Work, Live and Play at the Biomedical Hub

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Synopsis: This thesis deals with the issues of creating a relatively new biomedical industry in Singapore. Proposed to be located at the new Life Exchange at Buona Vista Science Hub, the design deals with the enhancement of the laboratory environment, making conducive spaces for researchers to work and interact at. Inherently hermetically sealed workspaces, laboratories have the tendency to isolate researchers within instead of creating opportunities for healthy creative encounters and discussions.

The project thus attempts to address these issues in the form of a humane environment which is gradually becoming more open, porous and responsive to the needs of its surroundings, in terms of nature and its neighbors, and especially its occupants within.

The proposed design deals with the different levels of exchanges that occur: from the more mundane services exchanges, the vibrant movement and active exchanges of people from each articulated cluster of laboratories, to the natural exchanges with the natural context.