Maria Abou Chakra

Maria is a Senior Research Associate at the University of Toronto. She specializes in theoretical biology and develops mathematical and computational models in various fields. Her expertise includes evolutionary biology, behavioral ecology, theoretical morphology, and cell development. She has developed models to predict sea urchin skeleton growth, and social behaviors in climate change negotiations and host-parasite interactions. Currently, she's using a 3D model to predict cell diversification in developing tissue.

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