

SYNTHERA®
GOES SCIENTIFIC

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SYNTHERA®
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01 | Small dimensions, huge potential

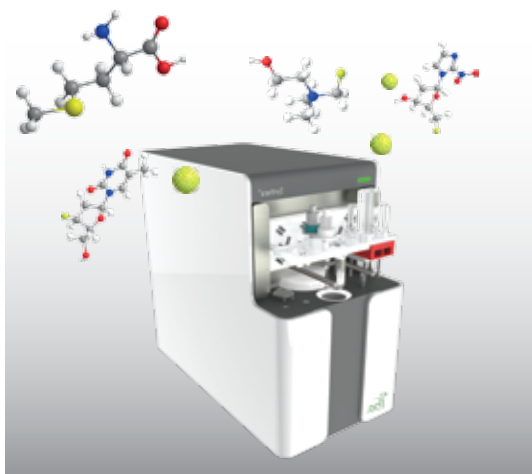
Most compact

Up to 3 Synthera® in one standard hot cell.



Multi-tracers

Multiple tracers in a single platform.



Multi-run

Consecutive production thanks to IFP™ ejection into a shielded receptacle.



02 | Synthera® goes scientific

Accepted publications

As radiochemistry reference module, numerous scientific papers were presented:

- ▶ Critical points for improvement of performance in a summary of module Synthera® ¹⁸F-DG. *Accepted for Spanish society of NM 2010*
- ▶ Fully automated synthesis of apoptosis probe PET ¹⁸F-ML-10 with a multipurpose chemistry platform. *Accepted for SNM 2010*
- ▶ Routine Automated Production of ¹⁸F-Labelled Radiopharmaceuticals on IBA Synthera® Multi-Purpose Platform. *Accepted for WTTTC 2010*
- ▶ Optimized production of ¹⁸F-radiopharmaceuticals on Synthera® automated Platform. *Accepted for WIPR 2010*
- ▶ Reliable and optimized production of ¹⁸F-labeled tracers on fully automated synthesis platform. *Accepted for ESRS 2010*
- ▶ Nucleophilic Labeling Reactions on Synthera®: A Multipurpose Synthesis Platform. *Accepted for SNM 2010*

Read more on <http://www.iba-cyclotron-solutions.com/references/publications>



IBA Award for scientific publication

Ruth Catalan from University of Pamplona (Spain) and Guillermo Casale from Bacon Lab (Argentina) received the IBA award for their publications with Synthera® platform in National and International conferences.

Be a IBA AWARD winner, take your chances and submit a paper with an IBA Equipment.

To participate to IBA award, just send your scientific paper to: iba.award@iba-group.com



03 | User's corner

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.

Synthera® users satisfaction survey

95% According to the customer satisfaction survey performed in 2010, 95% of users of sites reported Synthera® module meets and above expectations.

With more than 180 modules worldwide, Synthera® is established as the radiochemistry standard.

04 | Synthera® get-together

Synthera® lunch Symposium during WFNMB

Synthera® Lunch Symposium during WFNMB 2010 was a big success. Synthera® compactness, multi-purpose and multi-run capability attracted 10% of total congress attendees. Synthera® platform's new features were presented by Guillermo Casale (Bacon Lab-Argentina). He shared his one-year experience with Synthera® for routine production of FDG.



Synthera® lunch Symposium during ESRR 2010

Victor Amador from St Jude children's research hospital Memphis/US talked about his experience in FDG production thanks to his 2 Synthera® modules. He also presented his plans to produce other tracers.



Synthera® users meeting

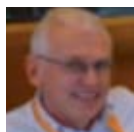


The first Synthera® users meeting was held before EANM Oct. 10 in Vienna. During this one-day meeting Synthera® users had the opportunity to share their experience and ideas through lectures and workshops. Users' feedback was very positive and they are looking forward to the next meeting in October 2011 in Coimbra/PT.



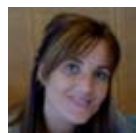
"I really enjoyed it and thought it very useful. I look forward to the next one".

Gordon Chan, Radiopharmacist Austin/AU



"Very good range of topics and all speakers were easy to listen to and informative. I found it of particular relevance given my very recent introduction to Synthera®."

Ian Davies, Technical Director Cardiff/UK



"The user meeting was excellent. I have learned a lot with it was memorable."

Ruth Catalan Uni. Navarra/SP



"Synthera® User meeting was professionally organized, and I have gained a lot of new knowledge and information".

Hrvoje Prpi, MD, Board President Medikal/CR

05 | More coming-up

▶ Synthera® user meeting 2011 in Coimbra/PT

▶ Scientific papers on:

- ✓ ¹⁸F-Miso
- ✓ ¹⁸F-SFB
- ✓ ¹²⁴I MIBG
- ✓ ⁶⁸Ga
- ✓ ¹⁷⁷Lu
- ✓ ¹³¹I

▶ Satellite symposium during Turku conference (Finland) and ISRS 2011 (Amsterdam).

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