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*Developing an Open calculus book for Life Sciences*

There are many kinds of calculus books available on the market, but few that highlight the important connections of the life-sciences to mathematics. Here I will describe efforts at developing such material over many years, while teaching first-year calculus (Math 102/103) at the University of British Columbia. I will highlight the influences and motivation for developing this material, and mention some of the challenges along the way. The book is available at <http://www.math.ubc.ca/keshet/OpenBook.pdf>. (Latex files are also available licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License.)