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*Persistence, spreading speeds and forced waves of Parabolic–Elliptic Chemotaxis models in shifting environments*

Chemotaxis models are used to describe the movements of biological species or living organisms in response to certain chemicals in their environments. The current talk is concerned with persistence, spreading speeds and forced waves of Parabolic–Elliptic Chemotaxis models in shifting environments. Some numerical simulations will be presented to demonstrate the existence of forced waves.