5th Week

1. Definition and therapy of autoimmune diseases

2. Mesenchymal stem cell (MSC)-based immunoregulation

3. Molecular mechanisms responsible for immunoregulaory effects of MSC-derived TGF beta, HGF, PGE2 and IL-6

4. Molecular mechanisms responsible for immunoregulaory effects of MSC-derived NO, IDO, IL-10 and IL-1Ra

5. Therapeutic potential of MSC-derived exosomes

6. Therapeutic potential of MSC-miRNAs

7. Therapeutic potential of MSCs in the treatment of diabetes type 1

8. Therapeutic potential of MSCs in the treatment of acute versus host disease

9. Therapeutic potential of Adipose-Derived Stem Cells for Systemic Sclerosis and Systemic Sclerosis Digital Ulcers

10. Therapeutic potential of MSC in the treatment of autism spectrum disorders

11. Therapeutic potential of MSCs in the treatment of rheumatoid arthritis

12. Therapeutic potential of MSCs in the treatment of Systemic Lupus Erythematosus

13. Therapeutic potential of MSCs in the treatment of Multiple Sclerosis

14. MSC based therapy of Perianal Fistulizing Crohn's Disease