## Research topics for Microbiology (2<sup>nd</sup> year dentistry students) Prof. dr. Ramadan eldomany -faculty of pharmacy KSU university

1	Bacterial cell structure
2	Genetic variation among bacterial cells
3	Gene transfer among bacterial cells
4	Mode of action of antibiotics
5	Clinical uses of antibiotics
6	Antimicrobial resistance problems
7	Innate immunity
8	Humoral immunity
9	Cell mediated immunity
10	Guidelines for Infection control
11	Hypersensitivity
12	Antigen and antibodies
13	Autoimmune diseases
14	diseases caused by Staphylococci
15	diseases caused by Streptococci
16	Spore forming gram positive bacilli
17	Acid fast bacteria
18	Etiology of dental caries
19	Microbiology of periodontal diseases
20	Pseudomonas aeruginosa infection