The following list contains topics in pharmacology, which addresses significant problems and suggests an opportunity for an involving research.

1. The use of milrinone for curing a chronic heart failure.
2. The risk of death caused by the use of norepinephrine-resistant hypotension in the condition of septic shock in a patient.
3. Analysis and examples of attenuated vaccines.
4. The cases of tuberculosis activation caused by the use of tumour necrosis factor antagonists.
5. Vitamin B6 deficiency and its long-term effects on patients with liver diseases.
6. The hazards of using such anxiolytics as midazolam and diazepam in antifungal therapy.
7. The impact of serum folate on cancer cells.
8. The impact of terlipressin on blood pressure during septic shock.
10. The role of vasopressin in regulating the serum osmolality: statistical proves.
11. The use of satin for kidney recovery after surgeries.
12. Neurohypophysis as a facilitating environment for the synthesis of significant hormones.
13. The role of gliclazide in metabolism.
14. The advance of pharmacology due to the invention of 3d models of human organs.
15. The vasoconstrictor effect of vasopressine: the recent findings.
16. Analysis of neuropeptide S receptor.
17. The impact of cytokines on responsive cells in the conditions of rheumatoid arthritis.
18. The side effects of using corticosteroids against Crohn's disease.
19. The elements that were proved to improve memory.
20. The impact of risdiplam on SMN protein production in peripheral organs.
21. Adverse effects of using immunomodulatory medicine for curing oral lichen planus.

22. Abatacept for treatment of the patients with SLE.

23. The greatest pharmacovigilance discoveries of the past 10 years.

24. Carpal tunnel syndrome: a distortion in peripheral nervous system functioning.


26. The relation between the intake of antipsychotic drugs and changes in weight.

27. The effectiveness of thymoquinone for preventing breast cancer.

28. The risk of using rosuvastatin for treating dyslipidemia.

29. Increasing plasma nitrite levels for macrocirculatory hemodynamic optimization: testing inhaled nitric oxide.

30. Can belimumab break the cycle of B-cell activation in patients with SLE?

31. Effectiveness of rituximab in treating lymphoma.

32. The use of natural hirudin for curing deep venous thrombosis.

33. The main approaches of modern experimental pharmacology.

34. Efalizumab in curing oral lichen planus: benefits and risks.

35. Pharmacology in XVIII century: general overview.

36. The proven benefits of low molecular weight heparin.

37. Sickle cell disease: treatment on molecular level.

38. The possible applications of B-cell modulation in current therapies.


40. Drug tolerance as one of the main themes of pharmacology.

41. The role of ascorbic acid in reducing the ACE1 in prenatal care.

42. Preparations for preventing vein thrombosis in elderly patients.

43. Additional intake of calcium in treating arrhythmia.

44. The role of polyunsaturated fats in Brugada syndrome treatment.

45. Oxidative injury of the heart.

46. The use of Ganoderma lucidum extract for curing tumors.
47. Drug receptor theory as the central idea in pharmacological studies.
48. Combination therapy designed to cure sickle cell disease.
49. Lipid lowering therapy: effectiveness in conditions of LQT syndrome.
50. Enteral clonidine as compared to dexmedetomidine infusion with the purpose of sedating the patients.
51. The role of histamine H3R in the development of autism.
52. The changes in concentration of serotonin and their reflection in wellness level.
53. The safety of using Dexmedetomidine for conscious sedation: results of the recent studies.
54. The use of clonidine orally for soothing the side effects of dexmedetomidine.
55. Micronutrients and their impact on epigenetic nature of fetus.
56. Eliminating withdrawal symptoms in patients treated with benzodiazepines.
57. The use of pyridoxalated hemoglobin for patients with vasopressor-dependent distributive shock.
58. The results of studying the impact of metformin use for treating diabetes.
59. Recent advances in researches about renal pharmacology.
60. The importance of posology studies of new preparations.
61. Medicine for preventing the side effects of acute kidney injury as a result of surgery.
62. The benefits of applying inhaled nitric oxide for improving microcirculation in patients with sepsis.
63. New directions in pharmacological research.
64. Safe insulin sensitizers and their use for patients with diabetes.
65. The use of technologies in neuropharmacology.
66. The challenges of using bortezomib as a complementary drug for patients with osteosarcoma.
67. The development of myopathy in clinical conditions for patients treated with atorvastatin.
68. Innovative methods of research in toxicology.
69. The results of using Nrf2 for preventing the need for chemotherapy in patients.
with bladder cancer.

70. The impact of selenocyanate on cancer cells.
71. Epigenetic effects of the intake of Histone H3 Lys-4 trimethylation.
72. CIN rates in patients who received additional vitamin B12.
73. Extracellular matrix change due to the influence of Vitamin C.
74. The use of boerhaavia diffusa for curing asthma.
75. Central problems of environmental pharmacology.
76. A deeper understanding of opioid reception function.
77. Findings of the recent studies on Gram-negative antibiotics.
78. The impact of cannabidiol on memory functions.
79. Explaining the condition of brain iron overload.
80. The controversial nature of serotonin concentration enhancers.
81. The role of glimepiride in metabolism.
82. Melochia Gordata leaves: a potential for preventing strokes.
83. The optimal technique of preparing intracameral phenylephrine.
84. Diabetus mellitus treatment: recent advances.
85. Glucosidase activity of Lactobacillus paracasei.
86. Recent researches on hantavirus pulmonary syndrome.
87. Using coal tar to remove irritation in psoriasis.
89. The changes in heart rate related to the implementation of amlodipine.
90. The pharmacological challenges of neuromuscular block.
91. Attention disorders and other side effects of antidepressant medicines.
92. Debates around vaccinations against flu.
93. The use of medical marijuana: results of recent tests.
94. Commercial availability of drugs.
95. The use of safinamide for patients with Parkinson's disease: research results.