

**Jeffrey N. Peterson Joins Pressure BioSciences, Inc. Board;
Release of Second Tranche Brings Private Placement Receipts to Over \$1.1 M**

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South Easton, MA, June 22, 2011 – Pressure BioSciences, Inc. (NASDAQ: PBIO) (“PBI” or the “Company”) today announced that Mr. Jeffrey N. Peterson, CEO of Target Discovery, Inc. (Palo Alto, CA), was elected to the Company’s Board of Directors effective Tuesday, June 21, 2011. The Company also announced that it has received gross proceeds of approximately \$275,000 from the sale of additional securities in the second tranche of its \$6.0 million Series C private placement. The Company has now received approximately \$1.1 million in aggregate gross proceeds from the first two tranches of the Series C offering

Mr. Peterson was elected contingent and effective upon the purchase of an aggregate of at least \$500,000 of securities in the Series C private placement by Mr. Clayton A. Struve (Chicago, IL). Mr. Struve purchased \$250,170 worth of securities on April 8, 2011 and an additional \$250,450 worth of securities on June 21, 2011.

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**PCT-related Posters Presented at the
59th ASMS Conference on Mass
Spectrometry and Allied Topics,
June 5 - 9, 2011 at the Colorado
Convention Center in Denver, CO.**

**Global deglycosylation in high throughput
LC-MS glycomics: Comparing microwave,
barocycling, and ultrasound effects on
PNGase F with human serum**

Scott R. Kronewitter; Robert A. Heegel; Daniel J. Orton; Heather M. Brewer; Carrie D. Nicora; Daniel López-Ferrer; Gordon W. Slysz; Matthew E. Monroe; Kevin L. Crowell; Brian L. LaMarche; Anuj R. Shah; Ronald J. Moore; Gordon A. Anderson; David G. Camp II; Richard D. Smith

Pacific Northwest National Lab, Richland, WA

Novel Aspect: Direct comparison of de-glycosylation efficiencies for several modern digestion enhancement methods applicable to high throughput glycoproteomics.

**Identification and Validation of Vaccine
Candidate Proteins by 2-Dimensional Mass
Spectrometry Analysis of Group A
Streptococcus**

Lori C Stansberry; Angela Payne; Julie Skinner; Loren Schultz; Jon Heinrichs; Eberhard Durr
Merck and Co., West Point, PA

Novel Aspect: A comparative proteomic approach for identifying and validating bacterial surface-exposed proteins by mass spectrometry for a vaccine against GAS.

PBI Corporate Poster:

**Innovative Sample Preparation Tools for
Proteomics and Analytical Laboratories**

Pressure BioSciences, Inc. 14 Norfolk Ave.,
South Easton, MA 02375

Click on Titles for Full Posters

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CALENDAR OF PBI EVENTS

<u>BioResearch Product Faire™</u>	<u>25th Anniversary Symposium of The Protein Society</u>
UNIVERSITY OF MICHIGAN, ANN ARBOR	BOSTON, MA
July 14, 2011 10:00 AM – 2:30 PM	July 23-27, 2011

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About Jeffrey N. Peterson

Mr. Peterson, currently the CEO of Target Discovery, Inc. (TDI), a biotechnology company, has broad executive, general management, multi-functional, multi-business, and international experience. He has guided TDI through 12 years of breakthrough proteomics platform tools development and positioning as an emerging leader in Personalized Medicine Diagnostics.

Prior to TDI, Mr. Peterson spent nine years in key management roles in Abbott Laboratories' International and Diagnostics businesses. He last served as CEO and General Manager of Abbott South Africa. He played a management role in Abbott's successful introduction and support of multiple new diagnostics instrument and reagent systems in Abbott's X-System series, including the IMx. Mr. Peterson's experience prior to Abbott included 11 years with General Electric's Engineered Materials and Plastics businesses, spanning roles in strategic planning, business development, technology licensing, marketing/sales, operations/quality, and R&D.

Mr. Peterson holds BSChE and MSChE (Chemical Engineering) degrees from MIT. He serves on the Board and is Chairman Emeritus of the BayBio Institute, a non-profit organization serving the regional life science community, and on the Board of BayBio, the trade association for the life sciences industry in Northern California. He is a co-founder of the Coalition for 21st Century Medicine, and of BIO's Research Tools & Molecular Diagnostics Working Group.

About the Series C Private Placement

The securities were issued in a private placement without registration under the Securities Act of 1933, as amended (the "Securities Act"), in reliance upon the exemption from registration set forth in Rule 506 of Regulation D promulgated under the Securities Act. More information on this private placement can be found in the Current Reports on Form 8-K, filed by the Company on April 8, 2011 and June 21, 2011.

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PCT-related Posters Presented at the 59th ASMS Conference on Mass Spectrometry and Allied Topics, June 5 - 9, 2011 at the Colorado Convention Center in Denver, CO.
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Click on Title for Complete Poster

[Development of a 20 kpsi Enzymatic Digester for High Throughput Proteomic Analysis and Its Application to Membrane Proteomics](#)

Seok-Won Hyung¹; Daniel López-Ferrer¹; Daniel J. Orton¹; Erika Zink¹; Karl K. Weitz¹; Rui Zhao¹; Ronald J. Moore¹; Kim K. Hixson¹; Edmund Y. Ting²; Alexander V. Lazarev²; Richard D. Smith¹
¹Pacific Northwest National Laboratory, Richland, WA; ²Pressure Biosciences, Inc, South Easton, MA

Novel Aspect: A new automated high pressure online enzymatic digestion reactor provides comparable digestion to overnight methods in just 20 min.

The Following Poster Titles are Available as Abstracts Only from PBI

[The Evaluation of Pressure-Assisted Enzymatic Digestion for the Optimal Digestion of Monoclonal Antibodies](#)

Yazen Jmeian; Eric Beil; Dariusz Janecki; Steven C. Pomerantz; Jennifer F. Nemeth
Centocor R&D, a division of J&JPRD LLC, Radnor, PA

Novel Aspect: Reducing the time required for the characterization of therapeutic mAbs by bottom-up approaches.

[Does LC Separation of Intact Proteins Hinder Identification of Bacterial Markers?](#)

Melinda A. McFarland; Denis Andrzejewski; John H. Callahan; Steven M. Musser
FDA-CFSAN, College Park, MD

Novel Aspect: Comparison of detected intact masses, top-down, and bottom-up for identification of strain specific bacterial markers.

Please Contact the Authors for Full Posters

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This press release is not an offer to sell or a solicitation of offers to buy securities in the Series C private placement. The securities have not been registered under the Securities Act and may not be sold in the United States absent registration under the Securities Act or an applicable exemption from registration requirements.

Forward Looking Statements

Statements contained in this press release regarding the Company's intentions, hopes, beliefs, expectations, or predictions of the future are "forward-looking" statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward looking statements include statements that imply that the Company will sell any additional securities in subsequent closings of the private placement. These statements are based upon the Company's current expectations, forecasts, and assumptions that are subject to risks, uncertainties, and other factors that could cause actual outcomes and results to differ materially from those indicated by these forward-looking statements. These risks, uncertainties, and other factors include, but are not limited to: possible difficulties or delays in the implementation of the Company's strategies that may adversely affect the Company's continued commercialization of its PCT-based product line; changes in customer's needs and technological innovations; the Company's sales force may not be successful in selling the Company's PCT product line because scientists may not perceive the advantages of PCT over other sample preparation methods; that the Company may not be successful in raising additional funds beyond the first two tranches of approximately \$1.1 million; and if actual operating costs are higher than anticipated, or revenues from product sales are less than anticipated, the Company may need additional capital sooner than expected. The Company will need additional capital to fund its operations and there can be no assurance that such additional capital will be available on acceptable terms if at all. Additional risks and uncertainties that could cause actual results to differ materially from those indicated by these forward-looking statements are discussed under the heading "Risk Factors" in the Company's Annual Report on Form 10-K for the year ended December 31, 2010, and other reports filed by the Company from time to time with the SEC. The Company undertakes no obligation to update any of the information included in this release, except as otherwise required by law.

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<http://www.pressurebiosciences.com>



Inexpensive, portable, and lightweight

Low shear mechanical homogenization

Three position lever for setting reproducible force

Gentle enough for isolating intact, functional mitochondria

Powerful enough to rapidly break apart difficult samples

- Plant and animal tissue
- Ticks and other arthropods
- Nematode cuticle

The SHREDDER SG3

Watch for PBI'S launch of the Barocyler HUB440

A State-of-the-Art, High Pressure Generator (up to 56K psi) for Multiple Bioscience Applications

25th Anniversary Symposium of The Protein Society

VISIT US AT BOOTH 500