



Bogomolets National medical university
Department of hygiene and ecology # 1

Topic of the lecture

**«ACTUAL ASPECTS OF MUNICIPAL HYGIENE.
PART 1
(URBANIZATION, HYGIENE OF HOUSING,
MICROCLIMATE, LIGHTING, HEATING,
VENTILATION, SOIL, SETTLEMENTS SANITARY
PURRIFICATION)»**

Lecturer: PhD, assist. prof. Antonenko Anna Mykolaivna

PLAN

1. Settlement as an object of hygiene studying. Basic tasks and the purpose of municipal hygiene.
2. A brief essay on the history of urban planning. The notion of urban development factors.
3. Urbanization as an objective reality of Scientific and technological progress. Features of living conditions and sanitary-and-hygienic provision of population in modern cities and villages.
4. Socio-hygienic problems of the modern settlements:
 - 4.1. Atmospheric air in modern settlements, the impact of its pollution on the health of the population, ways to improve the air environment.
 - 4.2. Soil and health. Fundamentals of sanitary purification of settlements from solid and liquid wastes, ways and means of disposal and utilization of solid and liquid wastes in modern settlements.
 - 4.3. Microclimate of residential and public premises, its hygienic significance.
 - 4.4. Natural and artificial lighting of residential and public premises. Hygienic significance.
 - 4.5. Physical factors (noise, electromagnetic radiation) in the conditions of modern settlements, their hygienic significance.
5. Ways and means of ensuring the biosafety effect of natural and anthropogenic factors. The role of state sanitary supervision in preserving the natural environment.