

Editor Profile, May 2005

Professor Brian D Sleeman Editor of *Journal of Theoretical Medicine*

Brian Sleeman is the founding Editor of [Journal of Theoretical Medicine](#). This journal seeks to promote genuine interdisciplinary collaboration between those interested in the theoretical and clinical aspects of medicine and to foster and encourage the application of mathematics to problems arising from the biomedical sciences.



Brian Sleeman obtained his PhD from the University of London in 1966, he then moved to University of Dundee to work as a Lecturer. He obtained his DSc here in 1975. Professor Sleeman continued to work at the University of Dundee until 1995, among the different positions he held at this university were Professor of Applied Maths, Director - Centre for Nonlinear Systems in Biology and Ivory Professor of Mathematics. In 1995 he moved to Leeds University as Professor of Applied Mathematics, he became Research Professor in 2004, a position he still holds. Very recently, together with Dr Pamela Jones, Professor Sleeman has set up a centre for Theoretical Medicine at St James's University Hospital Leeds. This unique initiative is intended to bring Medical Scientists, Clinicians and Mathematicians together in support of frontier research in oncology.

Brian Sleeman's areas of expertise include mathematical modelling in neuro physiology, tumour growth and angiogenesis, stochastic differential equations reinforced random walks, chaotic dynamics and fractal geometry.

Brian Sleeman has a long history of service to the Mathematics community. He has organised and chaired numerous conferences and symposiums and as well as editing the *Journal of Theoretical Medicine* has also been on the editorial board of several other academic publications. He has himself published over 200 papers and written 3 books.

[An International Meeting on Mathematical Biology and Applied Analysis](#) was held in October 2004 at the University of Dundee in honour of Brian Sleeman for his 65th birthday. All of Professor Sleeman's former PhD students and post-docs and as many as possible of his research collaborators were invited. A number of plenary talks were given with the speakers drawn from Brian Sleeman's former colleagues and other experts in his fields of research. This meeting was supported by [EPSRC](#), [The London Mathematical Society](#) and The Edinburgh Mathematical Society.

For further information about Brian Sleeman and his current research please visit the [University of Leeds website](#).

