Recently Research (2019~2023)

1. Potential roles of hydroxychloroquine in glucocorticoid induced osteonecrosis by autophagy inhibition in bone marrow adipose tissue – In Vivo study.

⟨ Chief. Hsin-Lin Tsai 2023/01/01~2023/12/31 ⟩

2. Staged development of artificial intelligence and machine learning to assist in customizing treatment plans for translocation renal cell carcinoma.

⟨ Chief. Hsin-Lin Tsai 2023/08/01~2024/7/31 ⟩

3. Pairwise Comparison Analysis in Gut and Biliary Microbiota between Donor /Recipient in Living Donor Liver Transplantation, to Elucidate Post-Transplantation Outcomes and Find Future Therapies.

⟨ Chief. Hsin-Lin Tsai 2022/01/01~2022/12/31 ⟩

4. Pairwise Comparison Analysis in Gut and Biliary Microbiota between Donor /Recipient in Living Donor Liver Transplantation, to Elucidate Post-Transplantation Outcomes and Find Future Therapies.

⟨ Chief. Hsin-Lin Tsai 2021/01/01~2021/12/31 ⟩

- 5. Risk factors associated with osteoporosis and fracture in solid organ transplant recipients.

 Chief. Hsin-Lin Tsai 2020/01/01~2020/12/31
- 6. Implementing Simulation-based Mastery Learning in Surgical Resident Education on Totally Implantable Venous Access Device Implantation.

⟨ Dr. Yi-Ting Yeh 2020/05/01~2020/11/31 ⟩

- 7. Different dosages and combinations of medications (steroid, vitamin-A, Urso) to explore the best way to decrease the liver fibrosis after Kasai procedure using the expression of alpha-SMA.

 \(\langle \text{Chief Chin-Su Liu } \text{2019/01/01~2019/12/31} \rangle \)
- 8. Treatment of D-galactosamine induced acute liver failure in pigs by human mesenchymal stem cells.

 Chief Chin-Su Liu 2018/08/01~2019/07/31
- 9. Incidence and risk factors for osteoporosis and bone fracture in kidney transplant recipients. \langle Dr. Hsin-Lin Tsai 2019/01/01~2019/12/31 \rangle