

Selection publications external users

- 1** Roland F. Hoffmann, Yuri M. Moshkin, Stijn Mouton, Nicola A. Grzeschik, Ruby D. Kalicharan, Jeroen Kuipers, Anouk H. G. Wolters, Kazuki Nishida, Aleksander V. Romashchenko, Jan Postberg, Hans Lipps, Eugene Berezikov, [Ody C. M. Sibon](#), Ben N. G. Giepmans and Peter M. Lansdorp  
Guanine quadruplex structures localize to heterochromatin  
**Nucleic Acid Research** 2016 Jan 8;44(1): 152-63 **(IF 9)**
- 2** Zhang D, Meijering RAM, Hoogstra-Berends F, Cubukcuoglu Deniz G, Durdu S, Akar R, [Sibon OCM](#), Henning RH, Brundel BJJM.  
HDAC6 causes derailment of  $\alpha$ -tubulin proteostasis and contractile dysfunction in experimental and human Atrial Fibrillation.  
**Circulation** 2014 Jan 21; 129 (3): 346-358 **(IF 15)**
- 3** Brunetti D, Dusi S, Giordano C, Lamperti C, Morbin M, Marchet S, Fagiolari G, [Sibon OCM](#), Moggio M, d'Amati G, and Tiranti V.  
Pantethine treatment is effective in recovering the disease phenotype induced by ketogenic diet in a *Pank2* knock-out mouse model  
**Brain** (2014) **Jan: 137 (Pt 1): 57-68 (IF 10)**
- 4** Roald A. Lambrechts, Balaji Srinivasan, Edzard M. Geertsema, Gerrit J. Poelarends, [Ody C.M. Sibon](#) and Marianne de Villiers  
Synthesis and characterization of 4-thiobutyl triphenylphosphonium-pantetheine, a pantetheine derivative.  
[American Chemical Science Journal](#) (2014) **4(5): 676-686**
- 5** Arcangela Iuso, [Ody CM Sibon](#), Matteo Gorza, Katharina Heim, Cristina Organisti, Thomas Meitinger, Holger Prokisch  
Impairment of Drosophila Orthologs of the Human Orphan Protein C19orf12 Induces Bang Sensitivity and Neurodegeneration.  
**PLoS One** (2014) Feb 21;9(2):e89439 **(IF 4)**
- 6** Den Hoed M,....[Sibon OCM\\*](#), et al.  
Heart rate-associated loci and their effects on cardiac conduction and rhythm disorders.  
**(Nature Genetics** 2013 Jun;45(6):621-31.  
*\*All included functional Drosophila melanogaster experiments of this GWAS study were chaired by Sibon OCM. (IF 35)*
- 7** Zhang D, Ke L, Mackovicova K, Van Der Want JLJ, [Sibon OCM](#), Robert M. Tanguay RM, Morrow G, Henning RH, Kampinga HH, Brundel BJJM  
Effects of different small HSPB members on contractile dysfunction and structural changes in a *Drosophila melanogaster* model for Atrial Fibrillation  
**J Mol Cell Cardiol** 2011 51:381-9 **(IF 5)**

- 8 Tan, Lu Ping T, Seinen E, Duns G, de Jong D, Sibon OCM, Poppema S, Kroesen B-J, Kok K, van den Berg A.  
A high throughput experimental approach to identify miRNA targets in human cells.  
**Nucleic Acids Res** 2009 37(20):e137 **S (IF 7)**
- 9 Jaklevic B, Uyetake L, Lemstra W, Chang J, Leary W, Edwards A, Vidwans S, Sibon OCM, Su TT.  
Contribution of growth and cell cycle checkpoints to radiation survival in *Drosophila*.  
**Genetics** 2006 174:1963-72. **S (IF 4)**
- 10 Khodjakov A, Rieder CL, Sluder G, Cassels G, Sibon OCM, Wang CL.  
De novo formation of centrosomes in vertebrate cells arrested during S phase.  
**J Cell Biol.** 2002 158:1171-81. **(IF 13)**