CURRICULUM VITAE

Name: Christian Tschudi, Ph.D.

Present position: Professor of Epidemiology (Microbial Diseases)
Yale School of Public Health

Born: January 12, 1954, Glarus, Switzerland

Education: A.B., University of Basel, Basel, Switzerland, 1978
Ph.D., University of Basel, Basel, Switzerland, 1982

Career:

1982-1984	Post-doctoral Fellow, Department of Internal Medicine, Yale University School of Medicine, New Haven, CT
1984-1985	Post-doctoral Associate, Department of Internal Medicine, Yale University School of Medicine, New Haven, CT
1985-1991	Associate Research Scientist, Yale MacArthur Center for Molecular Parasitology, Department of Internal Medicine, Yale University School of Medicine, New Haven, CT
1991-1992	Research Scientist, Yale MacArthur Center for Molecular Parasitology Department of Internal Medicine, Yale University School of Medicine, New Haven, CT
1992-1997	Research Scientist, Section of Infectious Diseases, Department of Internal Medicine, Yale University School of Medicine
1997-2003	Assistant Professor, Section of Infectious Diseases, Department of Internal Medicine, Yale University School of Medicine
2001-2003	Assistant Professor, Division of Epidemiology of Microbial Diseases, Department of Epidemiology & Public Health, Yale University School of Medicine
2003-2006	Associate Professor, Division of Epidemiology of Microbial Diseases, Department of Epidemiology & Public Health, Yale University School of Medicine
2003-2006	Associate Professor, Section of Infectious Diseases, Department of Internal Medicine, Yale University School of Medicine
2006-2011	Associate Professor without term, Division of Epidemiology of Microbial Diseases, Department of Epidemiology & Public Health, Yale University School of Medicine
2008-	Director of Graduate Studies, School of Public Health, Yale University
2011-	Professor, School of Public Health, Yale University

Professional Honors or Recognition:

1978-1982	Swiss National Science Foundation Pre-doctoral Fellowship
1981-1982	European Molecular Biology Laboratory Pre-doctoral Fellowship
1982-1983	James Hudson Brown-Alexander B. Coxe Fellowship
1984-1989	Research Project Award in Parasitology and Tropical Medicine, MacArthur Foundation
2000-2003	Burroughs Wellcome Fund New Investigator Award in Molecular Parasitology

Professional Services:

1996-1997	Instructor, Biology of Parasitism Course, Marine Biological Laboratory in Woods Hole, MA
1998	Member of the NIH study section for Tropical Disease Research Units (TDRU)
1998-2002	Director of the Biology of Parasitism Course at the Marine Biological Laboratory in Woods Hole, MA
2004	Ad hoc member of the NIH study section for Pathogenic Eukaryotes
2007-	Editorial Board, Molecular and Biochemical Parasitology
2009-	Associate Editor, PLoS Neglected Tropical Diseases
2009	NIH Special Emphasis Panel (ZRG1 IDM S 02) Topics in Microbiology
2010	NIH Special Emphasis Panel (ZRG1 IDM-B 02) Pathogens and endosymbionts
2011-	Associate Editor PLoS ONE
2011	Ad hoc member of the NIH study section for Pathogenic Eukaryotes
2011	Co-organizer of the International Kinetoplastid Molecular Cell Biology Meeting at the Marine Biological Laboratory in Woods Hole, MA
2011-	Member of the NIH study section for Pathogenic Eukaryotes
2013-	Organizer of the International Kinetoplastid Molecular Cell Biology Meeting at the Marine Biological Laboratory in Woods Hole, MA

University/Department Service Activities:

2004 – 2006	Seminar Series Committee (Chair), Division of Epidemiology of Microbial Diseases
2004 – 2006	Student Committee (Chair), Division of Epidemiology of Microbial Diseases
2004 – 2005	Education Committee, Division of Epidemiology of Microbial Diseases
2003 – 2005	Educational Steering Committee of the Microbiology Program
2004 – 2008	Doctoral Committee, Department of Epidemiology & Public Health
2007 – 2010	Admissions Committee for Master of Public Health students in the School of Public Health
2008 – 2010	Funds and Fellowship Committee in the School of Medicine

2008 – present	Admissions Committee for MD/PhD students in the School of Medicine
2008 – present	Director of Graduate Studies, School of Public Health
2008 – present	Graduate Studies Executive Committee (Chair), School of Public Health
2010 – present	Student Committee (Chair), Department of Epidemiology of Microbial Diseases
2010 – present	EMD Curriculum Committee, Department of Epidemiology of Microbial Diseases

Full Bibliography:

1. Peer-reviewed original research

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2. Pirrotta, V., and **Tschudi, C.** Organisation and sequence in cloned 5S RNA genes from *Drosophila melanogaster*. In Genetic Engineering, H.W. Boyer and S. Nicosia eds. (Elsevier/North-Holland Biomedical Press). (1978) pp. 127-134.

3. Pirrotta.,V., and **Tschudi, C.** Structure, sequence and heterogeneity in the 5S RNA genes of *Drosophila melanogaster*. Ann Microbiol. (Inst. Pasteur), (1978) 129B, 509-510.

4. **Tschudi, C.**, and Pirrotta, V. Sequence and heterogeneity in the 5S RNA gene cluster of *Drosophila melanogaster*. Nucleic Acids Res., (1980) 8, 441-451.

5. Scherer, G., **Tschudi, C.**, Perera, J., Delius, H., and Pirrotta, V. *B104*, a new dispersed repeated gene family in *Drosophila melanogaster* and its analogies with retroviruses. J. Mol. Biol., (1982) 157, 435-451.

6. **Tschudi, C.**, Pirrotta, V., and Junakovic, N. Rearrangements of the 5S RNA gene cluster of *Drosophila melanogaster* associated with the insertion of a *B104* element. EMBO J., (1982) 1, 977-985.

7. Merritt, S.C., **Tschudi, C.**, Konigsberg, W.H., and Richards, F.F. Reverse transcription of trypanosome variable antigen mRNAs initiated by a specific oligonucleotide primer. Proc. Natl. Acad. Sci. USA, (1983) 80, 1536-1540.

8. Ullu, E., and **Tschudi, C.** Alu sequences are processed 7SL RNA genes. Nature, (1984) 312, 171-172.

9. **Tschudi, C.**, Young, A.S., Ruben, L., Patton, C.L., and Richards, F.F. Calmodulin genes in trypanosomes are tandemly repeated and produce multiple mRNAs with a common 5' leader sequence. Proc. Natl. Acad. Sci. USA, (1985) 82, 3998-4002.

10. **Tschudi, C.**, Richards, F.F., and Ullu, E. The U2 RNA analogue of *Trypanosoma brucei*

gambiense: implications for a splicing mechanism in trypanosomes. Nucl. Acids Res., (1986) 14, 8893-8903.

11. **Tschudi, C.**, and Ullu, E. Polygene transcripts are precursors to calmodulin mRNAs in trypanosomes. EMBO J., (1988) 7, 455-463.

12. **Tschudi, C.**, Krainer, A.R., and Ullu, E. The U6 small nuclear RNA from *Trypanosoma brucei*. Nucleic Acids Res., (1988) 23, 11375.

13. Ullu, E., and **Tschudi, C**. Permeable trypanosome cells as a model system for transcription and trans-splicing. Nucleic Acids Res. (1990) 18, 3319-3326.

14. **Tschudi, C.** and Ullu, E. Destruction of U2, U4, or U6 small nuclear RNA blocks trans-splicing in trypanosome cells. Cell, (1990) 61, 459-466.

15. **Tschudi, C.**, Williams, S., and Ullu, E. Conserved sequences in the U2 snRNA genes of Kinetoplastida do not include the putative branch point region. Gene, (1990) 91, 71-77.

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20. Matthews, K.R., **Tschudi, C.** and Ullu, E. A common pyrimidine-rich motif governs trans-splicing and polyadenylation of tubulin polycistronic pre-mRNA in trypanosomes. Genes & Development, (1994) 8, 491-501.

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Trypanosoma brucei U2 small nuclear RNA gene in a homologous extract. J. Biol. Chem., (1995) 270, 17287-17291.

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transcription in trypanosomes. Mol. Cell. Biol., (2004) 24, 9610-9618. PMCID: PMC522245

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2. Reviews, Chapters, Book

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2. **Tschudi, C.** and Ullu, E. Trypanosomatid protozoa provide paradigms of eukaryotic biology. Inf. Agents and Disease, (1994) 3, 181-186.

3. **Tschudi, C.** Transcription and RNA processing in *Trypanosoma brucei*. In "Molecular Approaches to Parasitology". J.C. Boothroyd and R. Komuniecki eds. (Wiley-Liss, New York) (1995) pp. 255-268.

4. Ullu, E., **Tschudi, C.** and Günzl, A. Trans-splicing in trypanosomatid protozoa. In "Molecular Biology of Parasitc Protozoa. D. Smith and M. Parsons eds. (Oxford University Press, Oxford, UK). (1996) pp. 115-133.

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6. **Tschudi, C.** and Ullu. E. RNA metabolism in trypanosomes: Approaches to unravel pre-mRNA signals required for intron removal. In “Biology of Parasitism” (Kluwer Academic Publishers, Boston), (2000) pp. 19-42.

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