

**Investigations of cataracta formation in mammalian lenses - Spektroskopowe badania rozwoju zaćmy w soczewkach ssaków**

Artur Böttcher

The article contents a short review of experimental investigations, which try to explain the molecular mechanism associated with cataracta formation in mammalian lenses. The first part describes the participation of NMR methods in the investigations of water-proteins interaction during the cataracta evolution. The second presents the rise of the Raman spectroscopy to our knowledge senile cataract. The use of experimental results in the clinical practice is discussed too.