Honored Papers 2015

Computers in Biology and Medicine has been published since 1970 in both print and online form. Over 300 scientific papers appeared in the journal in 2015, many of which are in the fields of computational biology, biomedical engineering, bioinformatics, and similar areas. The journal now receives well over 1200 submission per year; thus the evaluation process is highly selective, and the acceptance rate is only about 1 in 5. It was therefore felt that the most admired of the papers appearing in the journal should receive recognition. Said papers meriting recognition were selected as follows. As editor-in-chief, I first looked through the reviews of every paper published in 2015. When two or more referees offered highly positive reviews, and there were no negative comments from any reviewer, the referees offering the highly positive reviews were contacted to determine whether they would consider the paper to be one of the best papers published in the journal for the year. The editorial board was also contacted and requested to provide scores and comments for any papers for which they had sufficient expertise to evaluate. The referees and editorial board members were requested to provide either a numerical score, or whether the paper could be considered to be a top 10 paper, honorable mention paper, or neither, and any comments. Based on the average overall scores, the papers were ranked and selected for special mention. The procedure was transparent to the editorial board members.

All of the papers published in Computers in Biology and Medicine are considered to be good papers at the very least, or they would not be published. Some papers published in the journal in 2015 but not listed here will undoubtedly turn out to be among the most widely cited, respected, and admired papers appearing in the journal. Based on the response of referees and editorial board members, however, a number of particularly exciting and interesting papers were selected for special mention. The two categories of special mention are: Esteemed Paper (approximately the Top 10-15 Papers of the Year) and Meritorious Paper (approximately the remaining top 10% of papers). Many of these articles had very positive comments from the referees and editorial board members. Typical of the expressions used to describe them include: ‘very interesting and valuable’, ‘notable’, ‘well conducted’, ‘very well written’, ‘high quality’. We hope that the readers of Computers in Biology and Medicine will take the time to look through the list of honored papers and read those of interest, as examples of scientific papers published in the field with very high standards. I would like to thank all of the readers, authors, referees, regular
editorial board members and associate editors for their outstanding support and contributions to the journal in 2015.

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**Esteemed Paper – Computers in Biology and Medicine – 2015**
*(Top 10 - 15 Papers of the Year)*


**Meritorious Paper – Computers in Biology and Medicine – 2015**
(Honorable Mention - approximately the remaining top 10% of papers)


