

# Complete Publication List of Vincent ZOETE

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1. Crippa S, Ancey PB, Vazquez J, Angelino P, Rougemont AL, Guettier C, **Zoete V**, Delorenzi M, Michielin O, Meylan E. Mutant CTNNB1 and histological heterogeneity define metabolic subtypes of hepatoblastoma. *EMBO Mol Med*. 2017, in press.
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3. Röhrig UF, **Zoete V**<sup>\*</sup>, Michielin O. The Binding Mode of N-Hydroxyamidines to Indoleamine 2,3-Dioxygenase 1 (IDO1). *Biochemistry*. 2017, 56(33):4323-4325.
4. Merkle PS, Irving M, Hongjian S, Ferber M, Jørgensen TJD, Scholten K, Luescher I, Coukos G, **Zoete V**, Cuendet MA, Michielin O, Rand KD. The T-Cell Receptor Can Bind to the Peptide-Bound Major Histocompatibility Complex and Uncomplexed  $\beta$ 2-Microglobulin through Distinct Binding Sites. *Biochemistry*. 2017, 56(30):3945-3961.
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8. Chaskar P, **Zoete V**<sup>\*</sup>, Röhrig UF. On-the-Fly QM/MM Docking with Attracting Cavities. *J Chem Inf Model*. 2017 23;57(1):73-84.
9. **Zoete V**<sup>\*</sup>, Daina A, Bovigny C, Michielin O. SwissSimilarity. A web tool for low to ultra high-throughput ligand-based virtual screening. *J Chem Inf Model*. 2016, 56(8):1399-404.
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## Patents

1. Keratan sulfate specific transporter molecules. *WO2015162287A1*.
2. C6S specific transporter molecules. *WO2015162285A1*.

3. IDO inhibitors and therapeutic uses thereof. *WO2011045341A1*
4. Electrical conductor based on proton conducting carbon nanotubes. *EP1575102A1*.
5. *Multispecific mutated antibody fab fragments*. *US20140242076A1*, *WO2013005194A2*, *WO2013005194A3*.

#### **Book Chapters**

1. U. F. Röhrig,\* V. Zoete,\* O. Michielin,\* Inhibitors of the Kynurenine Pathway, Topics in Medicinal Chemistry, M. Waring (Ed.), Springer, Berlin, Heidelberg (2017).
2. Chapter 10: Molecular Modeling of Proteins: From Simulations to Drug Design Applications. Zoete V, Cuendet M, Röhrig UF, Grosdidier A, Michielin O. In "Bioinformatics. A Swiss Perspective". Editors Appel RD and Feytmans E, World Scientific Publishing Co., Singapore.
3. Chapter 19: Molecular Dynamics-based Free Energy Simulations. Cuendet M, Zoete V, Michielin O. In "Computational Structural Biology". Editors Schwede T and Peitsch M, World Scientific Publishing Co., Singapore.