

Molecular Detection of Cancer Precursors in Ulcerative Colitis

Joint UW/WSU Regents Meeting

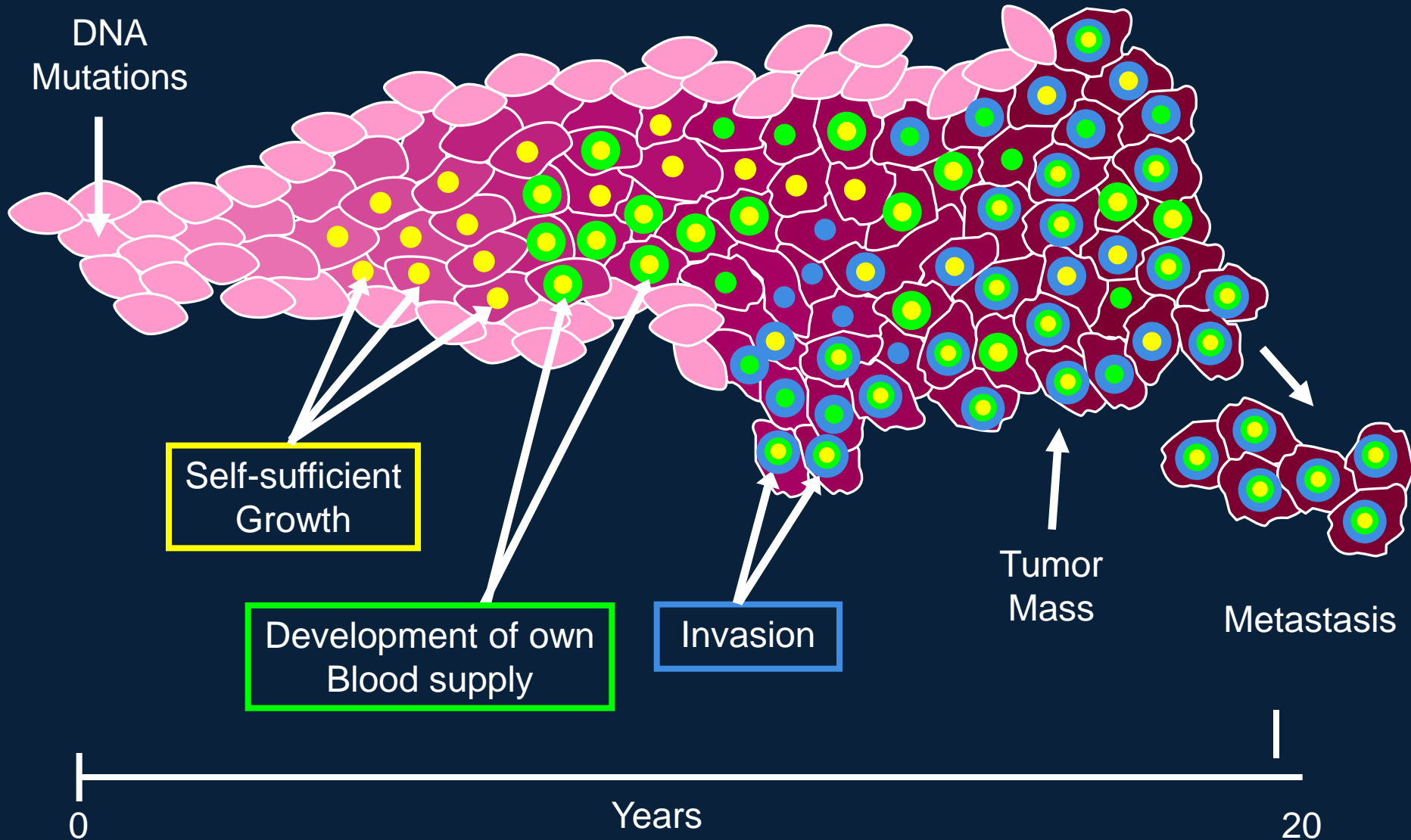
November 26th 2011

Jesse Salk

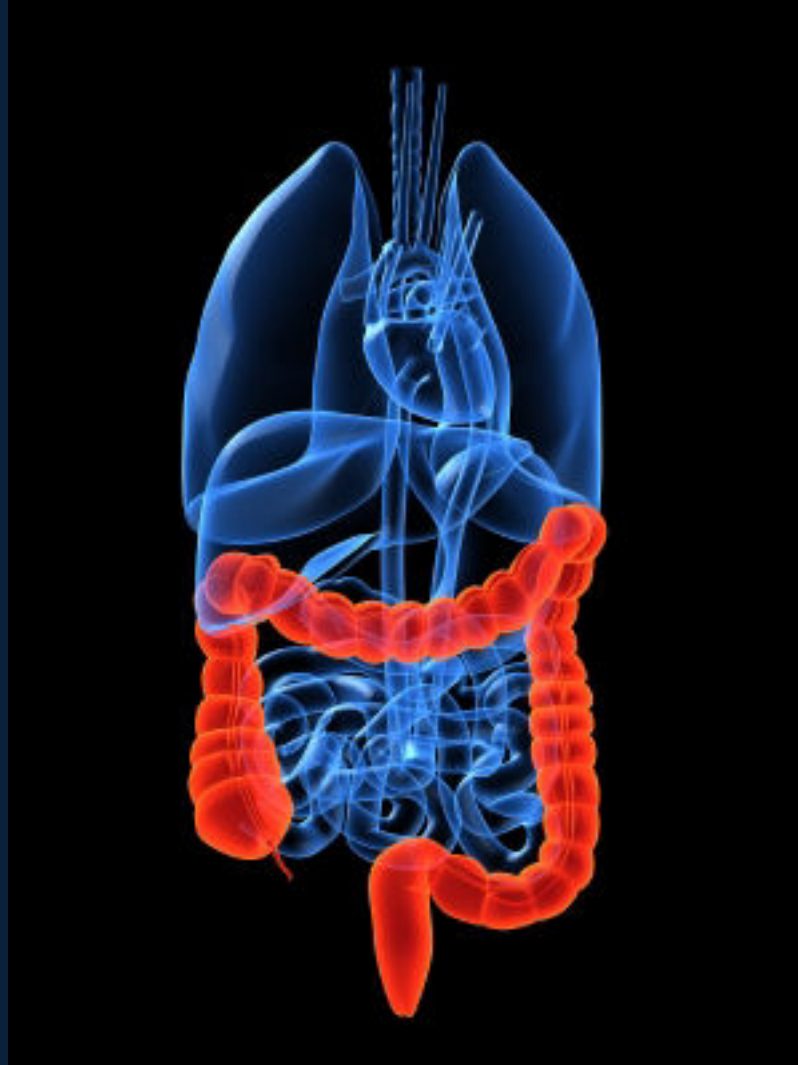
University of Washington School of Medicine

Medical Scientist Training Program
Molecular and Cellular Biology Program
Department of Pathology

Cancer develops over many years



Ulcerative colitis



Cancer precursor assay

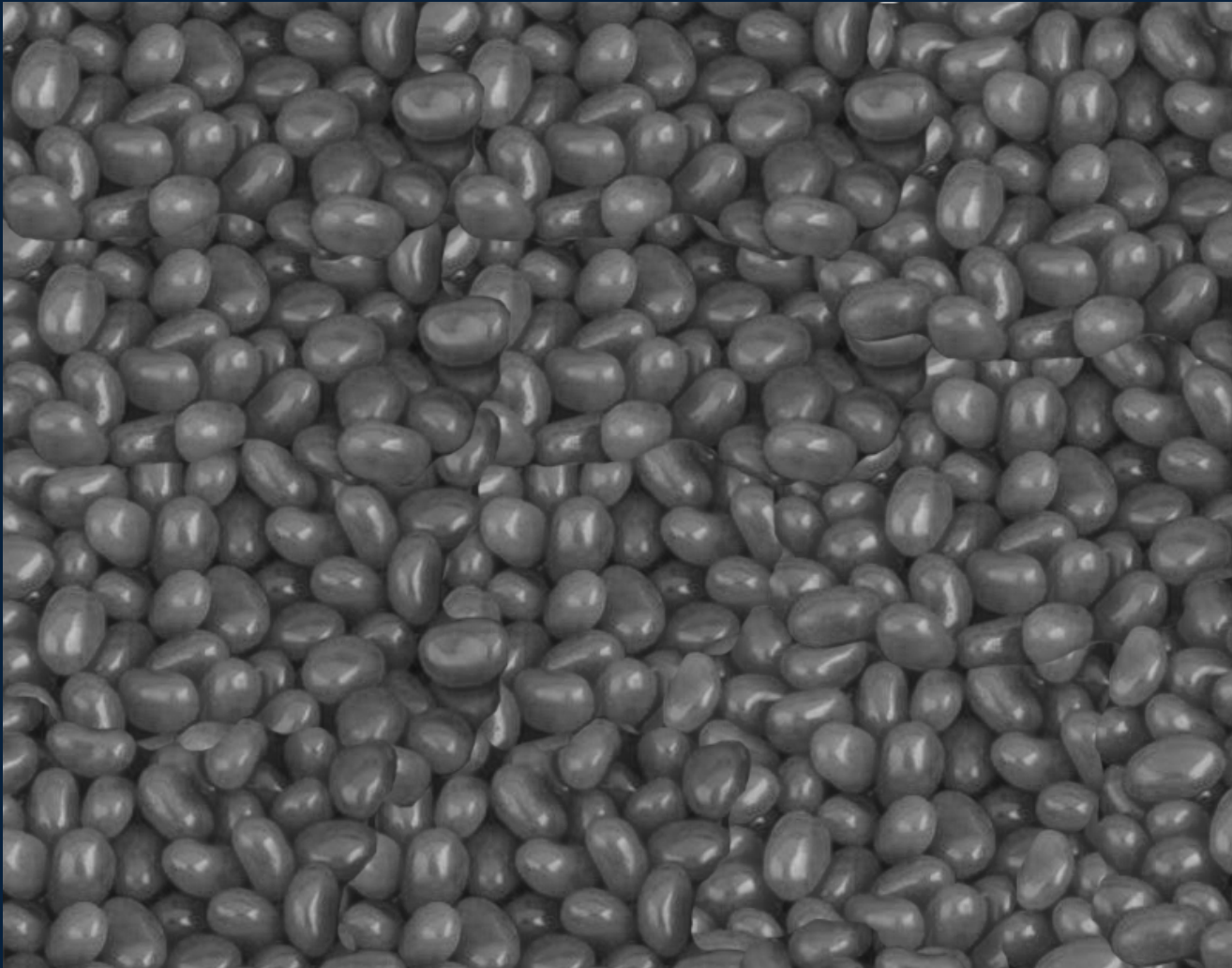
Cancer precursor assay



Cancer precursor assay



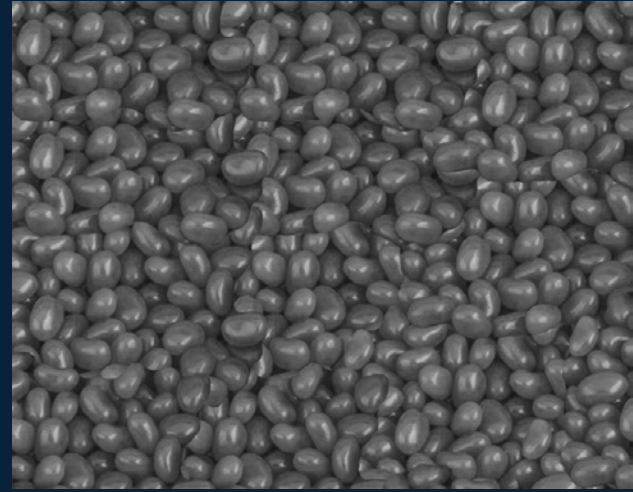
Cancer precursor assay



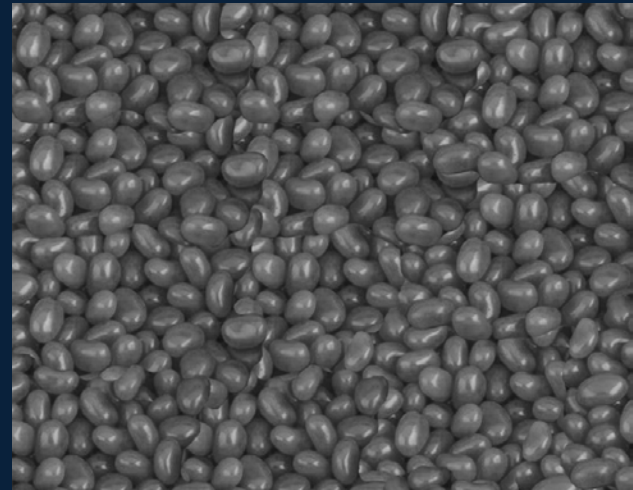
Cancer precursor assay



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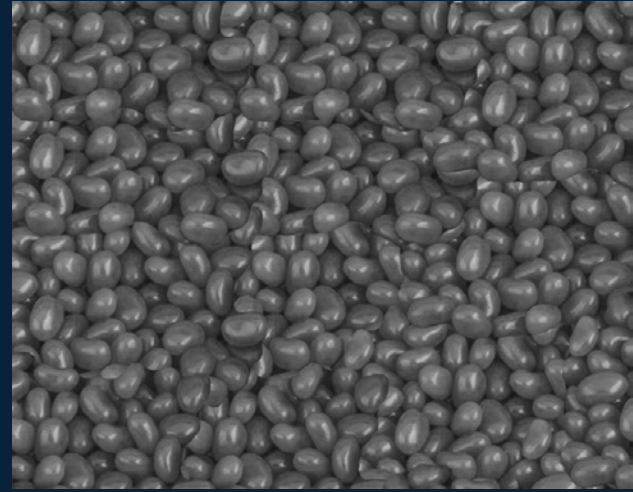
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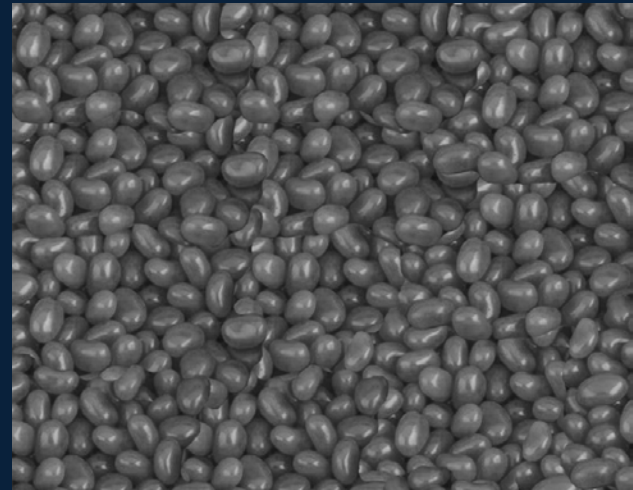
Cancer precursor assay



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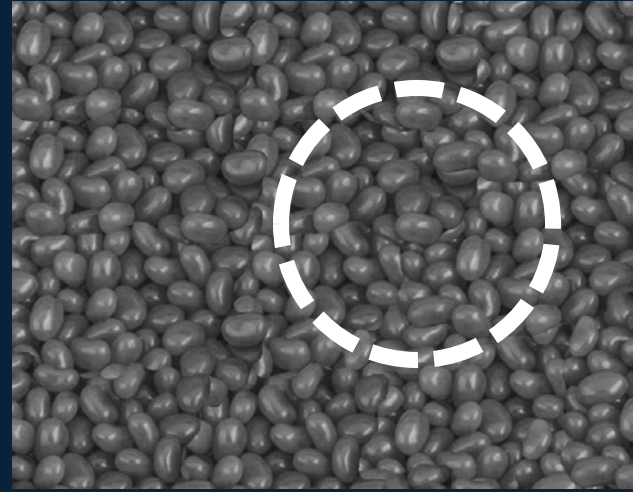
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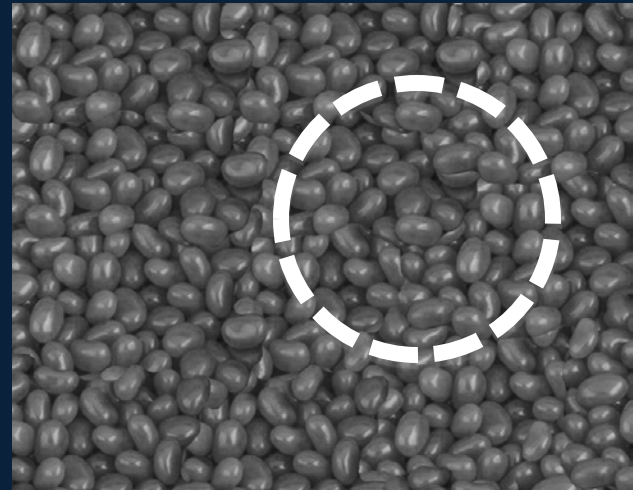
Cancer precursor assay



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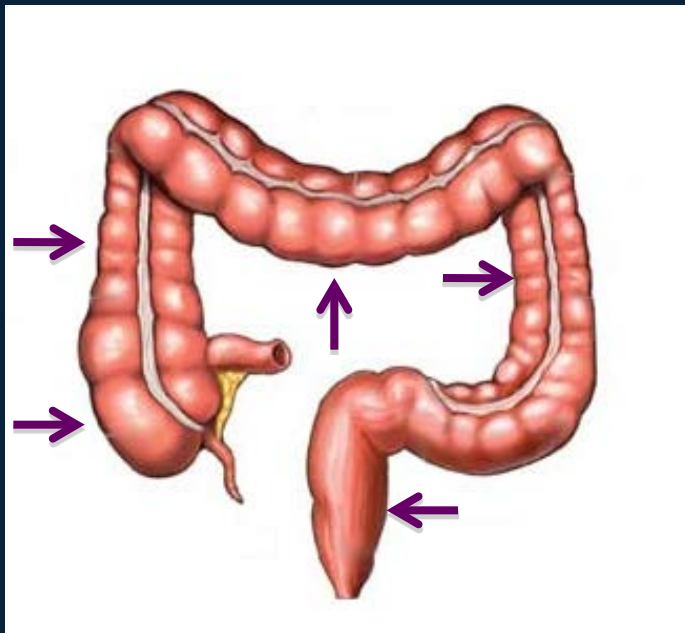


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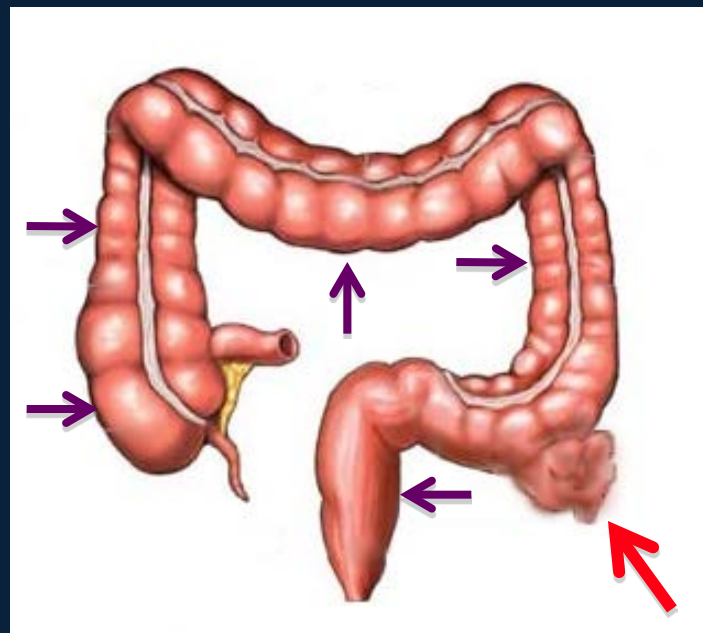


Study design

Ulcerative colitis patients



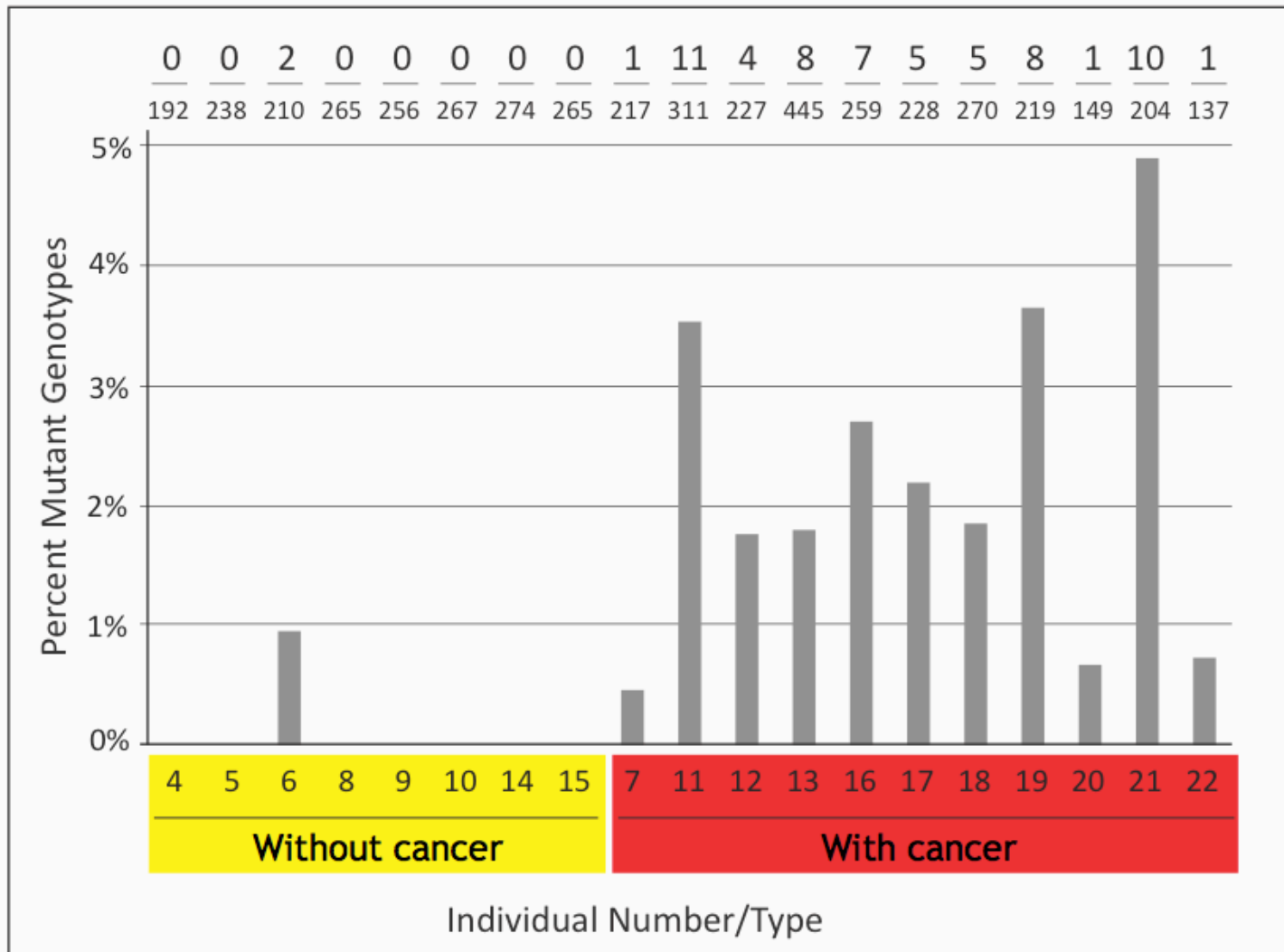
No cancer



Cancer

Cancer precursor assay

Clones detected by cancer status



Acknowledgements

Project Members and Ongoing Collaborators

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