B. Ogan Mancarci

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� Education

2013-2018 (expected)

PhD, Bioinformatics; University of British Columbia (Vancouver, Canada)

Thesis title: Identification cell type marker genes of the brain and their use in identification of cell type proportions

2009-2013

BSc, Molecular Biology And Genetics; Bilkent University (Ankara, Turkey)

� Research Experience

2014-now

PhD Student at UBC Micheal Smith Laboratories - Supervisor: Dr. Paul Pavlidis

- Identification of cell type markers and their use in identification of cell type proportions. (**github.com/oganm/brainCellTypeSpecificGenes**)
- Development of a web application to visualize gene expression in brain cell types (**neuroexpresso.org**)

2013

Rotation at BC Children's Hospital - Supervisor: Dr. Wyeth Wasserman**

- Analysis of CAGE data for detection of microRNA transcription start sites

2013

Rotation at Simon Fraser University - Supervisor: Dr. Fiona Brinkman**

- Analysis of antisense transcription in genomic islands

2012

Summer internship at University of Zurich - Supervisor: Dr. Barbara Tschirren

- Selective mating of Japanese quails and computational analysis of various properties of quail and tit eggs

2011

Summer internship at Harvard Medical School - Supervisor: Dr. George Daley

- Reprogramming of murine and human cells via viral vectors

▬ Teaching Experience

2015

Teaching Assitant for Exploratory Data Analysis course (STAT 545A) at UBC - Instructor: Dr. Jenny Brian

2015

Instructional Skills Workshop at UBC

Awards and Scholarships

2013-2014   CIHR training program scholarship

Publications

Horvath, G.A., Demos, M., Shyr, C., Matthews, A., Zhang, L., Race, S., Stockler-Ipsiroglu, S., Van Allen, M.I., **Mancarci, O.**, Toker, L., et al. (2016). Secondary neurotransmitter deficiencies in epilepsy caused by voltage-gated sodium channelopathies: A potential treatment target? Mol. Genet. Metab. 117, 42–48.

Onder, T.T., Kara, N., Cherry, A., Sinha, A.U., Zhu, N., Bernt, K.M., Cahan, P., **Mancarci, B.O.**, Unternaehrer, J., Gupta, P.B., et al. (2012). Chromatin-modifying enzymes as modulators of reprogramming. Nature 483, 598–602.

My Cool Side Project   For items which don't have a clear time ordering, a definition list can be used to have named items.

- These items can also contain lists, but you need to mind the indentation levels in the markdown source.
- Second item.

Open Source   List open source contributions here, perhaps placing emphasis on the project names, for example the **Linux Kernel**, where you implemented multithreading over a long weekend, or **node.js** (with **link**) which was actually totally your idea...

Programming Languages   **first-lang:** Here, we have an itemization, where we only want to add descriptions to the first few items, but still want to mention some others together at the end. A format that works well here is a description list where the first few items have their first word emphasized, and the last item contains the final few emphasized terms. Notice the reasonably nice page break in the pdf version, which wouldn't happen if we generated the pdf via html.

second-lang: Description of your experience with second-lang, perhaps again including a **link**, this time placing the url reference elsewhere in the document to reduce clutter (see source file).

obscure-but-impressive-lang: We both know this one's pushing it.

Basic knowledge of **C**, **x86 assembly**, **forth**, **Common Lisp**

Extra Section, Call it Whatever You Want

- Human Languages:
  - English (native speaker)
  - ???
  - This is what a nested list looks like.
- Random tidbit
- Other sort of impressive-sounding thing you did