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The Role of SAXS in the Study of Non-crystalline Biological Systems. Michel H. J. Koch, European Molecular Biology Laboratory, Hamburg Outstation, Notkestrasse 85, Hamburg, 22603 GERMANY.

The progress in the study of non-crystalline systems by X-ray scattering and closely related imaging techniques, made possible by advances in synchrotron radiation sources and instrumentation, will be reviewed. A brief introduction to the techniques will be followed by the presentation of a range of applications to problems in fundamental and applied research in biochemistry and biophysics as well as in food and pharmaceutical technology.