**SYMCOMP 20157 Thematic Session (Id S2)**

**Difference and differential equation models in biomathematics**

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In several areas of biology, including physiology, ecology, evolution, toxicology, and immunology, mathematical models play an important role as a tool to understand qualitative and quantitative aspects of the described biological phenomena.

The objective of this session is to join researchers interested in biomathematics models described by systems of differential equations (ODEs and PDEs) or difference equations.

Topics of interest include, but are not restricted to, local and global stability, monotone dynamics, non-autonomous models, models with time-delay, models with impulses optimal control problems and numerical simulation.