

# Stanford

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## Chloe B. Steen

Postdoctoral Research Fellow, Oncology

### Bio

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#### BIO

I am a joint postdoctoral scholar in the labs of Drs. Ash Alizadeh and Aaron Newman. My interest lies in better understanding the cellular heterogeneity of tumors.

#### HONORS AND AWARDS

- 2019 AACR-AstraZeneca Lymphoma Research Fellowship, American Association for Cancer Research (2019.07.01-2021.06.30)
- Abstract Achievement Award, American Society of Hematology (2017)
- Travel Grant, Norwegian Research School in Bioinformatics, Biostatistics and System Biology (2017.09.01-2018.02.28)
- McKinsey & Company Oslo Scholarship, McKinsey & Company (2013)
- Research Stipend, S. G. Sønneland Foundation (2011)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Associate member, American Association for Cancer Research (2019 - present)
- Member, International Society for Computational Biology (2018 - present)
- Member, Norwegian Research School in Bioinformatics, Biostatistics and Systems Biology (2015 - 2018)

#### PROFESSIONAL EDUCATION

- Ph.D., Department of Informatics, University of Oslo, Norway , Computational Biology (2018)
- M.Sc, Department of Biosciences, University of Oslo, Norway. , Molecular Biosciences, Cancer Biology (2013)
- B.Sc, Department of Biosciences, University of Oslo, Norway , Molecular Biology (2010)

#### STANFORD ADVISORS

- Aaron Newman, Postdoctoral Research Mentor
- Ash Alizadeh, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Determining cell type abundance and expression from bulk tissues with digital cytometry.** *Nature biotechnology*  
Newman, A. M., Steen, C. B., Liu, C. L., Gentles, A. J., Chaudhuri, A. A., Scherer, F., Khodadoust, M. S., Esfahani, M. S., Luca, B. A., Steiner, D., Diehn, M., Alizadeh, A. A.  
2019
- **A clinico-molecular predictor identifies follicular lymphoma patients at risk of early transformation after first-line immunotherapy.** *Haematologica*

Steen, C. B., Leich, E., Myklebust, J. H., Lockmer, S., Wise, J. F., Wahlin, B. E., Østenstad, B., Liestøl, K., Kimby, E., Rosenwald, A., Smeland, E. B., Holte, H., Lingjærde, et al

2019

● **Computational approaches for characterizing the tumor immune microenvironment.** *Immunology*

Liu, C. C., Steen, C. B., Newman, A. M.

2019

● **Chemotherapy-Free Initial Treatment of Advanced Indolent Lymphoma Has Durable Effect With Low Toxicity: Results From Two Nordic Lymphoma Group Trials With More Than 10 Years of Follow-Up** *JOURNAL OF CLINICAL ONCOLOGY*

Lockmer, S., Ostenstad, B., Hagberg, H., Holte, H., Johansson, A., Wahlin, B., Wader, K., Steen, C., Meyer, P., Maisenholder, M., Smedby, K., Brown, P., Kimby, et al

2018; 36 (33): 3315-+

● **Artesunate shows potent anti-tumor activity in B-cell lymphoma** *JOURNAL OF HEMATOLOGY & ONCOLOGY*

Vatsveen, T., Myhre, M., Steen, C., Walchli, S., Lingjaerde, O., Bai, B., Dillard, P., Theodossiou, T. A., Holien, T., Sundan, A., Inderberg, E., Smeland, E. B., Myklebust, et al

2018; 11: 23

● **T Cells Expressing Checkpoint Receptor TIGIT Are Enriched in Follicular Lymphoma Tumors and Characterized by Reversible Suppression of T-cell Receptor Signaling** *CLINICAL CANCER RESEARCH*

Josefsson, S. E., Huse, K., Kolstad, A., Beiske, K., Pende, D., Steen, C. B., Inderberg, E., Lingjaerde, O., Ostenstad, B., Smeland, E. B., Levy, R., Irish, J. M., Myklebust, et al

2018; 24 (4): 870-81

● **Favorable lifestyle before diagnosis associated with lower risk of screen-detected advanced colorectal neoplasia** *WORLD JOURNAL OF GASTROENTEROLOGY*

Knudsen, M. D., de Lange, T., Botteri, E., Nguyen, D., Evensen, H., Steen, C. B., Hoff, G., Bernklev, T., Hjartaker, A., Berstad, P.

2016; 22 (27): 6276-86

● **ALIX and ESCRT-III Coordinately Control Cytokinetic Abscission during Germline Stem Cell Division In Vivo** *PLOS GENETICS*

Eikenes, A. H., Malerod, L., Christensen, A., Steen, C. B., Mathieu, J., Nezis, I. P., Liestøl, K., Huynh, J., Stenmark, H., Haglund, K.

2015; 11 (1): e1004904

● **Primary cold agglutinin-associated lymphoproliferative disease: a B-cell lymphoma of the bone marrow distinct from lymphoplasmacytic lymphoma** *HAEMATOLOGICA*

Randen, U., Troen, G., Tierens, A., Steen, C., Warsame, A., Beiske, K., Tjonnfjord, G. E., Berentsen, S., Delabie, J.

2014; 99 (3): 497-504