YOUR **BLUE** SCIENCE

*Chirascan Q100 & V100
Automated Circular Dichroism
Spectrometers

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 Q100 provides detailed insight into the Higher Order Struture (HOS) characteristics of complex biomolecules. Reproducible robotics and high performance CD spectrometry combine to generate quality data compatible with the most stringent statistical analysis methods.
- Chirascan V100 generate high quality data with high sensitivity and accuracy for deeper understanding of biomolecular characteristics, mechanisms and interactions.
- Chirascan fetured in thousands of publications and is used to analyse biomolecules.
- 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**