This book, the fruit of collaboration between a medical scientist and a homeopathic doctor, reviews the foundations of the homeopathic principles (law of similars, dilution/potentization, individualization of the cure, and so on) in the light of the recent discoveries of conventional academic science. Placebo-controlled studies, the biophysics of water, meta-molecular effects, and theories of complexity and chaos are clearly expounded and utilized with a view to coming up with a comprehensive explanation. This encounter between the homeopathic tradition and modern investigational methodologies represents a breakthrough in the history of western medicine.