

# Patents Report



## Division of RESEARCH REPORT

PHILADELPHIA  
COLLEGE OF  
OSTEOPATHIC  
MEDICINE

# Patents Report



## Marina D'Angelo, BMS PA

COMPOSITIONS AND METHODS FOR INHIBITION OF MMP:MMP-SUBSTRATE INTERACTIONS USPTO #13/269,518 Docket No: P224717.US.01 (issued December 13, 2013)

COMPOSITIONS AND METHODS FOR INHIBITION OF MMP:MMP SUBSTRATE INTERACTIONS USPTO #14/263,443 Docket No.: P224717.US.02 (490413-00001) (issued January 4, 2016)

COMPOSITIONS AND METHODS FOR INHIBITION OF MMP8:MMP8-SUBSTRATE INTERACTIONS USPTO# 15/978,850 Docket No: P224717.US.04 (490413-00001) (issued May 14, 2018)

## Mindy George-Weinstein and Jacquelyn Gerhart, Division of Research

Compositions and Methods for the Treatment of Lens Fibrotic Disease, #20110256054

Compositions and Methods for Treating Cancer, #20150037358

Cellular Delivery of DNA Intercalating Agents, #20170312299

Optically Clear, In-Situ Forming Biodegradable Nano-Carriers for Ocular Therapy, and Methods Using Same, PCT/US2018/025604

Methods and Kits for Detecting Myo/Nog Cells in Human Adipose Tissue and Methods of Use Thereof, PCT/US17/26606

# Patents Report



## Arturo Bravo-Nuevo, BMS PA

US9446007B2

Methods for maintaining or improving health, well-being and/or a physiological function in a subject

WO2016100851A1

Methods and compositions for the treatment of retinopathy and other ocular diseases

## Srujana Rayalam, Pharm Sci

Xanthohumol Compositions and Methods of Using Same. Inventors: Clifton A. Baile, Mary Anne Della-Fera, Jeong-Yeh Yang, Srujana Rayalam, Hea Jin Park; United States Patent: 8,101,213 (Jan 24, 2012)

Compositions and methods of the treatment of obesity and osteoporosis; Inventors: Mary Anne Della-Fera, Srujana Rayalam, Clifton A. Baile, USPTO Application #:20100093678 - Class: 514167 (USPTO)

## Yun Bai, Pharm Sci

G-CSF-Transferrin Fusion Proteins

Shen WC, Bai Y, Ann DK, and Widera A. US Patent No. US20130143949A1.

## Brian Balin, BMS PA

US Patent - #7,282,343 - Abrams and Balin - Compositions, methods and kits for diagnosis and treatment of Chlamydia pneumoniae infections of the skin and those associated with cutaneous T-cell Lymphoma

US Patent - #7,189,703 - Balin et al - Treatment and Diagnosis of Alzheimer's disease

# Patents Report



## Francis Jenny BMS GA

U.S. Patent No. 7,582,475 B2. Horanyi, P.S., J. Griffith, B.-C. Wang, and F.E. Jenney, Jr. "Vectors and methods for high throughput co-expression". Approved September 1, 2009.

U.S. Patent application pending. Adams, M. W. W., Hopkins, R. C., Jenney, F. E., and Sun, J. "Hydrogenase Polypeptides and Methods of Use". US Provisional Patent Application, serial number not yet assigned (filed December 5, 2007)

## Lindon Young BMS PA

Docket #	Country	Status	Annuity Cost	Title	App #	App. Date	Patent #	Grant Date
072689.0134	India	Filed	Annuity not due until application has issued	ORGAN PRESERVATION AND/OR PERFUSION	2580/KOLNP/2008	12/11/2006		
072689.0121	Brazil	Filed	2015 - \$658; 2016 - \$658	PERFUSION AND/OR PRESERVATION SOLUTION FOR ORGANS	PI0606623-2	01/13/2006		
072689.00166	Ireland	Granted	2015 - \$702; 2016 - \$733	ORGAN PRESERVATION AND/OR PERFUSION	06847547.4	12/11/2006	2056851	07/10/2013

# Patents Report



Docket #	Country	Status	Annuity Cost	Title	App #	App. Date	Patent #	Grant Date
072689.00159	Czech Republic	Granted	2015 - \$693; 2016 - \$797	ORGAN PRESERVATION AND/OR PERFUSION	06847547.4	12/11/2006	2056851	07/10/2013
072689.00158	Switzerland	Granted	2015 - \$899; 2016 - \$963	ORGAN PRESERVATION AND/OR PERFUSION	06847547.4	12/11/2006	06847547.4	07/10/2013
072689.00160	Germany	Granted	2015 - \$856; 2016 - \$1,020	ORGAN PRESERVATION AND/OR PERFUSION	602006037295.7	12/11/2006	2056851	07/10/2013
072689.00165	Great Britain	Granted	2015 - \$681; 2016 - \$718	ORGAN PRESERVATION AND/OR PERFUSION	06847547.4	12/11/2006	2056851	07/10/2013
072689.0126	EPC	Granted	2015 - \$2,466; 2016 - \$2,466	PERFUSION AND/OR PRESERVATION SOLUTION FOR ORGANS	06718353.3	01/13/2006	1845773	04/21/2017
072689.0139	EPC	Granted	Application has granted, no annuity due	ORGAN PRESERVATION AND/OR PERFUSION	06847547.4	12/11/2006	2056851	07/10/2013
072689.00164	France	Granted	2015 - \$649; 2016 - \$704	ORGAN PRESERVATION AND/OR PERFUSION	06847547.4	12/11/2006	2056851	07/10/2013
072689.00168	Poland	Granted	2015 - \$738; 2016 - \$775	ORGAN PRESERVATION AND/OR PERFUSION	06847547.4	12/11/2006	2056851	07/10/2013
072689.0117	Israel	Granted	2016 - \$523	PERFUSION AND/OR PRESERVATION SOLUTION FOR ORGANS	184625	01/13/2006	184625	03/31/2011
072689.0133	Israel	Granted	Not due until grant	ORGAN PRESERVATION AND/OR PERFUSION	192047	12/11/2006	192047	10/23/2016

# Patents Report



Docket #	Country	Status	Annuity Cost	Title	App #	App. Date	Patent #	Grant Date
072689.00148	New Zealand	Granted	2015 - \$442; 2016 - \$523	PERFUSION AND/OR PRESERVATION SOLUTION FOR ORGANS	588324	01/13/2006	588324	06/05/2012
072689.0128	New Zealand	Granted	2015 - \$442; 2016 - \$523	PERFUSION AND/OR PRESERVATION SOLUTION FOR ORGANS	560615	01/13/2006	560615	07/11/2011
072689.00155	Austria	Granted	2015 - \$1,076; 2016 - \$1,219	ORGAN PRESERVATION AND/OR PERFUSION	E620542	12/11/2006	2056851	07/10/2013
072689.0130	Canada	Filed	2015 - \$752; 2016 - \$801	ORGAN PRESERVATION AND/OR PERFUSION	2632777	12/11/2006		
072689.0115	Canada	Filed	2015 - \$557; 2016 - \$606	PERFUSION AND/OR PRESERVATION SOLUTION FOR ORGANS	2595086	01/13/2006		
072689.00167	Italy	Granted	2015 - \$692; 2016 - \$801	ORGAN PRESERVATION AND/OR PERFUSION	06847547.4	12/11/2006	2056851	07/10/2013
072689.00161	Denmark	Granted	2015 - \$773; 2016 - \$818	ORGAN PRESERVATION AND/OR PERFUSION	06847547.4	12/11/2006	2056851	07/10/2013