**Translate what follow into english**

Les champignons sont un groupe varié de microorganismes allant des levures unicellulaires jusqu’aux moisissures et champignons. **2.5points**

**Fungi are a diverse group of microorganisms ranging from single-celled yeasts to molds and fungi**

Les postulats de Koch sont définis comme les critères pour établir les relations causales entre un microorganisme et une maladie spécifique **2.5points**

**Koch's postulates are defined as criteria for establishing causal relationships between a microorganism and a specific disease**

**Translate what follow into french**

Overuse and abuse of antibiotics are largely responsible for the increasing prevalence of multi-drug resistant bacteria. Hence, the reseachers have come up with new class of antibiotics-enzybiotics, with novel mechanism of action against drug-resistant pathogens.**4points**

**L’utilisation excessive et l’abus des antibiotiques sont en grande partie responsables de la prévalence croissante des bactéries multirésistantes. Par conséquent, les revendeurs ont mis au point une nouvelle classe d’antibiotiques-enzybiotiques, avec un nouveau mécanisme d’action contre les pathogènes résistants aux antibiotiques.**

The cellular microbes are bacteria, archaea, fungi, and protists **2points**

The acellular microbes are viruses and other infectious agents, such as prions and viroids**.2points**

**What is it 4 point (1 pour chacune)**

A device used to prevent contmination of culture of media in low tempreature **refrigerator**

Used to sterilize items that might be damaged by moist heat **oven**

Is a pressure chamber used to sterilize equipment and supplies by subjecting them to high pressure saturated steam at high temperature **autoclave**

Used to transfer microorganisms to growth media **Inoculating loops**

**Give the plural of these nouns  3points**

Coccus Bacillus Spirillum **= Cocci, Bacilli, Sirpirilla**