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Tumor tissue architecture, immune cells and molecular characteristics in relation to immune escape in colon cancer: what rises must fall

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**Tumor tissue architecture, immune cells and
molecular characteristics in relation to
immune escape in colon cancer:**
What Rises Must Fall

Hehuan Zhu

About the cover:

Over a thousand years ago, the poet Cui Hao (崔颢) stood at the Yellow Crane Tower and wrote the famous poem:

“Lynsey rode the yellow cranes and flew away.
Now, the Yellow Crane Tower here is only a name.
The yellow cranes, once more, were gone forever.
Millenniums of white clouds have drifted idly by.”

In this poem, the fairy rider and the yellow cranes have departed, leaving only an empty tower under slowly passing clouds. Centuries later, Li Bai (李白) visited the same site and felt that the landscape and the emotion were already perfectly captured. He wrote, “Before my eyes lies a scene yet I dare not frame a line, as Cui Hao’s poem is already written high above.”

On the cover, the Yellow Crane Tower represents the persistent tumor mass and its architectural constraints in colon cancer. The yellow cranes carrying a fairy and flying away symbolize impaired HLA class I antigen processing and presentation, with loss of tumor peptide visibility to immune recognition. Li Bai, standing at a distance with his sword on his back and looking toward the tower, mirrors cytotoxic T cells that infiltrate the tumor bed yet remain functionally constrained when antigen presentation becomes limiting and suppressive tissue circuits dominate. Together, the image captures the central message of this thesis and its title, *What Rises Must Fall: Tissue Architecture and Immune Escape in Colon Cancer*, in which rising immune pressure within structured tissues is met by adaptive immune evasion that shapes clinical outcome.

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Tumor tissue architecture, immune cells and molecular characteristics in relation to immune escape in colon cancer: *What Rises Must Fall*

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What Rises Must Fall

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Table of contents

Chapter 1	General introduction	7
Chapter 2	The Need for a Systems Biology Approach in Cancer Explained <i>Hehuan Zhu et al.</i> <i>Int J Mol Sci.</i> 2025. doi: 10.3390/ijms27010141	19
Chapter 3	Location matters: spatial dynamics of tumor-infiltrating T cell subsets is prognostic in colon cancer <i>Hehuan Zhu et al.</i> <i>Front Immunol.</i> 2024. doi:10.3389/fimmu.2024.1293618.....	48
Chapter 4	HLA Class I Expression and Tumor Immune Infiltration Together Shape Colon Cancer Immune Contexture <i>Hehuan Zhu et al.</i> <i>Under peer review</i>	87
Chapter 5	Locus specific HLA class I diversity and tissue expression in colon cancer <i>Hehuan Zhu et al.</i> <i>Under peer review.</i>	126
Chapter 6	General discussion	160
Chapter 7	English summary.....	175
	中文摘要(Chinese summary)	178
	Nederlandse samenvatting	181
	Curriculum vitae	184
	PhD portfolio	185
	Acknowledgements.....	188