

MENET Jérôme S

Address Interdisciplinary Life Sciences Building Room 3141A
Department of Biology
301 Old Main Drive, Building 1530
3274 TAMU
College Station, TX 77843-3474
email: menet@bio.tamu.edu

EDUCATION

- 1999-2003 Ph.D. in Neuroscience, Louis Pasteur University, Strasbourg, France
Laboratory of Rhythms Neurobiology, ULP-CNRS UMR7518
- 1998-1999 Master's Degree in Neuroscience, Louis Pasteur University, Strasbourg, France
- 1994-1998 Bachelor's Degree in Cell Biology & Physiology, University of Science and Technology, Lille, France

POSITIONS

- Assistant Professor, Department of Biology, TexasA&M University, TX, September 2013-present
- Research Specialist, Howard Hughes Medical Institute, December 2009-August 2013.
Laboratory of Michael Rosbash, Brandeis University/HHMI, Waltham, USA
- Post-doctoral Fellow, December 2003-November 2009.
Laboratory of Michael Rosbash, Brandeis University/HHMI, Waltham, USA
- Doctoral Candidate, September 1999-October 2003.
Laboratory of Paul Pévet, ULP-CNRS UMR7518, Strasbourg, France

AWARDS and ACTIVITIES

- Ph.D. Fellowship from the French Ministry of National Education, Research and Technology, 1999-2002
- European Molecular Biology Organization long-term Post-doctoral Fellowship, 2004-2005
- Young Investigator Award, French-speaking Society of Chronobiology, 2008
- Hot topic symposium of the XI. Congress of the European Biological Rhythms Society, 2009
- Hot topic presentation at the Chronobiology Gordon Research Conference, 2011
- Chair of the Chronobiology Gordon Research Seminar, Salve Regina University, Newport, RI, July 13-14, 2013
- Hot topic presentation at the Chronobiology Gordon Research Conference, 2013

TEACHING EXPERIENCE

- 2003 Animal Biology (Freshman Class), Louis Pasteur University, Strasbourg, France
- 2002 Cellular Biology (Freshman Class), Louis Pasteur University, Strasbourg, France
Lecture about Biological Rhythms (Senior Class), Louis Pasteur University, Strasbourg, France
- 2001 Teaching Assistant, Animal Biology (Freshman Class), Louis Pasteur University, Strasbourg, France
- 2000 Statistics for biologists (Sophomore Class), Louis Pasteur University, Strasbourg, France
Teaching Assistant, Animal Biology (Freshman Class), Louis Pasteur University, Strasbourg, France

PUBLICATIONS

Research Articles:

1. Menet J, Vuillez P, Jacob N, Pévet P (2001) Intergeniculate leaflets lesion delays but does not prevent the integration of photoperiodic change by the suprachiasmatic nuclei. **Brain Res** 906: 176-179.
2. Tournier B, Menet JS, Dardente H, Poirel VJ, Masson-Pévet M, Pévet P, Vuillez P (2003) Photoperiod differentially regulates clock genes' expression in the suprachiasmatic nucleus of golden hamster. **Neuroscience** 118(2): 317-322.
3. Menet JS, Vuillez P, Saboureau M, Pévet P (2003) Inhibition of hibernation by exercise is not affected by intergeniculate leaflets lesion in hamsters. **Am J Physiol Regul Integr Comp Physiol** 285(3):R690-700.
4. Dardente H, Menet JS, Poirel VJ, Streicher D, Gauer F, Klosen P, Pévet P, Masson-Pévet M (2003) Melatonin induces Cry1 expression in the pars tuberalis of the rat. **Mol Brain Res** 114(2):101-106.
5. Menet JS, Vuillez P, Pévet P (2003) Calbindin expression in the hamster suprachiasmatic nucleus depends on day-length. **Neuroscience** 112(3): 591-598.
6. Dardente H, Menet JS, Challet E, Tournier BB, Pévet P, Masson-Pévet M (2004) Daily and circadian expression of neuropeptides in the suprachiasmatic nuclei of nocturnal and diurnal rodents. **Mol Brain Res** 124(2):143-151.
7. Erhardt C, Galani R, Jeltsch H, Cassel JC, Klosen P, Menet JS, Pévet P, Challet E (2004) Modulation of photic resetting in rats by lesions of projections to the suprachiasmatic nuclei expressing p75 neurotrophin receptor. **Eur J Neurosci** 19(7):1773-1788.
8. Menet JS, Vuillez P, Bonn D, Senser A, Pévet P (2005) Conflicting effects of exercise on the establishment of a short-photoperiod phenotype in Syrian hamster. **Am J Physiol Regul Integr Comp Physiol** 288(1):R234-242.
9. Stoleru D, Nawathean P, de la Paz Fernandez M, Menet JS, Ceriani MF, Rosbash M (2007) The Drosophila circadian network: a brain clock for all seasons. **Cell** 129(1):207-19.
10. Revel FG, Herwig A, Garidou ML, Dardente H, Menet JS, Masson-Pévet M, Simonneaux V, Saboureau M, Pévet P (2007) The circadian clock stops ticking during deep hibernation in the European hamster. **Proc Natl Acad Sci U S A** 104(34):13816-13820.
11. Kadener S, Menet JS, Schoer R, Rosbash M (2008) Circadian Transcription Contributes to Core Period Determination in Drosophila. **PLoS Biol** 6(5):e119.
12. Kadener S, Menet JS, Sugino K, Horwich MD, Nawathean P, Vagin VV, Zamore PD, Nelson S, Rosbash M. (2009) A role for microRNAs in the Drosophila circadian clock. **Genes Dev** 23(18):2179-91.
13. Menet JS, Abruzzi KA, Desrochers J, Rodriguez J, Rosbash M (2010) Dynamic PER repression in the Drosophila circadian clock: from on- to off-DNA. **Genes Dev** 24(4):358-67.
14. Abruzzi KC, Rodriguez J, Menet JS, Desrochers J, Zadina A, Luo W, Tkachev S, Rosbash M. (2011) Drosophila CLOCK target gene characterization: implications for circadian tissue-specific gene expression. **Genes Dev** 25(22):2374-86.
15. Rodriguez J, Menet JS, Rosbash M. (2012) Nascent-Seq indicates widespread cotranscriptional RNA editing in Drosophila. **Mol Cell** 47(1):27-37.
16. Khodor YL, Menet JS, Tolan M, Rosbash M. (2012) Cotranscriptional splicing efficiency differs dramatically between Drosophila and mouse. **RNA** 18(12):2174-86.
17. Menet JS, Rodriguez J, Abruzzi KC, Rosbash M. (2012) Nascent-Seq Reveals Novel Features of Mouse Circadian Transcriptional Regulation. **eLife** 1:e00011.
18. Rodriguez J, Tang CH, Khodor YL, Vodala S, Menet JS, Rosbash M. (2013) Nascent-Seq analysis of Drosophila cycling gene expression. **Proc Natl Acad Sci U S A**. 110(4):E275-84.
19. Menet JS, Pescatore S, Rosbash M. CLK:BMAL1 is a pioneer-like transcription factor. Submitted.

Reviews:

20. Rosbash M, Bradley S, Kadener S, Li Y, Luo W, Menet JS, Nagoshi E, Palm K, Schoer R, Shang Y, Tang CH (2007) Transcriptional feedback and definition of the circadian pacemaker in *Drosophila* and animals. **Cold Spring Harb Symp Quant Biol** 72:75-83.

21. Menet JS, Rosbash M (2011) When brain clocks lose track of time: cause or consequence of neuropsychiatric disorders. **Curr Opin Neurobiol** 21(6) 849-57.

News & Views:

22. Menet JS, Rosbash M (2011) A New Twist on Clock Protein Phosphorylation: A Conformational Change Leads to Protein Degradation. **Mol Cell** 43(5):695-7.

Protocols:

23. Nawathean P, Menet JS, Rosbash M (2005) Assaying the *Drosophila* negative feedback loop with RNAi in S2 cells. **Methods Enzymol** 393:610-622.

ORAL COMMUNICATIONS

Invited talk:

French-Speaking Society for Chronobiology Meeting, Caen, France, June 2008.

Keystone Symposia: Molecular Clockworks and the Regulation of Cardio-Metabolic Function, Snowbird Resort, Snowbird, Utah, USA. April 2013.

Talk selected from abstracts:

11th Biennial Meeting of the Society for Research on Biological Rhythms, Sandestin, FL, USA. May 2008.

Hot topic symposium of the XI Congress of the European Biological Rhythms Society, Strasbourg, France. August 2009.

Gordon Research Conferences on Chronobiology, Lucca, Italy. June 2011.

13th Biennial Meeting of the Society for Research on Biological Rhythms, Sandestin, FL, USA. May 2012.

Gordon Research Conferences on Chronobiology, Salve Regina University, Newport, RI. July 2013.

Others:

Erasmus Summer School 2000 in Chronobiology, Biological clock: from behavior to molecules, from molecules to behavior, Strasbourg, France. July 2000.

Behavioral and Cognitive Neurosciences Summerschool 2001, Performance, Fatigue, Recovery, and their Periodic Control. Groningen, Netherland. July 2001.