## Experimental Facilities



## EXPERIMENTAL FACILITIES

| 1. Summary of Experimental Stations   | 51 |
|---|----|
| 2. Construction and Upgrading of Beamlines  2-1 The Soft X-Ray Capability of XAFS Station, BL-9A  2-2 AR-NW2A, Time-Resolved XAFS Station  2-3 AR-NW12A, Protein Crystallography Beamline   | 62 |
| 3. New Experimental Facilities and Apparatus  3-1 A High-Resolution ARPES Spectrometer Combined with a Combinatorial Laser MBE Thin Film Growth System  3-1 Performance of the Photon Microbeam Irradiation System for Radiobiology  3-2 Completion of Slow Positron Beamline at a New Site | 66 |
| 4. Structural Biology Group  4-1 Outline  4-2 Structural Biology Program: Intracellular Protein Transport and Protein Glycosylation  4-3 Beamline Developments  4-4 High-Throughput Technologies  | 69 |