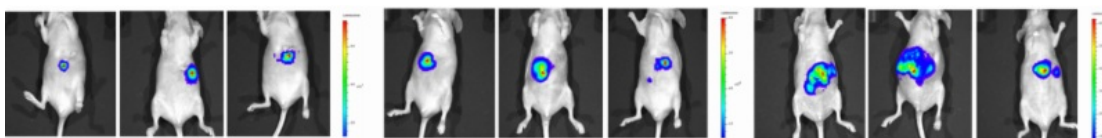


Featured News

Looking for Tumor Models that are Clinically Relevant and Better Predictors of Drug Efficacy?

Effective preclinical models are crucial for the advancement of anticancer therapeutics. Standard subcutaneous models provide efficient efficacy evaluation, while orthotopic models are considered more biologically representative of the tumor microenvironment. Orthotopic tumor growth mimics human disease progression due to the seeding of tumor cells directly into the organ of origin, providing greater clinical relevance over traditional models.

Disease progression in orthotopic models can be evaluated through clinical signs, survival study design and tumor growth tracing of bioluminescent signal in luciferase-gene labeled cancer cell lines.



Benefits of Orthotopic Models:

- Implantation in primary tumor source allows for organotypical interaction between tumor cells and surrounding stroma
- Formation of metastases
- In vivo imaging in real-time

Download:

[Orthotopic Models Data Sheet](#)

Improving Efficiency and Candidate Success in Drug Discovery and Development

In vitro ADME assays play a crucial role in the development of candidate compounds by providing data on pharmacokinetics, absorption, toxicity and potential for drug-drug interaction. Late-stage failure for novel compounds is high; attrition rates as high as 40% are attributed to drug metabolism and pharmacokinetic (DMPK) issues alone.

BioDuro's DMPK department provides in vitro ADME studies to assist decision making in the drug discovery process and reduce risk of failure in clinical development.

View available in vitro ADME services:

[In Vitro ADME Assays](#)

BioDuro Adds CMC Capacity and Expert Resources in San Diego

BioDuro has expanded its equipment line and grown its team in San Diego, home to its formulation development and manufacturing operations.

Equipment additions:

- Korsch Tablet Press
- Buchi B290 Spray Dryer
- Rigaku X-Ray Powder Diffraction Analyzer
- Glen Mills Dyno-Mill

Staff additions:

- 2 Formulation Scientists
- Manufacturing Engineer
- 2 Analytical Development Scientists
- QC Chemist
- QA Auditor
- Program Manager
- Materials Specialist

The added depth reflects BioDuro's continuing pursuit of success in supporting client drug development programs.

To learn more about our comprehensive development and manufacturing services, [reach out to us](#) or [visit our website](#).

Making Strides Against Pancreatic Cancer



Since 2008, the Pancreatic Cancer Action Network has been raising funds and awareness for pancreatic cancer through PurpleStride, a 5K walking event. Each year, supporters gather at more than 50 PurpleStride events nationwide. BioDuro joined PurpleStride San Diego this year as walkers and runners. Thank you to everyone who came in support of making strides against pancreatic cancer!

Events

BioDuro will be attending the following industry events:

Outsourced Pharma San Francisco

October 17-18, 2017

San Francisco, CA

Booth #37

[Register for a FREE pass!](#)
[Promo code: BIODU](#)

[Schedule a Meeting](#)

PBSS San Francisco Bay: Good Manufacturing Practices (GMPs) from R&D through Commercialization: Fundamentals, Regulatory Trends and Best Practices

October 24, 2017
Foster City, CA

[Schedule a Meeting](#)

AACR New Horizons in Cancer Research

November 6-9, 2017
Shanghai, China

Booth #3

[Schedule a Meeting](#)

AAPS Annual Meeting and Exposition

November 12-15, 2017
San Diego, CA

Booth #1943

Technical Poster Presentations:

Effect of Nozzle Mechanism and Spray Dried Dispersion Parameters on Final Dissolution of Spray Dried Tablets

Enteric Solid Dosage Formulation for Physiologically Active Proteins and Peptides

Multiparticulate Drug Delivery System for Physiologically Active Proteins and Peptides

Effect of Additives on Preparation of Posaconazole Nanosuspensions

[Register for a FREE expo hall pass!](#)
[Promo code: 948](#)

Schedule a Meeting

Industry Insights

FDA drafts guidance on post-approval manufacturing for biologics

New Drug Approvals in 2017 Outpacing 2016

Big Pharma including Pfizer, Sanofi meet to fight noncommunicable diseases around the world

Forty Years of Drug Product Manufacturing Advances

China is looking at ways to eradicate bottlenecks in drug development

+1 (858) 529-6600 | hello@bioduro.com | www.bioduro.com

BioDuro is a global provider of contract research and manufacturing solutions to biopharmaceutical companies.

From drug substance to drug product, discovery to development, small molecule or biologics-- we are in pursuit of your success.

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