

**Tematica concursului de admitere la doctorat – conducator de doctorat A. Damert**

Mechanisms of replication, transcription, RNA processing, translation and their regulation;  
Mobile genetic elements: transposons and retrotransposons

- classification
- mobilization mechanisms
- impact on genome evolution

Bibliography:

Molecular Cell Biology (Lodish, Berk, Kaiser, Krieger, Scott, Bretscher, Ploegh, Matsudaira) Sixth edition