Yiming Li: A ultimate practice of healthy Spaces

--- Brii Biosciences' global R&D center

**Project name:** Brii Biosciences Global R&D Center

**Architecture Firm:** QUCESS Design

**Website:**  [www.qucess.com](http://www.qucess.com/)

**Contact e-mail: 302615379@qq.com**

**Completion Year:2019**

**Gross Built Area:** 3240 square meters

**Project location:** Haidian District, Beijing

**Media Provider**

**Photo credits:**SHI Yunfeng

**Additional credits**

Lead Architects: LI Yiming

Design Team: LI Yiming, SHI Chaofei, ZHANG Shuang, WANG Haishen, MU Yu  
Major material: electric control dimming glass, plastic floor, carpet, aluminum grating, artificial stone

WELL system counselor: George Lin

**Project Description**

What is a fine architectural space? “A fine architectural space must be evaluated from two different aspects: visual perception and user experience. Expending more effort to create a good visual perception is the pursuit of most designers. As a result, good user experiences are often ignored.” Considered by LI Yiming, the chief designer of this project.

Health ( of three progressive levels including environmental health, physical wellness, and mental well-being) is one of the most important indexes to evaluate whether space has a good using experience.

Brii Biosciences' global R&D center project is located in Beijing. The brief called for a new visual identity for the company’s workspaces, drawn from both their own background in medical and health care, as well as the corporate social responsibility. To this end, the chief designer of this project, LI Yiming takes “Shang Shan Ruo Shui.” (From Lao Zi, Tao Te Ching, which means the highest level of good deeds are like water which favors all without caring about vanity.) as the core design concept to convey the core mission of Brii Biosciences: “We are committed to serving the needs of patients and improving the level of public health care in China.” Based on this design concept the new office is built into an equal, healthy, open and innovative workspace.

Environmental Health

The first level of health is environmental health. There are three essential elements at the first level: the natural light that symbolizes life, the fresh and moist air, and the pure and clear water. The auditorium area, named ‘Hai Na Bai Chuan’ (All rivers run into the sea), is an interior grey zone which doubles as an ‘all-hands space’ for both work and leisure.

The US WELL standard was adopted in the whole design process of this project and the characteristics of the Chinese market has been fully considered. In order to create an office space filled with warm and comfortable natural light, the overall lighting system combines various illuminating systems such as light-sensitive curtains, electrified dimming glass, general lighting, and individual workstation lighting. Natural light flows into each workspace through the grille ceiling which maximize the use of natural light to create a comfortable and bright work space.

The theme color of the enterprise and the materials with various textures ensure the overall soft and the pure tone of the space as well as enrich the visual level. Electrified glass, fiber fabric and diffuse reflection light source are widely used to provide kind of bright, transparent and soft architectural feeling.

Air conditioning system is based on a fiber fabric air distribution system. This system integrates various air treatment equipment and facilities such as fresh air filtration, electrostatic dust removal, and haze prevention, photocatalyst sterilization, formaldehyde removal VOC, constant temperature and humidity terminal, etc. The printing room is equipped with independent exhaust equipment. The healthiest indoor air environment is owed to the comprehensive ventilation and air-conditioning system of this project.

The whole space has no boundary, no focus and is infinitely extended which provides the users with a peaceful and relaxing architectural experience. Space is always in a positive pressure environment (similar to an airplane cabin), completely isolated from the outdoor unhealthy atmosphere. The straight water dispensers, anti-bacterial copper pipes, and taps are also used in the tea area to ensure water quality.

Physical Wellness

The intermediate level of health is physical wellness. The office furniture that can rise and fall, the ground with flexible material, the gym with bright sunshine have largely alleviated the office syndrome.

Mental Well-being

The third level of health is Mental Well-being, which is mostly considered by the designer. The whole Office is a single space with flexible and comfortable desks in order to create free and equal working atmospheres. There are several soundproof phone booths randomly distributed in the open space which also can be used as private working units.

There are a number of different forms of closed units interspersed in the open office area which provide meeting and communicating area. This design meets fast all the needs of the modern workspace. Maternal and child rooms and toilets for the disabled illustrate the enterprise's care for humanity.

The designer uses natural and pure colors to interpret the design concept: “Shang Shan Ruo Shui”. The whole space has no boundary, no focus and is infinitely extended and provides the users with a peaceful and relaxing environmental experience.

On the date of completion acceptance, key air indexes such as pm2.5/pm10 and VOC was close to zero.

**Brands / Products**

Please share with us the materials and manufacturers that you used in your project(s). This vital piece of information will help architects around the world find the best resources for their projects.

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