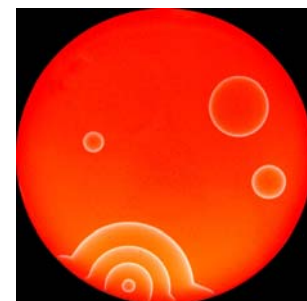


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One aim of this research project on nonlinear chemical dynamics is to design and to analyze “simple” chemical systems that constitute analogs of memory formation and processing in living systems. PI Irving Epstein serves on the scientific advisory board of the Flaschner Judicial Institute, a non-profit organization that conducts educational programs for Massachusetts judges. In collaboration with the judge who chairs the board, he organized and spoke at a full-day symposium, attended by about 30 judges, on "The Science Behind Memory". Presentations by scientists included such topics as chemical changes that take place in the brain when memories are formed, functional magnetic resonance imaging (MRI), and the reliability of eyewitness testimony. The day concluded with a panel session in which judges, prosecutors and defense attorneys discussed the implications of what they had learned for courtroom practice in general and for several specific cases.



Developing waves in the
Belousov-Zhabotinsky reaction