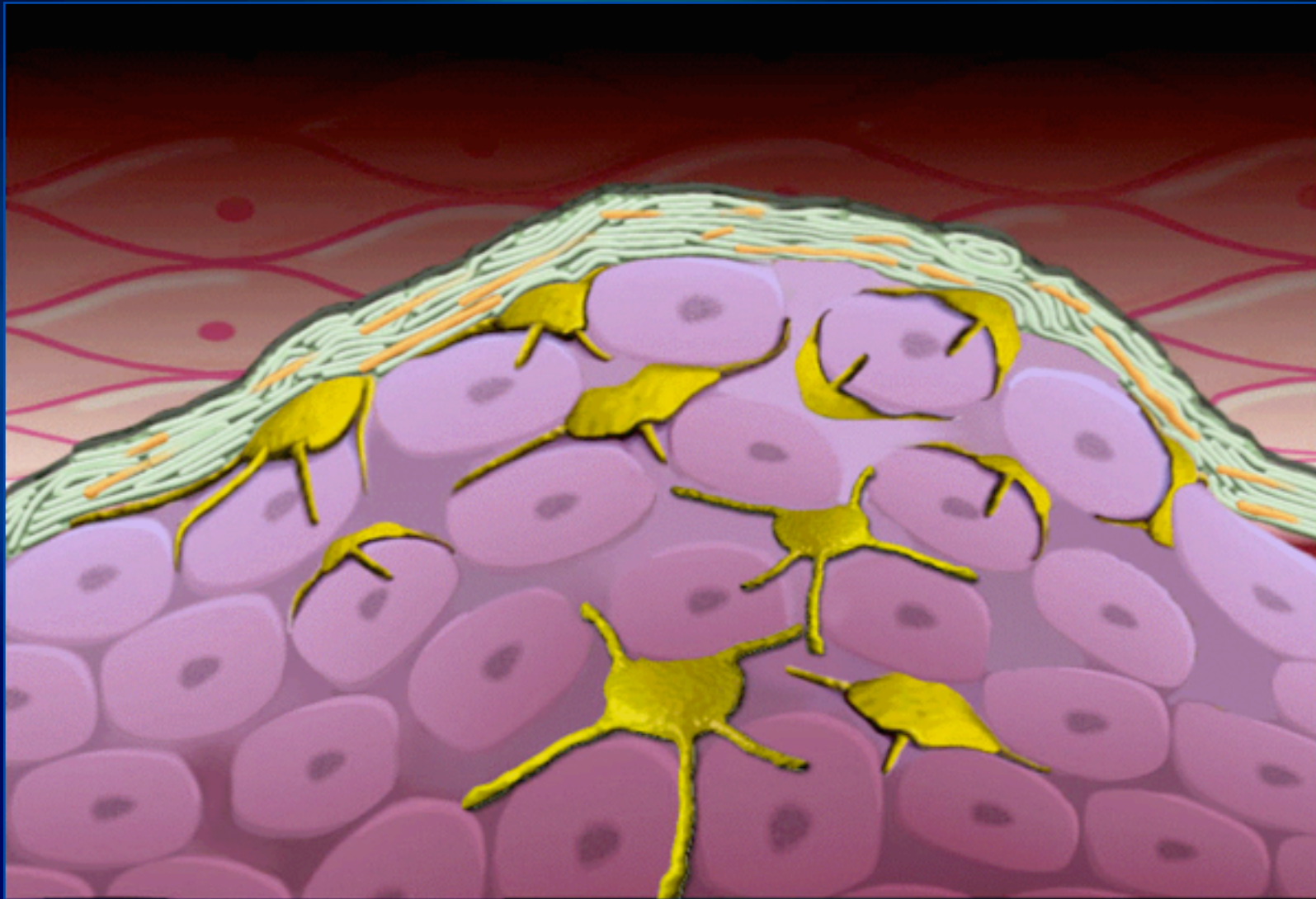
Coronary artery disease



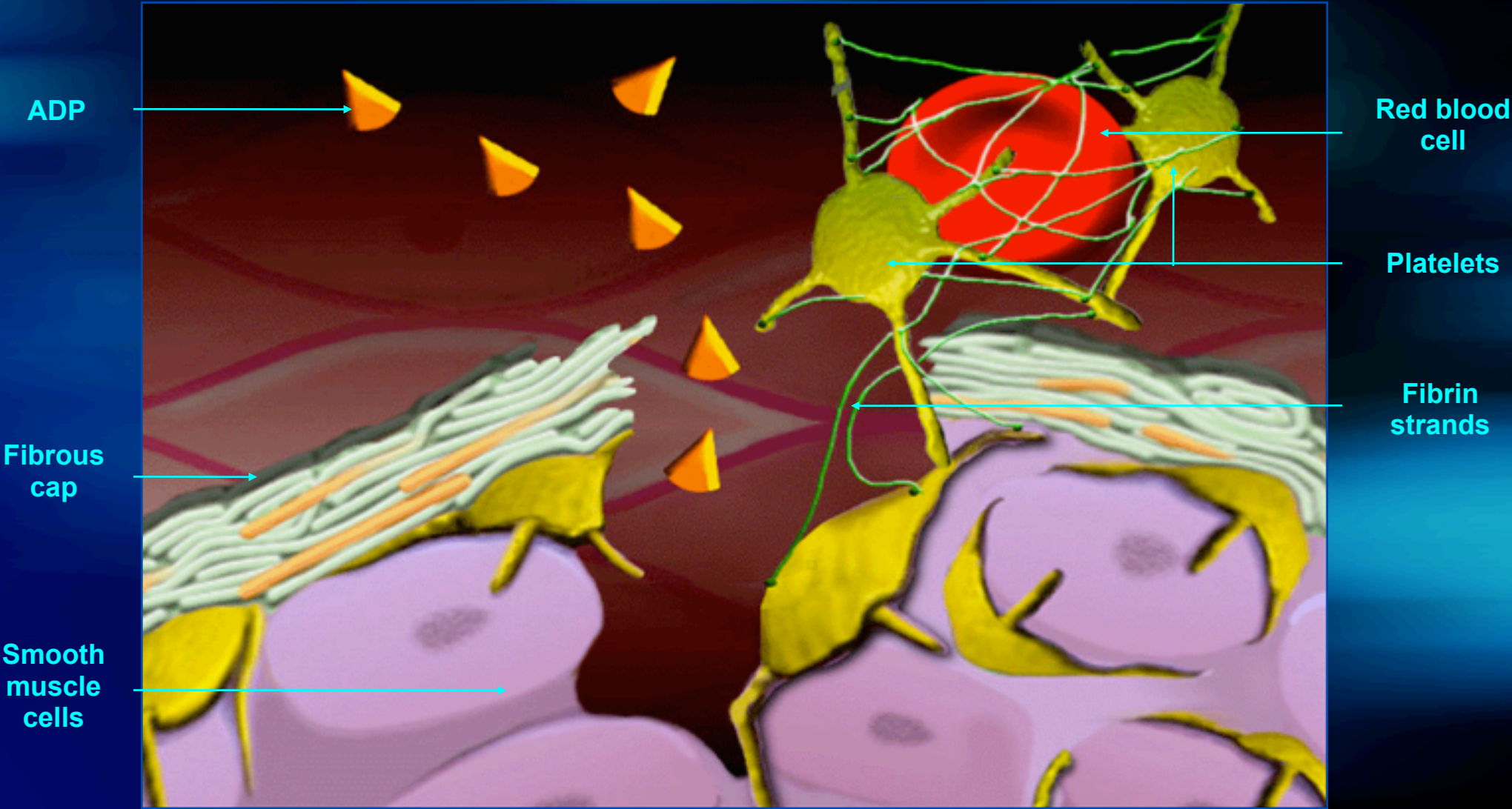
Peripheral vascular disease



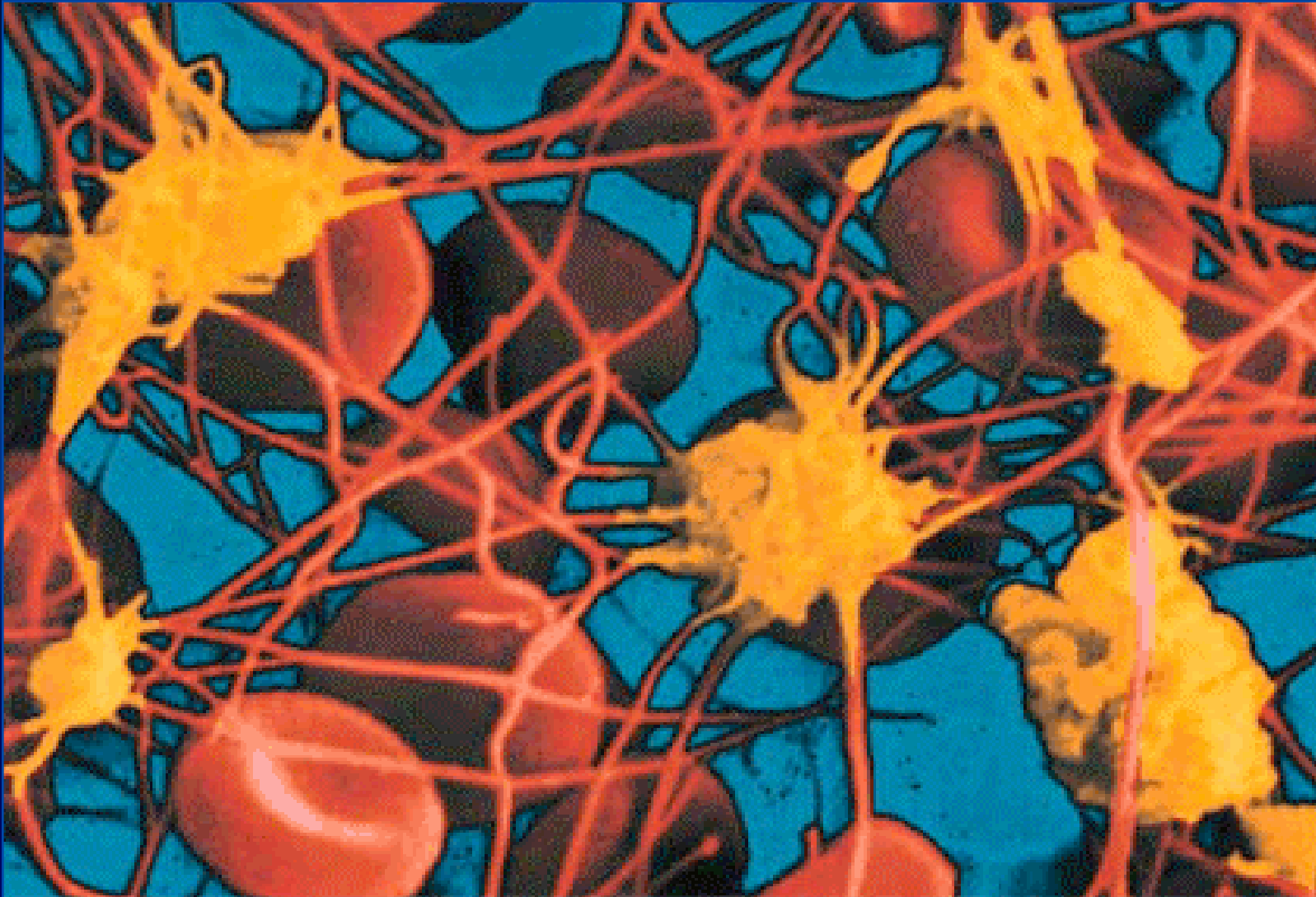
ATHEROSCLEROTIC PLAQUE FORMATION



PLAQUE RUPTURE AND THROMBUS FORMATION



PLATELET THROMBUS



ATHEROGENESIS AND ATHEROTHROMBOSIS: A PROGRESSIVE PROCESS

