YOUR **BLUE** SCIENCE

*Chirascan Plus
Automated Circular Dichroism
Spectrometer

Analyse Protein Structure and Folding
Circular Dichroism

Circular Dichroism uses spectroscopy techniques to analyse protein stability across several environments including temperature, ionic strength as well as the display of solutes and small molecules.

Applied Photophysics offers a range of CD spectroscopy and kinetics based spectroscopy to suit your application.

- Chirascan CD can be used for structural characterisation of proteins, peptides and nucleic acids as well as the thermodynamics of folding/unfolding & binding constants.
- Chirascan Plus CD handles many demanding applications with ease. This can be used for scans, titrations, stopped-flow and thermal denaturations.
- Chirascan Plus Automated ACD For medium throughput protein analysis, the ACD is a pardigm shift in CD technology able to process up to 200 scans per 24 hours.
- SX20 Stopped Flow Spectrometer used for biological, organic and inorganic chemistries. The SX20 covers enzyme catalysis and reaction mechanisms as well as refolding and coordination chemistry.

Many researhers are already using Applied Photophysics technology to assist their research and as a result there are many papers and application notes available.

Please contact us to request a copy of any of the below application notes and many others that are available.

- Biosimilarity Studies of Serum Albumins
- Optimisation of Protein Formulation
- Stability of Fibronectin
- Mapping Protein Stability
- Optimisation of buffer for antibody
- Protein Bilayer Reconstitution
- Protein Chemical Denaturation
- Urea Titration of Proteins

SCIENTEX

MARKETING SCIENCE EXPERIENCE

www.**scientex.com.au**
email **info@scientex.com.au**
phone **613 9899 6100**