

LAB OF THE YEAR AWARD WINNER 2018

CJ BLOSSOM PARK



Photographer: Tim Griffith

WALDNER



LAB OF THE YEAR AWARD

The CJ Corporation is one of South Korea's largest companies. To bundle its laboratory tasks, particularly in the research and development fields of pharmaceutical, biotechnology, and food products, the group decided to build a new complex of buildings in the city of Suwon, 48 km south of Seoul – the CJ Blossom Park. The objective was to lay out nothing short of a world-class scientific discovery center reflecting the company's "Only One" spirit and its desire to be the "first, best and different" in all aspects of business. And this meant to create an inspiring working environment in which communication is fostered – not only for their own staff but also in order to successfully attract new, qualified employees in a competitive labour market.

Therefore CJ wanted to create a dynamic workplace that breaks down the walls between disciplines, blurs the boundaries between discovery and commercialisation, bridges geographies, and ultimately, transforms its approach to science.

AWARD WINNING

The building project was implemented by the US based architectural services provider CannonDesign – and already won the Best of Asia Pacific Design Award of the International Interior Design Association. Its organic shapes and lots of natural light, as well as the almost 50 different types of spaces that respond to different types of human behaviors – from cafes and coffee shops to lounges, fitness areas, sleeping pods and even an interior living forest.

WALDNER WAS THE NUMBER ONE CHOICE

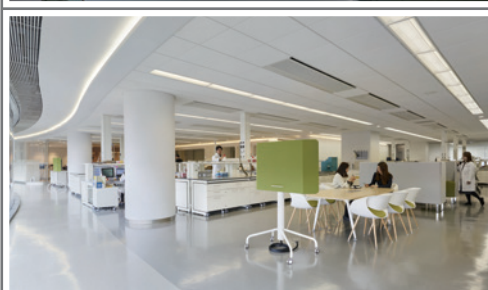
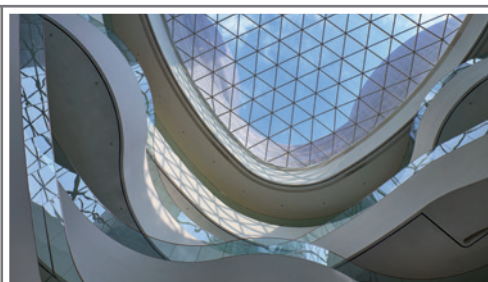
This openness and the enormous flexibility even extend to the laboratories, thus making the building a "vivid research centre" – a requirement specified by CJ. As the corporation needed to provide good quality for its researchers' main workplace, the laboratory, WALDNER was the number one choice because of its reputation. Besides, there are only a few companies in the industry that could provide flexibility and quality for such a scope of services.

More than 2,000 flexible laboratory workbenches, following a grid size of 1.5 m, partly with top-mounted

cabinets, and equipped with an electric services distribution system can be put together in any combination. Each workbench has 6 to 8 sockets and connections and a 6 m long cable, which means that it can be placed within a radius of 6 m next to one of the ca. 400 service columns. The service columns in turn are fed from the ceiling and also provide the necessary power and IT sockets. Furthermore a third of these columns also supply other services to the workplace, e.g. with extraction spigots or synthetic gases. Owing to the stringent modularity of the workbenches instruments may be encased even in a standardised way to avoid sounds and influences caused by heat.

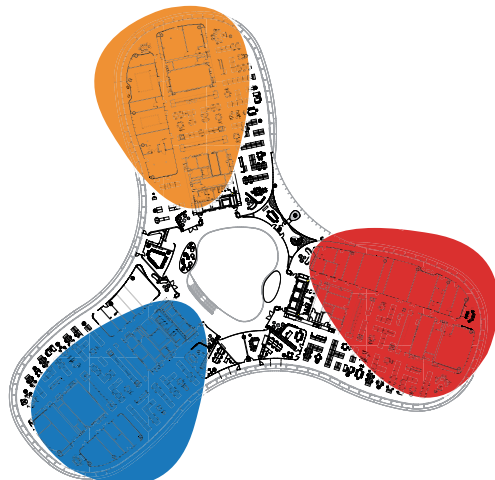
The New Scientific Workplace is highly adaptable, inspirational, extremely efficient, comfortable and healthy by a fully-integrated sustainable design approach.

WALDNER



Photographer: Christopher Barrett
Design Architect: CannonDesign

Shaped like petals – taken its inspiration from the South Korean CJ Group's logo – the three towers of CJ Blossom Park soar into the sky. Researchers from **food**, **pharmaceutical** and **biotech** industries shall each be housed in one of the three towers to push new developments ahead.



PROJECT INFORMATION

NAME

CJ Blossom Park

LOCATION

Suwon, South Korea

OWNER

CJ Corporation

TOTAL GROSS SIZE

11,148 m²

SUBMITTER, DESIGN ARCHITECT, LABORATORY PLANNING, LIGHTING DESIGN, ENVIRONMENTAL GRAPHICS, INTERIOR DESIGN, MEP ENGINEERING

CannonDesign Mehrdad Yazdani, Principal

EXECUTIVE ARCHITECT

Heerim Architects & Planners

STRUCTURAL ENGINEER

ARUP

CIVIL ENGINEER

Duksung Alpha Civil Eng & Consulting

LANDSCAPE ARCHITECT

PARKKIM

CONTRACTOR/CM

CJ E&C

ACOUSTICAL

Korea Soltech Co

WIND AND/OR OTHER CONSULTANTS: CFD MODELING

RWDI

LAB FUME CUPBOARDS MANUFACTURER

Waldner

LAB FURNITURE MANUFACTURER

Waldner

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