

# **Nuclear Medicine**

## **(PhD entrance exam topics)**

1. Instrumentation in nuclear medicine
2. SPECT, PET systems and hybrid imaging
3. Nuclear medicine computers
4. Radio-pharmacology (radionuclide production, labeling techniques)
5. Nuclear cardiology
6. Nuclear oncology
7. Nuclear medicine in neurological and psychiatric disorders
8. Nuclear medicine in lung disorders
9. Nuclear medicine in renal disorders
10. Nuclear medicine in gastroenterology
11. Nuclear medicine in disorders of the bone and joints
12. Nuclear medicine in endocrinology
13. Radionuclide therapy
14. Nuclear medicine in pediatrics
15. Nuclear medicine in inflammations
16. Radiation protection