

INTEGRALAB®
SUCCESS
STORIES

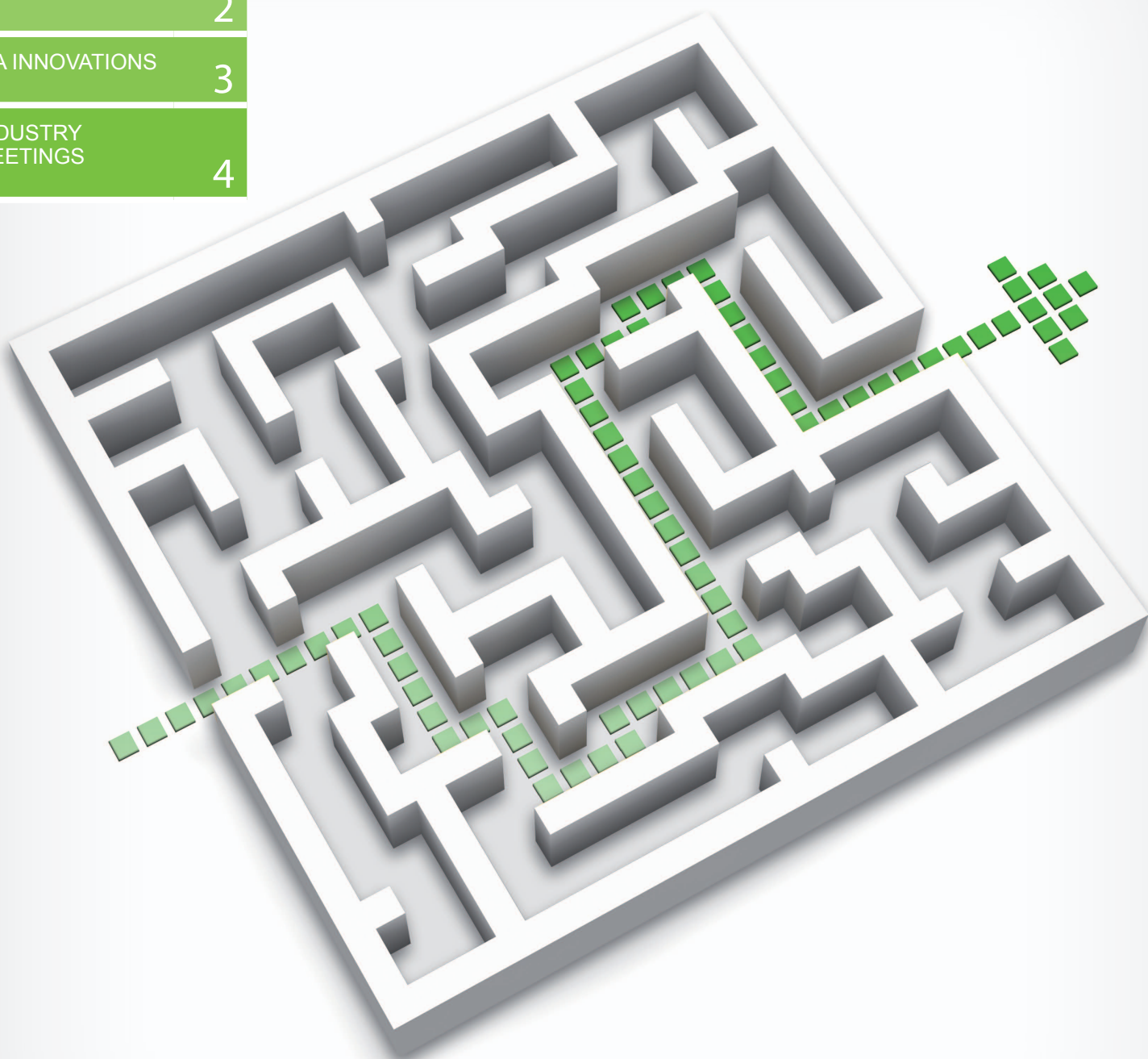
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IBA INNOVATIONS

3

INDUSTRY
MEETINGS

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01 | IBA IntegraLab®'s team supports American PET centers to comply with new FDA regulations

To enhance quality and safety of injectable radiopharmaceuticals, the FDA set December 12, 2011 as a deadline for the American radiopharmacies to be compliant with its latest regulations.

Thanks to its know-how and experience, the IntegraLab® team of experts gives effective support and helps radiopharmacies in complying with the new FDA regulations. IBA's longstanding experience in setting-up cGMP and GMP (Europe) radiopharmacies already benefited several American PET centers.

To know more about these new services and to benefit from IBA's support, visit us at SNM annual meeting in San Antonio, TX (IBA booth #7059) or contact us directly (info-cyclo@iba-group.com).



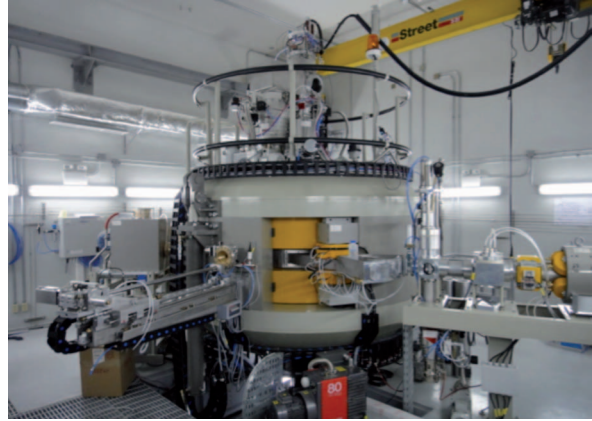
02 | Cyclone® 30 installed in Saudi Arabia

The installation of IBA Cyclone® 30 with 3 beam transport lines has been completed at the King Faisal Specialist Hospital & Research Centre (KFSHRC) in Riyadh, Saudi Arabia.

The comprehensive radioisotopes production program of KFSHRC includes SPECT and PET radiopharmaceuticals.

IBA has supported KFSHRC in designing the

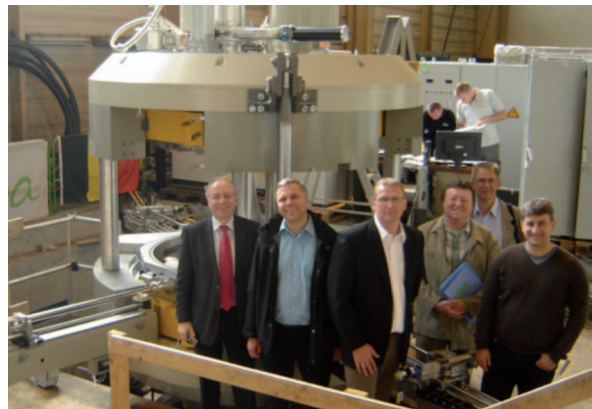
radiopharmacy (layout, shielding and HVAC) to be compliant with the regulatory agency in Saudi Arabia. Furthermore, IBA developed, installed and integrated a Building Interlock System reinforced by a comprehensive Risk Analysis to reach state of the art safety monitoring.



IBA Cyclone® 30 with 3 beam transport lines installed at the KFSHRC in Riyadh, KSA.

03 | Jülich Research Center team visits IBA as Cyclone® 30XP shipment approaches

A team of engineering and construction experts of the Forschungszentrum Jülich made a fully satisfactory visit at IBA to see their future high performance Cyclone® 30XP. Final tests on the cyclotron and all major peripheral equipment (beam transport line, targetry and switching magnet) were carried out. It will soon be shipped and installed in their facility.



Forschungszentrum Jülich's team of engineering and construction experts in front of their high performance Cyclone® 30XP.

04 | IntegraLab® success: Biomedical inauguration in Malaysia

The first industrial GMP PET center in Kuala Lumpur, Malaysia, was inaugurated in May with the presence of Dato Sri Liow Tiong Lai (Minister of Health, Malaysia), Dato Sri Tai Hean Leng (chairman of MASTEEL), Mr. J.C. Marcourt (Regional Minister of Economy, Belgium), H.E. Mr. Marc Mullie (Ambassador of Belgium in Malaysia) and Mr. Philippe Hermans (co-CEO of SBI) and Manoj Sahasrabudhe.

The facility is equipped with an IBA Cyclone® 18/9 includes 2 cyclotron's vaults to support future expansion plans. IntegraLab® supported all phases of this project from building design to regulatory validation.



Inauguration of the first industrial GMP PET center in Kuala Lumpur, Malaysia in the presence of Malaysian and Belgian Officials.

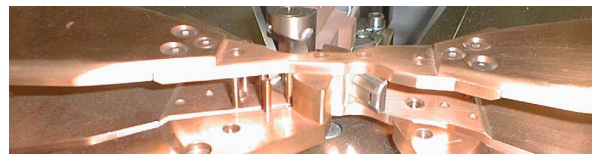
05 | IBA's twin sources patented for increased reliability

The dual proton source system of IBA cyclotrons has been exclusively patented to offer IBA customers the following benefits:

- ▶ Double source, double life: The Cyclone® 18 Twin has been designed to host two new proton ion sources while benefiting from all the other features of the Cyclone® 18 family.
- ▶ Increased reliability: This unique feature of

dual proton sources strongly increases uptime and reliability of production. Switching to a second spare source during production is simple, fast and completely automated.

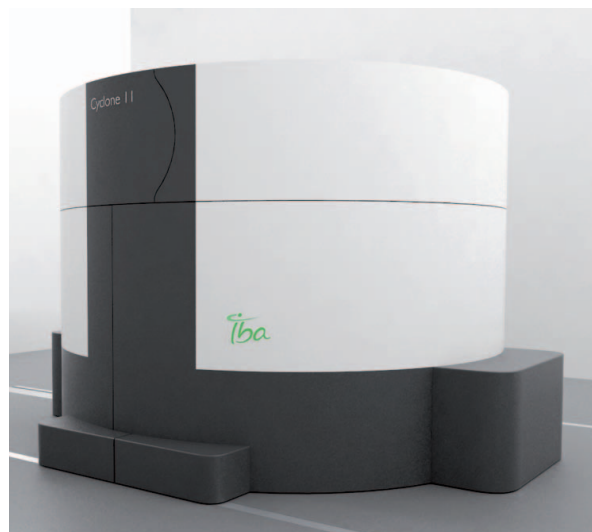
- ▶ Reduced maintenance: Thanks to its twin system, the global ion source lifetime is greatly extended. The number of maintenance interventions is reduced and personnel exposure further limited. The Cyclone® Twin central region has been designed in order to host two new proton ion sources. This unique feature strongly increases uptime and reliability of production.



06 | The first new self-shielded Cyclone® 11 installed in Beijing

The compact high performance self-shielded IBA cyclotron, Cyclone® 11, has been rigged at the People's Liberation Army 169 Hospital in Beijing, PR of China. The hospital will start the production of radiopharmaceuticals on time by the end of August.

This new generation of self-shielding offers an easier installation and better radiation safety.



New Cyclone® self-shielding

07 | Industry meetings:

Meet us and discover the IntegraLab® solution at the following industry events:

- ▶ SNM, San Antonio, TX, USA - June 4-7
Booth #7059. More information on <http://www.iba-snm2011.com>.
- ▶ ISRS, Amsterdam, The Netherlands - Aug 28-Sept 2nd - Visit IBA booth for more information on "Synthera® and non-conventional radioisotopes production solutions" symposium and to collect free entry pass to the IBA soirée.
- ▶ ALASBIMN, Brazil Sept 28th- Oct 1st
Attend the Synthera® satellite meeting.



08 | Synthera®, a truly multi-tracers platform

Synthera® users developments

Synthera® Do-all-in-one platform* has proved its flexibility in synthesizing on routine beyond FDG tracers:



ML 10
Apoptosis imaging

F-Acetate
Prostate cancer

F-A85380
Visualization of nicotinic acetylcholine receptor

FMISO
Assessment of hypoxia in malignancies

NaF
Bone scan

AV45
Alzheimer disease

SFB
Peptide labeling

FCH
Prostate cancer

FHBG
Monitors efficiency of tumor gene transfer therapy

FLT
Imaging of cell proliferation in tumors

FP-DTBZ
Brain imaging reflecting integrity of monoaminergic neurons

FAZA
Hypoxia

Fallypride
Determination of Dopamine D2 receptor

Tc^{99m} TRODAT
Brain imaging for parkinson disease

* IBA has not validated the sequences developed by its customers on Synthera® platform. The sequences are not included in the delivery scope of the system.

IBA CONTACTS

ISSUE 9, SUMMER 2011

IBA Molecular
Chemin du cyclotron, 3
1348 Louvain-la-Neuve
Belgium
Tél. : +32 10 47 58 31
Fax: + 32 10 47 59 00
molecular@iba.group.com

Peter Leitner
Sales & Marketing Director
peter.leitner@iba-group.com

Dan Conatser
Sales Manager North America
dan.conatser@iba-group.com

Li Chen
Sales Manager China
chen.li@iba-group.com

Bruno Scutnaire
Sales Manager MEA & Southern Europe
bruno.scutnaire@iba-group.com

Oliver Holderbaum
Sales Manager Northern and Eastern Europe
oliver.holderbaum@iba-group.com

Pablo Veiga Torres
Sales Manager Latin America
pablo.veiga@iba-group.com