

Renato Marcos Endrizzi Sabbatini, PhD



A Brazilian biomedical and computer scientist, educator, publisher, science writer, entrepreneur and administrator.

Education

- Bachelor in Biomedical Sciences, [Faculty of Medicine at Ribeirão Preto, University of São Paulo](#), Brazil, 1965-1968
- Doctor of Sciences (Physiology), [Department of Physiology](#), Faculty of Medicine at Ribeirão Preto, University of São Paulo, Brazil, 1977
- Postdoctoral Studies (Neurophysiology of Behavior): Dept. Primate Behavior, [Max Planck Institute for Neurobiology](#) (formerly Max Planck Institute for Psychiatry), Munich, Germany, 1977-1979

Present Positions

- President and founding member, President of the Administrative Board and member of the Scientific Council, [Edumed Institute](#) (Institute for Education in Medicine and Health - *Instituto para Educação em Medicina e Saúde*), Campinas, Brazil (2000-present).
- Founder and Technical Coordinator, the [e*pub](#) - Electronic Publications in Medicine and Biology Group (1995-present)
- CEO, [WebPraxis](#) International Consultants and Development Ltd., Campinas, Brazil (2004-present).
- Founder and Director of Business, [Edologica Educação & Tecnologia Ltd.](#) Campinas, Brazil (2003-present)
- Associate Researcher and Professor of the [Science Journalism Specialization Course, Laboratory for Advanced Studies in Journalism](#) (1999-present)
- Founder and president, [Brazilian Society of Skeptics and Rationalists](#)
- Appointed member of the Technology Council, [Syndicate of Engineers of the State of São Paulo](#).
- Elected member of the Admissions Committee, [Brazilian Society of Health Informatics](#) (2008-2010).

Committees and Boards

- Member of the Working Group "[Informatics for Development](#)", [International Medical Informatics Association](#) (1996-present)
- Member of the Scientific Council of [Vitalitas](#) (Latin American Cultural Association for Medical and Scientific Research and Studies - *Associação Cultural Latino-Americana de Pesquisas e Estudos Médico-Científicos*), São Paulo, Brazil (2000-present)
- Director for External Relations of the Campinas Branch, [Brazilian Association for Distance Education](#) (2002-present).

Former Positions

- Associate researcher, founder, former Director (1983-1999, 2001-2003 - **retired**), Associate Director (1999-2001) and R&D Director (2000-2003), former [Center for Biomedical Informatics](#), [State University of Campinas](#), Brazil.
- Associate Professor and Chairman, Medical Informatics, [Dept. Medical Genetics](#) of the [Faculty of Medical Sciences](#), State University of Campinas, Brazil (1988-2003 - **retired**).
- Director for Informatics, [Brazilian Medical Association](#) (1996-1999)
- Founder (1986), Vice-President (1986-1988), President (1988-1990) and Secretary General (1990-1992), Member of the Fiscal Council (2002-2004) [Brazilian Society for Health Informatics](#).
- President, International Medical Informatics Association - Federation for the Latin America and the Caribbean (IMIA-LAC) (1998-1999)
- Founder and Technical Coordinator, the Center for Distance Education in Health, State University of Campinas (2000-2004)
- Member of the Internet Working Group of the [American Medical Informatics Association](#) (1996-2001)
- Member of the Health Working Group, Interministerial Committee for Internet Brazil (1996-1999)
- Member of the Editorial Board, [Medical Matrix](#)

Research and Development

- **Medical Informatics**
 - Telemedicine and telehealth
- Artificial Intelligence applications in Medicine and Biology
- Artificial neural networks
- Medical Informatics education
- Computer-assisted education in Medicine and Biology
- Hospital and medical office automation
- Internet applications in Medicine and Health
- Electronic publications
- Satellite applications in medicine and education
- **Distance education and e-learning**
- **Neurosciences**
 - Computational neurosciences
- Quantitative analysis of behavioral sequences
- History of the neurosciences
- **Public understanding of science**
- **High-Frequency Electromagnetic Fields, Biology and Health**

Editorial Activity

Present

- President of the Editorial Board, [Brain & Mind Magazine](#), Center for Biomedical Informatics, and later Edumed Institute 1997-present.
- Founder and associate editor, Brain & Mind Newsletter. The Edumed Institute [[In Portuguese](#) | [In English](#)]
- Founder and editor-in-chief, *Edumed News*. The Edumed Institute [In [Portuguese](#) |

- [English](#)] (2001-present)
- Founder and editor-in-chief, *Telemedicine and Telehealth Newsletter*. The Edumed Institute, [[In English](#) | [In Portuguese](#)] (2004-present)
- Founder and editor-in-chief, *Digital TV News*. The Edumed Institute [[in Portuguese](#)] (2006-present)
- Member of the Editorial Board, [Critical Reviews in Biomedical Engineering](#), 1994-present.

Former

- Scientific Editor, [Intermedic Magazine](#), a Journal on Internet and Medicine, 1997-1999.
- Scientific Editor, [Revista de Informática Médica](#) (*Medical Informatics Journal*), 1998-1999. Formerly: [Informédica](#) Magazine
- Editor, [NIBNews](#), An Electronic Bulletin on Medical Informatics, Campinas, Brazil, 1993-1995.
- Editor, *MedSaude*, An Electronic Bulletin on Internet Resources in Medicine and Health, Campinas, Brazil, 1995-1997.
- Scientific Editor, Brazilian Journal of Health Informatics, 1987-1989.
- Managing Editor, *The OnLine Journal of Plastic and Reconstructive Surgery*, SOBRAPAR, Campinas, Brazil, 1995-2000.
- Member of the Editorial Board of *On-Line Journal of Dentistry and Oral Medicine*, Center for Biomedical Informatics, State University of Campinas, Brazil, 1999-2000.
- Collaborator in Medical Informatics, *Revista "Médico Repórter"* (*Medical Reporter*), São Paulo, Brazil, 1998-2001.
- Collaborator in Medical Informatics, *Revista "Check-Up"*, São Paulo, Brazil, 1998-2002.
- Collaborator in Science and Informatics, [Jornal "Correio Popular"](#) (newspaper), Campinas, Brazil, 1992-2001.
- Member of the Coordinating Committee of [ComCiência](#), an on-line journal of science writing, Campinas, Brazil, 1999-2000.
- Member of the Editorial Board of [NutriWeb](#), an on-line magazine of Nutrition, Center for Biomedical Informatics, State University of Campinas, Brazil, 1999-2003
- Associate editor and founder, *Health & Life Magazine*, an on-line magazine of health care information, Center for Biomedical Informatics, State University of Campinas, Brazil, 1996-2003

TV Program

- Producer and Anchorman: [Talking About Technology](#). Channel 8 TV Fenix, Campinas, SP, Brazil (2004)

Publications

Full papers

In English

- [Interdisciplinarity and the Neurosciences](#). "Interdisciplinary Science Review", 27(4) Dec 2002, pp. 303-311.
- [Brain & Mind Magazine: An On-Line Multimedia Resource for Dissemination and](#)

- [Evaluation of Knowledge in Neuroscience](#). Center for Biomedical Informatics of the State University of Campinas, 1998.
- [Ethical Issues in Internetable Health Care](#). AMIA Annual Symposium, 2000.
 - [Neural network in prognosis of mortality of patients with congestive heart disease](#). Journal of the American College of Cardiology, 26(7), 1586-1593, 1996.
 - Applications of artificial neural networks in biological signal processing. MD Computing, 3(2), 165-172 March 1996.
 - How to get the best out of automated information systems. World Health Forum, 8(4): 432-434, 1987.
 - A practical course on knowledge engineering for Health professionals. In: Barber, B.; Cao, D.; Qin, D.; Wagner, G. (Eds.) - Proceedings Sixth World Congress of Medical Informatics (MEDINFO'89, Beijing, China, Singapore): International Medical Informatics Association, North-Holland Press, Amsterdam, Netherlands, p. 949-952, 1989.
 - A microcomputer software laboratory for teaching informatics to medical students. In: O'Moore, R.; Bengtsson, S.; Bryant, J.R. & Bryden, J.S. (Eds.) - Medical Informatics Europe'90. Proceedings, Glasgow, Scotland. Berlin: Springer-Verlag, p. 416-421, 1990.
 - An improved undergraduate curriculum for teaching Medical Informatics to medical and nursing students. In: Van Bommel, J.H. & Zvarova, J. (Eds.) - Knowledge, Information and Medical Education. Amsterdam: North Holland, p. 67-78, 1991.
 - Computer simulation of a quantitative model for reflex epilepsy. In: Dvorak, I.; Holden, A.V. (Eds.) - Mathematical Approaches to Brain Functioning Diagnostics. (Proceedings in Non-Linear Science). Manchester: Manchester University Press, p. 249-256, 1991.
 - Applications of connectionist systems in Biomedicine. In: Lun, K.C. et al. (Eds) - Proceed. VII World Congress on Medical Informatics (MEDINFO'92). Amsterdam: North Holland, p. 418-425, 1992.
 - Outcome prediction for critical patients under intensive care, using backpropagation neural networks. Anais I Forum Nacional de Ciencia e Tecnologia em Saude, Caxambu, MG, pp. 344-47, November 1992.
 - A microcomputer-based system for distributed statistical analysis of mortality data using a CD-ROM database. Proceed. Int.Congress on Medical Informatics (MIE'93). London: Freund Publ., 1993.
 - Neural networks for classification and pattern recognition of biological signals. Proceed. Annual International IEEE Conference of the Engineering in Medicine and Biology Society. San Diego, CA, November 1993. Los Alamitos: IEEE Press, 1993.
 - Neural network based approach to outcome prognosis for patients with diastolic dysfunction. In: Comparative Approaches in Medical Reasoning (Cohen, M.E. and Hudson, D.L., editors), Elsevier, 1993 [[Google Books Excerpt](#)]
 - On-line sectional anatomy for medical education. XV Congress of the International Federation of Associations of Anatomists 4th International Malpighi Symposium. Roma - Itália - 1999, p. 12-13.
 - An interactive on-line atlas of anatomy for medical education based on the Visible Human Images using a java image engine. On-line sectional anatomy for medical education. 2nd International Workshop Of The Visible Human Dataset - Milano Mirror Site ® - Milano - Itália - 1999, p. 13-14.

In Portuguese

- [Evolução dos Recursos de Informática na Saúde](#) (Evolution of Informatics Resources in Health). Brazilian Conference of Hospitals, São Paulo (PDF)
- [Utilização de Softwares Livres em Educação a Distância em Medicina e Saúde:](#)

- [uma Experiência de 6 Anos](#) [Using Free Source Software in Distance Education in Medicine and Health. A 6-years Experience]. *Anais Congr. Brasil. Inform. Saúde*. Florianópolis, Santa Catarina, October 2006.
- [O Maomé Vai à Montanha. Educação Continuada de Qualidade](#) [Muhammad Goes to the Mountain. Quality Continued Education]. *Revista do CREMESP* 29 (Oct.-Dec. 2004)
- *Telemedicina na Educação Continuada em Saúde. Relato de uma Oficina* (Telemedicine in Distance Education in Health. Report of a Workshop). *Revista Sanare*, Sobral, CE: Escola de Formação de Saúde em Família, Jan/Fev/Mar 2002.
- [Educação a Distância no Ensino Superior em Saúde. Uma Revisão Crítica](#) (Distance Education in Higher Education in Health Sciences. A Critical Review). Instituto Edumed para Educação em Medicina e Saúde. Campinas, 2001.
- *Aprendendo a Distância* [Learning at Distance]. *Revista de Educação da Pontifícia Universidade Católica de Campinas*, 3(7): 76-79, novembro 1999.
- *Ciência perdida no Terceiro Mundo* (Lost Science in the Third World). *Revista da Escola de Minas de Ouro Preto*, 52(1): 15, 1999.
- [O Hospital Virtual, Publicações Eletrônicas e o Ser Humano Visível: Novos Paradigmas para a Educação em Saúde](#). [The Virtual Hospital, Electronic Publications and Visible Human. New Paradigms for Health Education]; *Proceed. Regional Conference on Health Information Systems*, p. 128-137, São Paulo, BIREME, 1996.

Book Chapters

In English

- [Internet Health Applications in Brazil](#). In: Sosa-Iudicissa, M. et al. (Eds). *Internet, Telematics and Health*. IOP Press, 1997.
- Chapter 3: Informatics Support for Health Programmes; Chapter 4: Informatics Support for the Provision of Health Care. Chapter 5.6: Using Computers in Training and Education. Chapter 6: The Choice of Informatics Technology. In: *Informatics and Telematics in Health Care*. Geneva: World Health Organization, 1987

In Portuguese

- [e-Saude](#) (e-Health). In: Knight, Peter T. et al. (Editors): *e-Desenvolvimento*. São Paulo, Editora Yendis, 2007 (PDF, in Portuguese).
- [Telemedicina e Informatização em Saúde](#) [Telemedicine and Informatization in Health]. In: *Technologies That Change Our Lives* (Siqueira, E., Org.), São Paulo, Editora Saraiva, 2007. (PDF, In Portuguese)
- [O Hospital Virtual Brasileiro. Um Caso em e-Saúde](#) [The Brazilian Virtual Hospital. A Case in e-Health]. In: Knight, P. et al.: *e-Gov Brazil*. Rio de Janeiro: Pearson Educational, 2003. (In Portuguese)
- [Informática e Internet na Medicina](#) (Informatics and Internet in Medicine). Em: *Como Dar Início a Uma Carreira de Sucesso na Medicina*. Editora Moreira Jr., e Pfizer do Brasil. Programa Médico Residente. Carvalhaes, C.C.J. (Coordenador), pp. 111-143, 2002.
- *A Automação de Sistemas de Registro Médico Baseados em Microcomputadores* (Automation of Medical Record Systems Based on Microcomputers). In: Rodrigues, R.J. (Ed.). *Informatics and the Hospital Manager*. Sao Paulo: Pioneira, p. 71-82, 1987 (in Portuguese).

Editorials

In English

- [Tecnologia com humanismo](#) (Technology with Humanism). *Revista Superinteressante*, 191B, Suplemento Especial "Medicina do Futuro", setembro 2003, pg. 56.
- Mind and Disease. *J. Amer. Ass. Med. Transcript*, 21(2): 29-32, March/April 2002.
- Teleodontology; The Future of Distance Collaboration in Clinical Practice and Education. *The OnLine Journal of Dentistry and Oral Medicine*, Vol. 3(4), October 2001.
- [A Internet na Indústria Farmacêutica](#) (The Internet in the Pharmaceutical Industry). Pfizer Fórum. *Revista Exame* 9 August 2000
- A New Era in Dentistry. *On-Line Journal of Dentistry and Oral Medicine*, 1(2), 1999.
- Continued Education in the Health Sciences and the Internet. *On-Line Journal of Dentistry and Oral Medicine*, 2(4), 2000.

In Portuguese

- [Tecnologia com humanismo](#) (Technology with Humanism). *Revista Superinteressante*, 191B, Suplemento Especial "Medicina do Futuro", setembro 2003, pg. 56.
- [A Internet na Indústria Farmacêutica](#) (The Internet in the Pharmaceutical Industry). Pfizer Fórum. *Revista Exame* 9 August 2000

Publications

Books, Dissertations and Monographs

- Species-specific behavior and brain electrical stimulation: a quantitative and neuroethological approach. Doctoral Dissertation, University of S.Paulo, Brazil, 1977. (in Portuguese)
- The TRS-80 Resource Book. Munich, W.Germany: Vortex, 1979
- The Microcomputer in Clinical Practice. São Paulo Academy of Sciences, 1983 (in Portuguese)
- Introduction to BASIC Microcomputer Programming. São Paulo: Nova Cultural, 1985 (in Portuguese)
- Microcomputers Applications in Medicine: a Review. Geneva: World Health Organization, 1985
- Introduction to Microcomputing in Medicine. São Paulo: Brazilian Institute for Health Information, 96 pp., 1988 (in Portuguese).
- Course on Microinformatics to Healthcare Users. 168 pp, six editions, 1988-1993, Dataquest Informatics, Campinas, Brazil (in Portuguese).
- Applications of Artificial Neural Networks in the Support to Medical Decision Making. Associate Professorship Thesis, State University of Campinas, June 1993 (in Portuguese).
- História da Neurociência (History of Neuroscience). Yendis Editora, São Paulo, 2007 *In press* (in Portuguese) .
- Internet Research in Medicine and Health. Yendis Editora, São Paulo, 2007 *In press* (in Portuguese) .

Medicine and Biology

- [do Amaral CM, Di Domizio G, Tiziani V, Galhardi F, Buzzo CL, Rinco T, Kharmandayan P, Bueno MA, Bolzani N, Sabbatini RM, Lopes LD, Lopes PF, Paiva B, Paiva RM, Turchiari LA.](#) Gradual bone distraction in craniosynostosis. Preliminary results in seven cases. *Scand J Plast Reconstr Surg Hand Surg.* 1997 Mar;31(1):25-37. PMID: 9075285
- [Sabbatini RM.](#) Using neural networks for processing biologic signals. *MD Comput.* 1996 Mar-Apr;13(2):165-72. PMID: 8684280
- [Ortiz J, Ghefter CG, Silva CE, Sabbatini RM.](#) One-year mortality prognosis in heart failure: a neural network approach based on echocardiographic data.. *J Am Coll Cardiol.* 1995 Dec;26(7):1586-93. PMID:7594090
- [Tiziani V, Cintra ML, do Amaral CM, Sabbatini RM, Lima RP.](#) Lack of lymph node reaction to subcutaneously injected silicone gel: histological and computer aided morphometric study in rats. *Scand J Plast Reconstr Surg Hand Surg.* 1995 Dec;29(4):303-11. PMID: 8771256
- [Ortiz J, Sabbatini RM, Ghefter CG, Silva CE.](#) [Use of artificial neural networks in survival evaluation in heart failure] *Arq Bras Cardiol.* 1995 Jan;64(1):87-90. Portuguese. PMID: 7669018
- [Sabbatini RM, Ortiz J.](#) [Integrated computerization of a cardiology clinic] *Arq Bras Cardiol.* 1995 Jan;64(1):83-6. Portuguese. PMID: 7669017
- [Garcia-Cairasco N, Sabbatini RM.](#) Possible interaction between the inferior colliculus and the substantia nigra in audiogenic seizures in Wistar rats. *Physiol Behav.* 1991 Aug;50(2):421-7. PMID: 1745689
- [Garcia-Cairasco N, Sabbatini RM.](#) Neuroethological evaluation of audiogenic seizures in hemidetelencephalated rats. *Behav Brain Res.* 1989 May 1;33(1):65-77. PMID: 2736061
- [Marino-Neto J, Sabbatini RM.](#) A stereotaxic atlas for the telencephalon of the Siamese fighting fish (*Betta splendens*). *Braz J Med Biol Res.* 1988;21(5):971-86. PMID: 3073827
- [Peron JE, Fontes JC, Sabbatini RM.](#) Effects of previous REM sleep deprivation on the acquisition of different topographies of discriminated avoidance in the rat. *Braz J Med Biol Res.* 1985;18(3):381-9. PMID: 3835988
- [Marino-Neto, J, Sabbatini RM.](#) Discrete telencephalic lesions accelerate the habituation rate of behavioral arousal responses in Siamese fighting fish (*Betta splendens*). *Braz J Med Biol Res.* 1983 Oct;16(3):271-8. PMID: 6360269
- [Garcia-Cairasco N, Sabbatini RM.](#) Role of the substantia nigra in audiogenic seizures: a neuroethological analysis in the rat. *Braz J Med Biol Res.* 1983 Jul;16(2):171-83. PMID: 6686072
- [Sabbatini RM.](#) A head-mounted stereotaxic platform with movable electrodes for intracerebral exploration. *Braz J Med Biol Res.* 1982 Apr;15(1):65-71. PMID: 6758889

On-Line Neuroscience Papers

Papers

1. The PET Scan: A New Window Into the Brain. *"Brain & Mind" Magazine*, March/May 1997. [[In Portuguese](#)] [[In English](#)]

2. Phrenology: The History of Brain Localization. *"Brain & Mind" Magazine*, March/May 1997. [[In Portuguese](#)] [[In English](#)]
3. The History of Psychosurgery . *"Brain & Mind" Magazine* , June/August 1997. [[In Portuguese](#)] [[In English](#)]
4. Radiosurgery . *"Brain & Mind" Magazine* , June/August 1997. [[In Portuguese](#)] [[In English](#)]
5. Mapping the Brain . *"Brain & Mind" Magazine* , September/November 1997. [[In Portuguese](#)] [[In English](#)]
6. Sexual Disorders: 1. Sexual Impotence. *"Brain & Mind" Magazine*, September/November 1997 [[In Portuguese](#)] [[In English](#)]
7. The History of Shock Therapy in Psychiatry. *"Brain & Mind" Magazine*, December 1997/February 1998.[[In Portuguese](#)] [[In English](#)]
8. The Discovery of Bioelectricity . *Brain & Mind" Magazine*, June/August 1998.[[In Portuguese](#)] [[In English](#)]
9. Interdisciplinarity and the Study of Mind. *Brain & Mind" Magazine*, June/August 1998.[[In Portuguese](#)] [[In English](#)]
- 10.Night Terrors. *Brain & Mind" Magazine*, June/August 1998.[[In Portuguese](#)] [[In English](#)]
- 11.The Psychopat's Brain . *Brain & Mind Magazine*, September/November 1998. 9 [[In Portuguese](#) | [In English](#)]
- 12.The Mind, Artificial Intelligence and Emotions. Interview with Marvin Minsky. *Brain & Mind Magazine*, September/November 1998. 9 [[In Portuguese](#) | [In English](#)]
- 13.The Pleasure System, Drugs and Society. *Brain & Mind Magazine*, January/March 1999 [[In Portuguese](#) | [In English](#)]
- 14.The Use of Cocaine Causes Brain Lesions. *Brain & Mind Magazine*, January/March 1999. [[In Portuguese](#) | [In English](#)]
- 15.The Effects of Cocaine on the Brain. Graphical Animations. *Brain & Mind Magazine* , January/March 1999. [[In Portuguese](#) | [In English](#)]
- 16.The Action of Alcohol on the Brain. Graphical Animations. *Brain & Mind Magazine*, January/March 1999. [[In Portuguese](#) | [In English](#)]
- 17.Transcending the Tribal Mind. *Brain & Mind Magazine*, June/August 1999. [[In Portuguese](#) | [In English](#)]
- 18.How Nerve Cells Work I. *Brain & Mind Magazine*, June/August 1999 [[In Portuguese](#) | [In English](#)]
- 19.How Nerve Cells Work II. *Brain & Mind Magazine*, January/March 2000 [[In Portuguese](#) | [In English](#)]
- 20.Imitation of Life: The History of the First Robots. *Brain & Mind Magazine*, June/August 1999. [[In Portuguese](#) | [In English](#)]
- 21.Placebo Effect: The Power of the Sugar Pill.*Brain & Mind Magazine*, June/August 1999. [[In Portuguese](#) | [In English](#)]
- 22.What Is the Conditioned Reflex. *Brain & Mind Magazine*, June/August 1999. [[In Portuguese](#) | [In English](#)]
- 23.What Make us Singularly Humans? *Brain & Mind Magazine* , January/March 2000. [[In Portuguese](#) | [In English](#)]
- 24.Action of Alcohol in the Brain. *Brain & Mind Magazine* , January/March 2000. [[In Portuguese](#) | [In English](#)]
- 25.Learning and Changes in the Brain. *Brain & Mind Magazine*, October/December 2000. [[In Portuguese](#) | [In English](#)]
- 26.Are There Differences between the Brains of Males and Females? *Brain & Mind Magazine*, October/December 2000. [[In Portuguese](#) | [In English](#)]
- 27.Learning Who is Your Mother. The Behavior of Imprinting. *Brain & Mind Magazine*, 14: Nov.2001-March 2002 [[In Portuguese](#)] [[In English](#)]

28. The Evolution of Human Intelligence. *Brain & Mind Magazine*, 12 (February-May 2001) and 13 (August-November 2001) [[In Portuguese](#)] [[In English](#)]
29. Opinion: Mind and Disease. *Brain & Mind Magazine*, 13 (August-November 2001) [[In Portuguese](#)] [[In English](#)].
30. The Mind of a Suicide Terrorist. *Brain & Mind Magazine*, 14: Nov 2001-Mar 2002. [[In Portuguese](#)]
31. The Animal that Weeps. *Brain & Mind Magazine*, 16: Dez 2002-April 3003 [[In English](#)]
32. Epilepsy Affects Neural Circuits. *Brain & Mind Magazine*, 16, Dec 2002-May 2003 [[In English](#)].
33. Neurons and Synapses. The History of its Discovery. *Brain & Mind Magazine*, 17: March 2003 [[In English](#)] [[In Portuguese](#)]
34. Do Animals Think? *Brain & Mind Magazine*, 17: March 2003 [[In English](#)] [[In Portuguese](#)]

See also: Index of Biographies (Historical). *Brain & Mind Magazine* [[In Portuguese](#)] [[In English](#)]

1. [Paul Pierre Broca](#), French physician and anthropologist
2. [Harvey William Cushing](#), American neurosurgeon
3. [Franz Joseph Gall](#), German physician
4. [Victor A.H. Horsley](#), British neurosurgeon and physiologist
5. [Lars Leksell](#), Swedish neurosurgeon
6. [Cesare Lombroso](#), Italian physician
7. [Egas Moniz](#), Portuguese neurologist
8. [René Descartes](#), French philosopher and mathematician
9. [Thomas Willis](#), British anatomist and physiologist
10. [Ugo Cerletti](#), Italian neurologist
11. [Julius Wagner von Jauregg](#), Austrian neurologist
12. [Manfred Sakel](#), Polish neurologist
13. [Claude Bernard](#), French physiologist
14. [David Ferrier](#), British physiologist

On-Line Resources in Science

1. Resources on Biofeedback on the Internet. *Brain & Mind Magazine*, December 1997/February 1998 [[In Portuguese](#)] [[In English](#)]
2. Internet Resources on Chronobiology, Biological Clocks and Rhythms. *Brain & Mind Magazine*, December 1997/February 1998 [[In Portuguese](#)] [[In English](#)]
3. Internet Resources on Hypnotherapy. *Brain & Mind Magazine*, March/May 1997 [[In Portuguese](#)] [[In English](#)]
4. Internet Resources on Stress. *Brain & Mind Magazine*, September/November 1997 [[In Portuguese](#)] [[In English](#)]
5. Brazilian Catalog of Internet Resources in Medicine and Health. *Intermedic* [[In Portuguese](#)] [[In English](#)]
6. Cardiology on the Internet. *Intermedic*, July/August 1997 [[In Portuguese](#)] [[In English](#)]
7. Internet Resources on Alzheimer's Disease. *Intermedic*, September/October 1997 [[In Portuguese](#)] [[In English](#)]

See also:

1. Lists of Internet Resources on Neurosciences. *Brain & Mind Magazine* [[In Portuguese](#)] [[In English](#)]
2. MedLinks. A Selection of New Medical Resources. *Intermedic* [1\(1\) - Jul/Aug 97](#);

[1\(2\): Sep/Oct 97](#)

Publications in Health Informatics

[[Informática](#) | [Intermedic](#) | [Informática Médica](#) | [Médico Reporter](#) | [Check-Up](#) | [Prática Médica](#) | [Other publications](#) | [Editorials](#) | [Reviews](#)]

Informática Magazine (1993-1995)

See also the [Cumulative Table of Contents](#)

- [Realidade Virtual e Medicina](#)
- [Telemedicina: a Nova Revolução](#)
- [Hiperídia na Medicina](#)
- [O CD-ROM na Medicina](#)
- [O Computador no Processamento de Sinais em Medicina](#)
- [A Internet na Medicina](#)
- [A Internet na Medicina: Os Recursos](#)
- [O Centro de Informática Hospitalar](#)
- [MEDSARR: Um Sistema para a Informatização Clínica](#)
- [O Diagnóstico Médico por Computador](#)
- [Um Sistema Computadorizado para Apoio ao Diagnóstico em Esquizofrenia](#)
- [O Ensino da Informática Médica: Roteiros e Bibliografia Básica](#)
- [Aplicações da Multimídia no Ensino Médico](#)
- [Simulações Computadorizadas para o Ensino da Anestesiologia](#)
- [Aprendendo dBASE em Medicina](#)
- [Ética e Informática Médica](#)
- [Associações de Informática em Saúde](#)
- [Probabilidade de ocorrência de um infarto agudo do miocárdio](#)
- [RISCMAM: Um Software para Avaliação Quantitativa do Risco de Câncer de Mama](#)
- [PERSONA: Um Programa Para a Auto-Avaliação de Personalidade Tipo A/B](#)
- [Um Teste Computadorizado para Auto-Avaliação Rápida da Depressão Clínica](#)
- [Um Programa para o Cálculo da Acurácia, Especificidade e Sensibilidade de Testes Médicos](#)
- [Como montar uma rede de micros](#)
- [Como se especializar em Informática Médica](#)
- [Introduzindo o computador no ensino médico](#)
- [O que é o CD-ROM](#)
- [BBS médicos](#)
- [O que são redes neurais artificiais](#)
- [Como dimensionar o computador para o consultório](#)
- [Como escolher o melhor software para consultório](#)
- [Como informatizar o prontuário médico](#)
- [Como funciona o cartão inteligente](#)
- [Como proteger seu computador contra o ataque dos "hackers"](#)
- [O que é a estação de trabalho médica](#)

Intermedic Magazine (1997-1999)

See also the [Cumulative Table of Contents](#)

- [Procurando Informações Médicas na Internet.](#)
- [Pesquisa Bibliográfica na Internet.](#)
- [Como Tornar Conhecida Minha Home Page ?](#)

- [O que é uma Intranet ?](#).
- [Revistas eletrônicas na Internet](#)

Informática Médica Magazine (1998-1999)

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- [Internet em Medicina: Os Recursos](#)
- [Informática e a Medicina do Século 21](#)
- [Publicações Médicas na Internet](#)
- [Informatizando a Saúde Ocupacional](#)
- [Colocando Informação Médica na Internet](#)
- [Glossário da Internet](#)
- [Informatizando o Consultório](#)
- [História da Informática Médica no Brasil](#)
- [O Hospital Virtual Brasileiro](#)
- [Informática, Internet e a Indústria Farmacêutica](#)
- [Intranet: a Tecnologia da Internet em uma Rede Local](#)
- [Realidade Virtual na Ensino Médico](#)
- [Tecnologias de Informação e o Hospital Moderno](#)
- [Email confidencial](#)
- [Digitalizando imagens](#)
- [Escolhendo um Provedor Internet](#)
- [Procurando Software na Internet](#)
- [Evitando o Virus de Macro](#)
- [Consultório Portátil](#)
- [O ECG no Computador](#)
- [Um Servidor Próprio](#)
- [Estudando Informática](#)

Médico Reporter Magazine (1998-2001)

- [O Paciente no Computador](#), 1(1): 20-22, novembro de 1998.
- [Educação Médica Continuada pela Internet](#), 1(2): 20-22, dezembro de 1998.
- [Telemedicina: A Assistência à Distância](#), 2(3), fevereiro de 1999
- [Revistas Médicas na Rede: A Nova Forma de se Atualizar](#), 2(4):20-22, maio de 1999.
- [Farmácia Eletrônica: os Medicamentos no Computador](#), 2(5): 20-22, junho de 1999.
- [O Prontuário Médico de Bolso](#), 2(6): 20-22, julho de 1999.
- [Os Robôs Chegam à Sala Cirúrgica](#), 2(7): 18-20, setembro de 1999.
- [Os Médicos, os Pacientes e a Internet](#), 2(8): 23-25, outubro de 1999.
- [O Comércio On-Line Chega à Medicina](#), 2(9): outubro de 1999.
- [A Ciência Nunca Mais Será a Mesma](#), 2(13), 20-22, fevereiro de 2000.
- [O Futuro da Internet Médica](#) 2(15): 22-24, abril de 2000
- [Utilizando Teleconferência em Medicina](#), 2(16), 22-24, junho de 2000.
- [Educação Continuada e a Internet](#), p. 64-65, agosto de 2001.
- [Diretrizes Clínicas na Internet](#), p.64, junho de 2001.
- [O Crescimento do Conhecimento Médico On-Line](#), p. 64-65, julho de 2001.
- [Avaliando a Qualidade dos Sites Médicos](#), p. 64-66, maio 2001.

Check-Up Magazine (1999-2003)

- [Uma Revolução Feita de Imagens](#), No. 06, fevereiro de 1999.

- [Conversa na Rede: Os "Chats" Médicos](#), No. 07, março de 1999.
- [Vídeos Médicos: Passando no Computador Mais Próximo](#), No. 08, abril de 1999.
- [Usando a Realidade Virtual na Medicina](#), No. 09: maio de 1999.
- [Livros Médicos Eletrônicos](#), No. 10, junho de 1999.
- [Um Computador Médico](#), No. 11: julho de 1999.
- [Preservando a confidencialidade médica na Internet](#), No. 14. agosto de 2000.
- [Os congressos virtuais estão chegando](#), No. 15: setembro 2000.
- [Segunda opinião médica e a Internet](#), No. 16: outubro 2000.
- [Medical Call Center: a saúde pelo telefone](#), No. 12, setembro de 1999.
- [A Informática no Hospital Moderno](#), No. 17: 2001
- [Banda Larga: A Internet à toda](#), No. 18: 2001
- [Ética e Qualidade da Informação Médica na Internet](#), No. 19, 2001
- [Usando a Internet Profissionalmente](#), No. 20, 2001
- [A Internet na Decisão Médica](#), No. 21, 2001
- [Prescrição de Internet](#), No. 22. 2002
- [Informática, Internet e o Novo Ensino Médico](#), No. 23, 2002
- [Computadores de Mão: O Futuro da Medicina?](#) No. 24, 2002
- [A TV na Internet a Serviço da Medicina](#), No. 25, 2003
- [O Futuro do Telefone Celular](#), No. 26, 2003.
- [Os Sites Médicos Profissionalizam-se](#), No. 28. 2003

Prática Médica Magazine (1999)

- [A Revolução da Internet na Medicina](#), 1(1), julho de 1999.

Other Publications

- [Tomografia PET: Uma Nova Janela para o Cérebro](#). Revista "Cérebro & Mente" 1(1), Mar/Mai 1997.
- [Mapeando o Cérebro](#). Revista "Cérebro & Mente" 1(3), Set/Nov 1997.
- [A Mente, a Inteligência Artificial e as Emoções](#) (Entrevista com Marvin Minsky). Revista "Cérebro & Mente, 2(9), Set/Nov 1998.
- [Odontologia na Internet](#) Revista *Odonto Medley*, abril/maio 1999.

Editorials

- [Computar É Preciso](#). Revista *Informédica* 1(1):5, Mar/Abr 1993
- [Derrubando as Torres de Marfim](#). Revista *Informédica* 1(2):5, Mai/Jun 1993
- [Uma Nova Era na Medicina](#). Revista *Informédica* 1(3):5, Jul/Ago 1993
- [O Papel da Universidade](#). Revista *Informédica* 1(4):5, Set/Out 1993
- [Fome de Informação](#). Revista *Informédica* 1(5):5, Nov/Dez 1993
- [Progressos a Serem Imitados](#). Revista *Informédica* 2(1):5, Jan/Fev 1994
- [Computador é Luxo?](#). Revista *Informédica* 2(2):5, Mar/Abr 1994
- [Padronizar ou Morrer](#). Revista *Informédica* 2(3):5, Mai/Jun 1994
- [Informática e a profissão médica](#). Revista *Informédica* 2(4):5, Jul/Ago 1994
- [A qualidade do software médico](#). Revista *Informédica* 2(5):5, Set/Out 1994
- [Publicar É Preciso](#). Revista *Informédica* 2(6):5, Nov/Dez 1994
- [Ética e Informática Médica](#). Revista *Informédica* 3(1):5, Jan/Fev 1995
- [Informática para o Paciente](#). Revista *Informédica* 3(2):5, Mar/Abr 1995
- [A Internet Chega aos Médicos](#). Revista *Informédica* 3(3):5, Mai/Jun 1995
- [Informática: Uma Especialidade Médica](#). Revista *Informédica* 3(4):5, Jul/Ago 1995
- [Saúde e Tecnologia](#). Revista *Informédica* 3(5):5, Set/Out 1995
- [Informação para o Paciente](#). Revista *Informática Médica* 1(1):4, Jan/Fev 1998.

- [Quantidade versus Qualidade](#). *Revista Informática Médica* 1(2):4, Mar/Abr 1998.
- [Internet e Educação Médica](#). *Revista Informática Médica* 1(3):4, Mai/Jun 1998.
- [A Explosão da Informação](#). *Revista Informática Médica* 1(4):4, Jul/Ago 1998.
- [A Inteligência Invisível](#). *Revista Informática Médica* 1(5):4, Set/Out 1998.
- [Informática e Sociedade](#). *Revista Informática Médica* 1(6):4, Nov/Dez 1998.
- [Porque Usar Informática?](#). *Revista Informática Médica* 2(1):4, Jan/Fev 1999.
- [A Revolução no Ensino](#). *Revista Informática Médica*, março/abril de 1999.
- [A Bioinformática Chegou](#), *Revista Informática Médica* 2(3), maio/junho de 1999.
- [A Hora e a Vez da Internet](#).. *Revista Intermedic* 1(1), Jul/Ago 1997
- [O Preço da Informação](#).. *Revista Intermedic*, 1(2), Set/Out 1997
- [Medicina Virtual e Ética](#). *Revista Intermedic*, 1(3), Nov/Dez 1997.

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See also the [General Index](#)

- [Informática e Biologia](#) . . *Correio Popular*, 12/08/93.
- [O médico portátil](#) . . *Correio Popular*, Caderno de Informática, 18/04/95.
- [Redes que salvam](#) . . *Correio Popular*, Caderno de Informática, 29/08/95.
- [A telemedicina no campo](#) , . *Correio Popular*, Caderno de Informática, 11/2/96.
- [O Hospital Virtual](#) . . *Correio Popular*, Caderno de Informática, 21/5/96.
- [Corações à distância](#). . *Correio Popular*, Caderno de Informática, 3/09/96.
- [Conexões cerebrais](#) . . *Correio Popular*, Caderno de Informática, 17/12/96.
- [Saúde na rede](#) . . *Correio Popular*, 21/03/97.
- [Uma revolução cultural](#). . *Correio Popular*, Caderno de Informática, 24/6/97.
- [Cibermedicina](#) . . *Correio Popular*, Caderno de Informática, 26/05/97
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- [Computadores, cérebro e música](#). . *Correio Popular*, Caderno de Informática, 6/10/98.
- [Bioinformática: a profissão do futuro](#). . *Correio Popular*, Caderno Cosmo, 01/05/99.
- [O Y2K ataca a medicina](#) . , *Correio Popular*, Caderno Cosmo, 12/6/99.
- [Educando Médicos pela Internet](#). , *Correio Popular*. Caderno Cosmo, 27/9/99.
- [A telemedicina chegou](#) , *Correio Popular*. Caderno Cosmo, 3/12/99.
- [Procurando um médico... na Internet](#) . . *Correio Popular*, Caderno Cosmo, 7/1/2000.
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Reviews of Books, Sites and Software

- [IMIA Yearbook of Medical Informatics 1993](#) *Revista Informédica* 1(1), Jan/Fev 1993
- [Como Simplificar a Informatização de uma Sala de Parto](#) *Revista Informédica* 1(1), Jan/Fev 1993
- [Liberando a Mente: Computadores na Educação Especial](#) *Revista Informédica* 1(1), Jan/Fev 1993
- [The Computational Brain](#) *Revista Informédica* 1(1), Jan/Fev 1993
- [Handbook of Medical Informatics](#) Van Bemmel, J.H. & Mark Musen (Eds.) *Revista*

- *Informática Médica* 1(1), Jan/Fev 1998
- [1996 IMIA Yearbook of Medical Informatics](#) Van Bommel, J.H. & McCray, A.T. (Eds). *Revista Informática Médica* 1(2), Mar/Abr 1998
- [Cybermedicine: How Computing Empowers Doctors and Patients for Better Health Care](#) Warner Slack. *Revista Informática Médica* 1(3), Mai/Jun 1998
- [NetDoctor: Your Guide to Health and Medical Advice on the Internet and Online Services](#) Michael Wolff. *Revista Informática Médica* 1(4), Jul/Ago 1998
- [Introduction to Clinical Informatics](#) Patrice Degoulet & Mario Fieschi. *Revista Informática Médica* 1(5), Set/Out 1998
- [Health, Information Society and Developing Countries](#) M. Sosa-Iudicissa, J. Levett, S. Mandil e P.F. Beales. *Revista Informática Médica* 1(6), Nov/Dez 1998
- [Telemedicine: A Guide to Assessing Telecommunications in Health Care](#) Marilyn J. Field. *Revista Informática Médica* 2(2), Fev/Mar 1999
- [Internet y Medicina](#) Luis G. Pareras. *Revista Intermedic*, 1(1), Jul/Ago 1997
- [Internet, Telematics and Health](#) Iudicissa-Sosa, M., Oliveri, N., Gamboa, C. e Roberts, J.. *Revista Intermedic* 1(2), Set/Out 1997
- [A Guide to Medical Informatics, the Internet and Medicine](#) Enrico Coiera. *Revista Intermedic* 1(3), Nov/Dez 1998.
- [BodyWorks em CD-ROM](#) *Revista Informédica* 1(1), Jan/Fev 1993
- [Atlas Fotográfico de Anatomia Humana](#) *Revista Informédica* 1(1), Jan/Fev 1993
- [PointCast](#) *Revista Intermedic* 1(2), Set/Out 1997
- [WebWacker](#) *Revista Intermedic* 1(1), Jul/Ago 1997
- [WebFerret](#) *Revista Intermedic* 1(3), Nov/Dez 1997.
- [Health on the Net](#) *Revista Intermedic* 1(1), Jul/Ago 1997
- [HSTAT \(National Library of Medicine\)](#). *Revista Intermedic* 1(2), Set/Out 1997
- [MedScape](#) *Revista Intermedic* 1(3), Nov/Dez 1997.

Blog Postings

In Portuguese

- [Telemedicine advances in Brazil](#)
- [30 ideas that illuminated science](#)
- [When irrationality triumphs](#)
- [A PC in 1949](#)
- [Why all female singers are beautiful?](#)
- [Free wireless networks: delights and dangers](#)
- [Are atheists bad persons?](#)
- [Educating teachers at a distance](#)
- [Orphan diseases and medical research](#)
- [The quality of medical education in Brazil](#)
- [Physics according to Hollywood](#)
- [Less engineers](#)
- [Why universities are firing doctors](#)

Sites & Projects

Creation of Institutional Sites

- [Brazilian Virtual Hospital](#), Created by the Center for Biomedical Informatics of the State University of Campinas (presently hosted by the Edumed Institute)

- [e*pub: Electronic Publications for Medicine, Biology and Health Group](#), Created by the Center for Biomedical Informatics of the State University of Campinas. (presently hosted by the Edumed Institute)
- Visible Human Project - South American Database Mirror, in collaboration with the US National Library of Medicine. Created by the Center for Biomedical Informatics of the State University of Campinas.
- Federation for Latin America and the Caribbean of the International Medical Informatics Association
- [The Edumed Institute](#)
- [Center for Videoconference of Campinas](#)
- [e-University e-learning Service Provider](#)
- [Brazilian Society of Skeptics and Rationalists](#)
- [Telemedicina.org.br](#)
- [InformaticaMedica.org.br](#)
- [Talking About Technology](#)

Creation of Electronic Publications

- [NIBNews](#): Email Newsletter on Medical Informatics (1993)
- [Informédica](#): a Magazine on Informatics for Physicians (1994)
- The On-Line Journal of Plastic and Reconstructive Surgery (1995-2003)
- The On-Line Journal of Dentistry and Oral Medicine (1997-2003)
- [Informática Médica](#): a Magazine on Informatics for Physicians (1997) - a continuation of [Informédica Magazine](#)
- [Brain & Mind Magazine](#), with Dr. Silvia Helena Cardoso (1997-2005)
- [Intermedic](#): a Journal on Internet and Medicine (1998-2003)

Special Sites

- [Homeopathy Works ?](#) (in Portuguese)
- [Acupuncture Works ?](#) (in Portuguese)
- [Distance Education Using the Internet](#)
- [WWW-Based Laboratory Simulation in Medicine and Biology Using Distributed Execution](#)
- [The Brazilian Catalog of Internet Resources on Medicine and Health](#)

Multimedia & Presentations

On-Line Slide Presentations

- [The Latin American Scientific Expert Panel](#). NIR 2008: VI Non Ionizing Radiation Symposium of the International Commission of Non Ionizing Radiation Protection, Rio de Janeiro, RJ, Brazil, Oct 2008 (PDF, in English).
- [As 10 tecnologias mais promissoras no futuro](#) (The 10 Most Promising Future Technologies). CONIP Judiciário, 2007. (in PDF, Portuguese)
- [Educação a Distância em Saúde](#) (Distance Education in Health). Brazilian Distance Education Association (PPS - In Portuguese)
- [Educação a Distância em Saúde. Experiência Prática e Novas Tecnologias](#) (Distance Education in Health. Practical Experience and New Technologies). Computer Center, State University of Campinas (ZIP/PPT - In Portuguese)
- [Aboriginal Telehealth in Brazil](#). Presentation at the Ministry of Health, Government of Canada, October 2004 (PDF, in English).

- [Renda e Educação no Brasil](#) (Income and Education in Brazil). Edumed Institute, 2006 (PDF, in Portuguese).
- [E-Saúde no Brasil](#) (e-Health in Brazil). National Conference on Public Informatics, 2006 (PDF, in Portuguese).
- [Educação a Distância em Oncologia](#) (Distance Education in Oncology). I International Workshop on Digital Health and I Seminar on Telehealth in Oncology. Laboratory of Integrated Systems, University of São Paulo (PDF - In Portuguese).
- [Radiofrequências de Baixa Intensidade e Saúde Humana](#) [Low-Intensity Radiofrequency and Health]. Federal Chamber of Deputies, Committee of Science, Technology and Communications (PPS - In Portuguese)
- [Telemedicina, Internet e Interatividade Digital](#) (Telemedicine, Internet and Digital Interactivity). Brazilian Congress of Telemedicine (PPT, in Portuguese)
- [Analfabetismo Científico](#) (Scientific Illiteracy). Brazilian Society of Skeptics and Rationalists, September 2007 (PDF, in Portuguese)
- [Tecnologias de Interatividade na Educação](#) (Interactivity Technologies in Education). Edumed Institute, October 2007 (PDF, in Portuguese)
- [Informatização em Saúde e Telemedicina: Cenários para o Futuro](#) (Informatization in Health and Telemedicine. Scenarios for the Future. Perspectives of Information Society in Brazil. Getúlio Vargas Foundation of São Paulo, 2006 (PDF, in Portuguese)
- [Telehealth in Brazil: Current Status and Perspectives](#). Canadian Conference on Telehealth, 2004 (PDF, in English)
- [Pós-Graduação e Educação Continuada em Saúde](#). (Post-Graduation and Continued Education in Health). American Chamber of Commerce of Campinas. Information Technology Interest Group (HTML, in Portuguese).
- [A Health Infostructure for the Americas](#). Roundtable on Health, II Summit of Americas, Chile, Santiago, 17 April 1998 (HTML, in English).
- [Health Market in South America. Opportunities for Business](#). Harvard Business Club, Boston, MA, December 1999 (HTML, in English).
- [Ethical and Legal Issues in Internetable Health Care Across Borders](#). AMIA Annual Conference, Memphis, USA, November 1997 (HTML, in English).
- [The South American "Visible Human" Mirror Site](#). II Visible Human Conference of the Milan Mirror Site, February 1999 (HTML, in English).
- [Information Technology and its Impact on Health Research and Education](#), Forsyth Institute, Harvard Medical School, Boston, MA, USA, December 16th, 1999 (HTML, in English)
- [O Impacto da Internet na Disseminação da Informação Científica e na Potencialização da Inovação Tecnológica no Brasil](#) (The Impacto of Internet on the Dissemination of Scientific Information and Leveraging of Technological Innovation in Brazil). Inova Campinas, 2002 (PDF, in Portuguese)
- [O Impacto da Informática nas Neurociências](#) (The Impacto of Informatics on Neurosciences), The Miguel R. Covian Symposium, School of Medicine of Ribeirão Preto, University of São Paulo, Ribeirão Preto, May 2003 (PDF, in Portuguese).
- [Gestão das Tecnologias da Informação em Saúde: Novas Tecnologias e Novos Rumos](#) (Information Technology Management in Health. New Technologies, New Ways). First Conference on TI Systems Management, Campinas, 2003.
- [Perspectivas Profissionais na Informática Biomédica. Como ser um líder em sua profissão](#) (Professional Perspectives in Biomedical Informatics. How to Be a Leader in Your Profession). Inaugural Class of Biomedical Informatics, University of São Paulo at Ribeirão Preto, February 2005 (PDF, in Portuguese).

On-Line Videos

- [Distance Education in Health. Practical Experience and New Technologies.](#) Computer Center, State University of Campinas (Real Video, 52 min, in Portuguese)

On-Line Audios

- [Podcast Interview: the impact of mobile phone access for use in emergency situations.](#) Mobile Manufacturer's Forum, November, 2008 (MP3, 20.3 MB)

Business and Technical Consultant

Health Information Technology and Education

Dr. Sabbatini is a high level consultant who helps national and international private companies, philanthropic, research or higher education institutions wishing to survey, understand or enter the Latin American markets in the fields of education, distance education, health information technologies, e-health, publishing, research, telehealth products or services, medical services, etc., including services to locate and evaluate sources of funding and investment, write business plans and strategies, coordinate R&D, innovation and deployment.

He is specialized in opening up high level business opportunities, developing large projects and partnerships with medical, research and educational organizations, both governmental and non-governmental, by working directly at CEO and ministerial levels. Dr. Sabbatini has a deep knowledge of the local markets (Brazil, Argentina and Uruguay), as well as extensive professional experience and personal networking, high profile and credibility.

He stands among the very early and most active pioneers in Latin America and Brazil in research, education and business in the areas of health informatics, telemedicine, e-learning and distance education, e-publications and e-health portals; and has also pursued a parallel career as an consultant in the editorial and software businesses, helped to found several companies.

Important Clients

International

- [Interamerican Development Bank](#)
- [World Health Organization](#)
- [Pan American Health Organization](#)
- [Mobile Manufacturers Forum](#)
- [USA National Library of Medicine](#)
- [Ministry of Health of Uruguay](#)
- [Secretaria Nacional de Telecomunicaciones de Uruguay](#)
- [Universidad de la República \(Uruguay\)](#)

National

- **Educational Institutions**
 - [Microlins Escola Profissional](#)
- [Universidade Bandeirante de São Paulo](#)

- [Universidade Federal do Ceará](#)
- [Universidade Federal de Santa Catarina](#)
- [Pontifícia Universidade Católica de Campinas](#)
- [Anhangüera Educacional SA](#)
- [Faculdades Integradas Metropolitanas de Campinas](#)
- [Universidade Paulista](#)
- [Family Health School of Sobral](#)
- [Public Health School of Ceará](#)
- [Fundação A.C. Vanzolini](#)
- **Research Institutions**
 - [Embratel Institute](#)
- [Domingos A. Boldrini Research Institute](#)
- [Eldorado Research Institute](#)
- [Instituto Universidade-Empresa](#)
- [Research Center Renato Archer](#)
- **Societies and Associations**
 - [Associação Médica Brasileira](#)
- [Conselho Federal de Medicina](#)
- [Associação Nacional de Medicina do Trabalho](#)
- [Sociedade Brasileira de Oncologia Pediátrica](#)
- [Sociedade Brasileira de Cirurgia de Cabeça e Pescoço](#)
- [Associação Brasileira de Leucemia e Linfoma](#)
- [Associação das Operadoras de Telefonia Celular](#)
- [Associação Paulista de Cirurgiões Dentistas](#)
- [Associação Paulista de Medicina](#)
- [Sociedade de Cardiologia do Estado de São Paulo](#)
- **Editorial Industry**
 - [Abril Cultural](#)
- [Editora Três](#)
- **Government and Grant Agencies**
 - [Brazilian Ministry of Health](#)
- [São Paulo State Research Foundation \(FAPESP\)](#)
- [Conselho Nacional de Desenvolvimento Científico e Tecnológico \(CNPq\)](#)
- [National Research and Education Network](#)
- [Municipal Government of Barueri](#)
- [Municipal Government of Taboão da Serra](#)
- [Municipal Government of Tarumã](#)
- [Municipal Government of Resende](#)
- **Electroelectronic and Computing Industries**
 - [Itautec SA](#)
- [Aethra, Inc.](#)
- [Motorola Brazil](#)
- [Alcatel Brazil](#)
- [Next Tecnologias e Sistemas](#)
- [TES Sistemas](#)
- [Metron Computadores](#)
- [IBM do Brasil](#)
- [Olivetti do Brasil](#)
- [URMET Daruma](#)
- **Telecommunication Operators**
 - [Claro](#)
- [TIM](#)

- [Embratel](#)
- [COMSAT](#)
- [CTBC](#)
- **Pharmaceutical Industries**
 - [Astra Zeneca](#)
- [Medley Farma](#)
- [Pfizer Farma Brazil](#)
- [Eurofarma](#)
- [Biosintetica](#)
- [Novartis](#)
- [Rhodia \(Rhone-Poulenc Brasil\)](#)
- **Hospitals, Clinics and Laboratories**
 - [Hospital Professor Edmundo Vasconcelos](#)
- [Hospital A.C. Camargo](#)
- [Instituto Nacional do Câncer](#)
- [Brazilian Society of Craniofacial Rehabilitation \(SOBRAPAR\)](#)
- [Omni-CCNI Diagnostics](#)
- [Unimed Nacional](#)
- [Associação de Apoio à Criança Deficiente de São Paulo](#)
- **Other**
 - [Profsat Tecnologia e Educação](#)
- [Informática Municípios Associados \(IMA\)](#)
- [Pharmadviser](#)
- [Dendrite](#)
- [ConnectMed](#)
- [MedCenter Brasil](#)
- [Graber Segurança](#)
- [Next Saúde](#)
- [Trakhealth do Brasil](#)

Entrepreneurial Activities

Creation of Scientific Groups

- 2000- Created and directes the [Edumed Institute for Education in Medicine and Health](#) and the Edumed.net Consortium (National Consortium for Distance Education in Medicine and Health and Telemedicine).
- 1988-2003 Created and directs the Chair of Medical Informatics of the Medical School, State University of Campinas.
- 1983-2003 Created and directed the [Center of Biomedical Informatics](#) of the State University of Campinas, in Campinas, Sao Paulo, Brazil; a pioneering interdisciplinary research center.
- 1973-1983 Created and directed the [Laboratory of Neuroethology](#) at the Department of Physiology of the Medical School of Ribeirao Preto, University of Sao Paulo, Brazil; the first of its kind in Latin America.

Creation of Private Companies

Dr. Sabbatini was or is a partner and director in the following private companies:

- [Edulogica Education & Technology](#), a company specializing in technical consultancy, hardware, software and services in the fields of information technology

- and telecommunications applied to education and health (2003-present)
- Webpraxis International, a company specializing in internet and web services and sites development, technical translation of sites and documents, technical courses, etc. (1997-present)
- Member of the Board of Trustees, Academic Projects, of Itautec Informatics Corp., the largest Brazilian industry of computers (1985-1989)
- Partner of Dataquest Informatica Ltd. (a consultancy firm) (1987-1993).
- Partner of CCNI Consultancy & Projects (a consultancy and medical software firm) (1993-2000).

Teaching

Undergraduate

- MD-001: Introduction to Medical Informatics
- MD-003: Applications of Informatics to Medicine
- [MD-412](#): Introduction to Medical Genetics. Biostatistics Module

Graduate

- FM-991: Introduction to Microinformatics for Health Care Users
- FM-992: Applications of Artificial Intelligence in Medicine
- FM-993: Applications of Informatics in Medical Education
- Information Sources in Science & Technology

Extension/Specialization

- Summer Course on Medical Informatics Education
- Scientific Methodology in Medical Informatics
- [Specialization in Behavioral Neuroscience](#) (in preparation)
- [Specialization in Health Informatics and Telehealth](#) (in preparation)
- [Specialization in Scientific Journalism](#) (in preparation)
- Specialization in Distance Education Technologies (in preparation)
- Advanced PowerPoint for Occupational Health)
- Practical Course on Audio and Video Applications for the Internet
- Intensive Course on Statistical Analysis Using EPI-INFO
- Course on Introduction to Scientific Research in Medicine
- Videoconference Applications in Telemedicine
- Using Computers and the Internet in Distance Teaching and Learning

On-Line

- [Internet for Health Care Professionals](#). Fundação Oswaldo Cruz.
- [Introduction to the History of Neurosciences](#)
- [Neurology and Great Historical Personalities](#)
- [Introduction to Distance Education](#)
- [Videoconferencing in the Hospital](#)
- [Virtual Reality in Medicine](#)
- [Introduction to Biostatistics in Clinical Research](#)
- [Non-Ionizing Electromagnetic Fields and Human Health](#)
- [Scientific Updating on Health Informatics](#)
- [Advanced Internet and Bibliographical Search in Health](#)

Educational Lectures

- [Distance Education in Health. Practical Experience and New Technologies.](#)
Computer Center, State University of Campinas
- [Advantages and Benefits of Distance Education Technologies in Higher Education Institutions \(in Portuguese\)](#)

Former Students

Medical Informatics

[Paulo Marcondes Carvalho Jr.](#), Physician, MSc and PhD Program in Biomedical Engineering, School of Electric Engineering, State University of Campinas.

Email: paulo@famema.br

MSc Research project: [Hypercase: A computer-based system for the planning and development of hypermedia systems in the biomedical area](#)

PhD Research project: [A model for using information technology in the support of problem-based teaching/learning processes in the medical course: development and evaluation](#)

[Cláudio Giulliano Alves da Costa](#), Physician, MSc Program in Biomedical Sciences, Faculty of Medical Sciences, State University of Campinas. Email: claudio@ecosbr.com

Research project: [Development and Technical Evaluation of a Medical Record System Based on the World Wide Web and Software Engineering Paradigms](#)

[Maria Lúcia Azevedo Botelho](#), MSc, System Analyst, PhD Program in Biomedical Engineering, School of Electric and Computing Engineering, State University of Campinas

Email: mlbotelho@terra.com.br

Research project: Neural Networks for Medical Decision Support through the Internet on Brain Trauma.

[Marcelo Sabbatini](#), Chemical Engineer, MSc Program in Scientific Communication, Methodist University of São Paulo.

Email: marcelo@sabbatini.com

Research project: Standards and trends in scientific electronic publishing

[Andréa Karla de Lima Alves](#), Nutritionist, MSc Program in Biomedical Sciences, Faculty of Medical Sciences, State University of Campinas.

Research Project: [A Web-Based System for Decision Support System for Nutrition of Phenylketonuria Patients: \[Abstract\]](#) Project site: [FenilBrasil](#)

[Roberto Fonseca Zepka](#). Biologist. MSc Program in Physiology, Institute of Biology, State University of Campinas

Email: Roberto.Zepka@neuroinformatik.ruhr-uni-bochum.de MSc Research Project: [A quantitative study of the preconvulsive phase of the audiogenic crisis in the rat. \[Abstract\]](#).

[Paulo Felipe Jr.](#) Physician, MSc Program in Biomedical Engineering, School of Electric Engineering, State University of Campinas.

MSc Research Project: Application of artificial neural networks in the prediction of mortality in an Intensive Care Unit

[Goytá Villela Jr.](#) Physician, MSc Program in Biomedical Engineering, School of Electric Engineering, State University of Campinas.

MSc Resarch Project: Development of an authoring system for clinical simulations based on event programming.

[Raul Neder Porrelli](#). Physician, MSc Program in Biomedical Engineering, School of

Electric Engineering, State University of Campinas.

Research Project: Models for the prediction of tertiary structure in proteins

Jaime de Oliveira Ilha, Physician, MSc Program, Computer Sciences Institute, Federal University of Rio Grande do Sul

Mônica Gonçalves Macedo, Sociologist, MSc Program, Social Communication, Methodist University of São Paulo

Valdenize Tiziani, Biologist, MSc Program, Faculty of Medical Sciences of the State University of Campinas

Tárcio Fábio Ramos de Carvalho. Physician. MD Program, Faculty of Medical Sciences of the State University of Campinas .

Research project: Computerized diagnostic system for schizophrenia

Josie Iyeyasu. Physician, Medical Residence Program in Ophthalmology, Clinics Hospital of the State University of Campinas.

Research project: Utilization of the Internet for Discussion of Clinical Cases on Strabism as a Support to Learning in Ophthalmology.

[Project site](#).

Neuroscience

Norberto Garcia Cairasco, biologist, MSc and PhD in neurophysiology of behavior, Dept. of Physiology, Medical School of Ribeirão Preto of the University of São Paulo

José Marino Neto, , biologist, MSc and PhD in neurophysiology of behavior, Dept. of Physiology, Medical School of Ribeirão Preto of the University of São Paulo

Research project: Neuroethological analysis of the behavior of Siamese fighting fish (*Betta splendens*): Development and application of a method in a study of the behavioral effects of CNS lesions (1983).

José Eduardo Peron, biologist, MSc in neurophysiology of behavior, Dept. of Physiology, Medical School of Ribeirão Preto of the University of São Paulo

Aldo Bolten Lucion, biologist, Msc and PhD in neurophysiology of behavior, Dept. of Physiology, Medical School of Ribeirão Preto of the University of São Paulo (co-supervision with Miguel Rolando Covian)

Affiliations to learned societies

- [Brazilian Society of Physiology](#), member and Secretary General (1982-1985)
- [Brazilian Society for Health Informatics](#), founding member, vice-president (1986-1988), president (1988-1990) and secretary (1993-1995)
- [Brazilian Medical Association](#), director of informatics
- [Brazilian Association of Distance Education](#), member and director of Campinas Chapter
- [Brazilian Society for the Advancement of Science](#)
- [Brazilian Association of Biological Psychiatry](#), director of informatics
- [American Medical Informatics Association](#)
- [American Telemedicine Association](#)

Awards and Prizes

- 1992 Award of the Brazilian National Research Council (CNPq), as the Best Science Popularizer (Prêmio José Reis de Divulgação Científica)
- 1981 "Principe de Asturias" Prize for Best Paper on Epilepsy Research, Madrid, Spain

Distinctions

- Patron of the 2007 Class of Bachelors in Biomedical Informatics, Faculty of Philosophy, Science and Letters of Ribeirão Preto of the University of São Paulo
- 2007 List of the Best 50 Innovators in High Technology in Brazil. Info Exame Magazine. 2007.
- Patron of the 1992 Class of System Analysis, Pontifical Catholic University of Campinas.