

CURRICULUM VITAE

ALFONSO E. BELLO, MD, MHS, FACP, FACR, DABPM

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EDUCATION

8/94-6/96 M.H.S. (Masters in Health Sciences), Biometry
Duke University School of Medicine, Durham, NC

9/86-6/90 M.D., University of Illinois College of Medicine, Chicago, IL

8/82-5/86 B.A., Chemistry, DePauw University, Greencastle, IN

POSTGRADUATE MEDICAL TRAINING

7/93-6/96 Fellowship (Rheumatology/Clinical Research Training Program)
Duke University Medical Center, Durham, NC

7/91-6/93 Residency (Internal Medicine)
Lutheran General Hospital, Park Ridge, IL

7/90-6/91 Internship (Medicine)
Lutheran General Hospital, Park Ridge, IL

MEDICAL LICENSURE

1996-present Illinois Medical License #036-092631

1996-present Illinois Controlled Substance License #003-036-092631-01

1993-present North Carolina Medical License #9300030 (inactive status)

1993-present DEA Registration #BB3878824

BOARD CERTIFICATIONS

1991 Diplomate, National Board of Medical Examiners

1994 Diplomate in Internal Medicine, American Board of Internal Medicine
(#148488)

1997 Diplomate in Rheumatology, American Board of Internal Medicine
(#148488) RECERTIFIED 2007

2006 Diplomate in Pain Medicine, American Board of Pain Medicine

ACADEMIC AFFILIATIONS

- 2007 –present Adjunct Associate Professor of Family Medicine
Northwestern University School of Medicine
- 2002-present Clinical Associate Professor of Medicine
University of Illinois College of Medicine, Chicago, IL
- 1998-present Consulting Associate
Duke University Medical Center, Division of Rheumatology,
Allergy, and Clinical Immunology, Durham, NC
- 1998-2002 Clinical Assistant Professor of Medicine
Finch University of Health Sciences/Chicago Medical School,
Department of Medicine, North Chicago, IL

HOSPITAL STAFF PRIVILEGES

- Evanston Northwestern Healthcare Hospitals, Evanston, IL
Advocate Lutheran General Hospital, Park Ridge, IL

PROFESSIONAL EXPERIENCE

- 9/07-present Director, Clinical Research, Illinois Bone & Joint Institute, LLC
- 6/02-present Clinical Associate Professor of Medicine, Section of Rheumatology, University of Illinois College of Medicine, Chicago, IL.
- 1/01-present Rheumatologist/ Pain Medicine, Illinois Bone & Joint Institute, Ltd., Chicago, IL
- 4/01-12/05 Chief, Section of Rheumatology, Department of Internal Medicine, Illinois Masonic Medical Center, Chicago, IL.
Function as head of the rheumatology service in a 502-bed teaching hospital. Developed curriculum and supervise resident physicians. Participate in departmental and executive council meetings.
- 3/01-present President & Chief Medical Officer, Integrated Medical Affairs, Inc., Glenview, IL.
Manage a corporation that provides services in medical marketing strategy, phase IIIb-IV clinical trial development and management, and product advocacy for the pharmaceutical industry.
- 8/98-3/01 Medical Director, Global Medical Affairs, Pharmacia Corporation, Skokie, IL
Designed and managed the North American phase IIIb/IV clinical trial development program for Celebrex®. Operating budget \$20 million. Provided strategic medical input to U.S. commercial plans for Celebrex. Acted as primary medical resource to associated functions in the U.S. marketing and sales organization. Worked with Pfizer medical counterparts in providing medical support to the commercial team. Acted

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as medical resource to associated functions in the Global Arthritis and Pain Franchise. Provide strategic input and delivered integrated physician-oriented messages for national advocates. Member, Regulatory Approval Committee. Provided medical review of all U.S. and global Celebrex promotional materials in accordance with FDA guidelines. Member, COX-2 Inhibitor Clinical Safety Committee. Reviewed safety data of all COX-2 agents in clinical trials and post-marketing surveillance.

- 9/98-6/00 Consultant, PhyCor, Inc. Nashville, TN
Participated in the Arthritis Care Management Council charged with developing arthritis treatment pathways.
- 7/96-12/00 Attending Rheumatologist, Advocate Medical Group, Park Ridge, IL
Practice clinical rheumatology consulting service. Teach medical students from Chicago Medical School and medical residents from 2 Advocate Healthcare hospitals.
- 9/97-7/98 Medical Director, Advocate Comprehensive Outpatient Rehabilitation Facilities, Chicago and Buffalo Grove, IL
Managed physical therapy clinic at 2 facilities and 20 therapists. Performed quality assurance reviews of patient plans.
- 7/94-6/96 Admitting Triage Physician, Department of Veterans Affairs Medical Center, Fayetteville, NC
Practiced clinical medicine activities in the Emergency Department. Facilitated relationship between contract physicians and regular VA Medical Staff. Managerial responsibility for recruiting physicians and scheduling.

UNIFORMED SERVICE EXPERIENCE

2007-present U.S. Public Health Service Inactive Reserve Corps, Rank: Commander.

PROFESSIONAL ASSOCIATIONS

- 2000-2001 American College of Physician Executives (Advanced Standing)
- 1995-present Duke Affiliated Rheumatology Trials Consortium
- 1994-present Fellow (inducted 1997), American College of Rheumatology
- 1994-present Arthritis Foundation
- 1990-present Fellow (inducted 2002), American College of Physicians
- 2003-present National Osteoporosis Foundation
- 2004-present American Society of Interventional Pain Physicians
- 2005-present American Academy of Pain Medicine
- 2007-present Commissioned Officer Association
- 2007-present Reserve Officer Association
- 2007-present Association of Military Surgeons of the United States

AWARDS & HONORS

1996 American College of Rheumatology Senior Rheumatology Scholar Award
1990 American College of Rheumatology Traveling Student Award
1990, 1992 University of Chicago Distinguished Resident Teaching Award

COMMITTEE PARTICIPATION

2002-2005 Pharmacology & Therapeutics Committee, Advocate Illinois Masonic Medical Center, Chicago, IL
2002-2003 CME Advisory Board, Strategic Institute for Continuing Health Care Education, Vienna, VA
2002-2005 Finance Committee, American College of Rheumatology
2006-present Rheumatoid Arthritis Research Campaign Leadership Committee, Research & Education Foundation, American College of Rheumatology

JOURNAL PARTICIPATION

2003-2004 Reviewer, *Arthritis & Rheumatism*

PHARMACEUTICAL RELATIONSHIPS

2002-present National Scientific Advisory Board, Abbott Immunology
2002-2003 National Advisory Board, Centocor
2001-present Speaker and Consultant, Pfizer Inc.
2001-2003 Speaker and Consultant, Pharmacia Corporation
2005-2006 National Scientific Advisory Board, Savient Pharmaceuticals, Inc.
2005- present National Scientific Advisory Board, Gelita Group
2005-present National Advisory Board, Genentech Inc.
2006-present National Speaker, Bristol Meyers Squibb
2006-present National Speaker, Glaxo Smith Kline.
2007-present National Speaker, Alparma

EXECUTIVE EDUCATION AND OTHER COURSES

9/99 Marketing for the Nonmarketing Manager. The University of Chicago Graduate School of Business, Chicago, IL
9/00 Media Training, Pharmacia Corporation (Company Spokesman)

COMMUNITY ACTIVITIES

Medical Staff Member, Duke University Men's Soccer Team
Soccer Coach, Wilmette Park District, Wilmette, IL
Basketball Coach, Wilmette Park District, Wilmette, IL
United States Coast Guard Auxiliary
Coast Guard Support-Health & Safety
Atlantic West Manager, Auxiliary Healthcare (Medical Officer)
Assistant District Staff Officer-Member Training, District 9W

Flotilla Staff Officer-Communications, Flotilla 3-5
 Instructor Qualified
 American Heart Association First Aid Instructor
 American Heart Association Basic Life Support (CPR) Instructor
 Interpreter Corps-Spanish
 COMPASS Program
 Boy Scouts of America
 Council Physician, Northeast Illinois Council
 Member, Risk Management Committee, Northeast Illinois Council
 Member, Heritage Society, Northeast Illinois Council
 Den Leader, Cub Scout Pack 10, Wilmette, IL
 Pack Trainer, Cub Scout Pack 10, Wilmette, IL
 Assistant Scoutmaster, Troop 2, Wilmette, IL
 Boy Scouts of America National Jamboree Medical Staff 2005
 Vice-Chairman, Scoutreach Program, Northeast Illinois Council

ORIGINAL ARTICLES

1. Bello AE, Garrett WE, Wang H, Lohnes J, DeLong E, Caterson B, Kraus VB. Comparison of synovial fluid cartilage concentrations and chondral damage assessed arthroscopically in acute knee injury. *Osteoarthritis Cartilage* 1997;5:419-426.
2. Patterson R, Bello AE, Lefkowitz J. Immunologic tolerability profile of celecoxib. *Clin Therapeutics* 1999; 21(12):2065-2077.
3. Welton A, Fort JG, Puma JA, Normandin D, Bello AE, Verburg KM. Cyclooxygenase-2-specific inhibitors and cardiorenal function: a randomized, controlled trial of celecoxib and rofecoxib in older hypertensive osteoarthritis patients. *Am J Therapeutics* 2001;8:85-96.
4. McKenna F, Weaver A, Fiechtner JJ, Bello AE, Fort JG. COX-2 specific inhibitors in the management of osteoarthritis: a placebo-controlled, randomized, double-blind study. *J Clin Rheum* 2001;7;151-9.
5. Whelton A, White WB, Bello AE, Puma JA, Fort JG. Effects of celecoxib and rofecoxib on blood pressure and edema in patients ≥ 65 years of age with systemic hypertension and osteoarthritis. *Am J Cardiol* 2002 Nov 1;90(9):959-63.
6. Whelton A, Fort JG, Puma JA, Normandin D, Bello AE, Verburg KM. Cyclooxygenase-2-specific inhibitors and cardiorenal function: a randomized, controlled trial of celecoxib and rofecoxib in older hypertensive osteoarthritis patients. *Am J Manag Care* 2002 Oct;8(15 Suppl):S371-82.
7. Goldstein JL, Bello AE, Spalding W, Suh S, Fort JG. Cyclooxygenase-2 specific inhibitors and upper gastrointestinal tolerability in patients with osteoarthritis

- receiving concomitant low dose aspirin: pooled analysis of 2 trials. *J Rheumatol.* 2005 Jan;32(1):111-7
8. Singh G, Fort J, Goldstein J, Levy R, Hanrahan P, Bello A, et. al. Efficacy and upper gastrointestinal safety of celecoxib compared to naproxen and diclofenac in patients with osteoarthritis: randomized, double blind, controlled, multicenter, multinational trial (the SUCCESS-I study). *Am J Med.* 2006 Mar;119(3):255-66
 9. Bello AE, Oesser S. Collagen hydrolysate for the treatment of osteoarthritis and other joint disorders: a review of the literature. *Curr Med Res Opin* 2006; 22(11): 2221–2232.

NATIONAL PRESENTATIONS AND EXHIBITS

1. Antiphospholipid Syndrome. United States Colombian Medical Association National Meeting, Chicago, IL, 8/31/98.
2. Cyclooxygenase-2 Inhibition in Arthritis Care. US Armed Forces Rheumatology Meeting, Tyson's Corner, VA, 11/20/98.
3. White WB, Welton A, Bello AE, Fort JG. The effects of the COX-2 specific inhibitors on systolic blood pressure and rates of edema in older treated Hypertensive patients. Scientific Abstract, 50th Annual Scientific Session of the American College of Cardiology, Orlando, FL, 3/18/01.
4. Welton A, White W, Bello A. Hypertensive Effects of Cox-2 Inhibitors on Elderly Hypertensive Patients with Osteoarthritis. Podium Presentation. American Geriatrics Society Annual Meeting, Chicago, IL, 5/11/01.
5. Singh G, Goldstein J, Bensen W, Agrawal N, Eisen G, Fort J, Bello A, Boots S. SUCCESS-1 In Osteoarthritis (OA) Trial: celecoxib significantly reduces risk of serious upper GI complications compared to NSAIDS while providing similar efficacy in 13,274 randomized patients. Scientific Abstract, European League Against Rheumatism Annual Meeting, Prague, Czech Republic, 6/14/01.
6. Goldstein J, Agrawal N, Eisen G, Stenson W, Bello A, Fort J, Boots S. Significantly improved upper gastrointestinal (UGI) tolerability with celecoxib, a COX-2 specific inhibitor, compared with conventional NSAIDs. The SUCCESS I trial. Scientific Abstract, European League Against Rheumatism Annual Meeting, Prague, Czech Republic, 6/14/01.
7. Goldstein J, Singh G, Fort J, Bello A. SUCCESS-1 in Osteoarthritis (OA) trial: celecoxib demonstrates significantly lower hepatic toxicity than diclofenac in the treatment of osteoarthritis. Scientific Abstract, European League Against Rheumatism Annual Meeting, Prague, Czech Republic, 6/16/01.
8. Singh G, Goldstein J, Fort J, Bello A, Boots S. SUCCESS-1 in Osteoarthritis: celecoxib demonstrates similar efficacy to the conventional NSAIDS, diclofenac and naproxen, in patients with osteoarthritis treated in 39 countries in 6 continents. Scientific Abstract, European League Against Rheumatism Annual Meeting, Prague, Czech Republic, 6/16/01.
9. Whelton A, Singh G, White W, Fort J, Bello A. Celecoxib does not increase the risk of cardiac failure, edema, or hypertension compared to NSAIDS: results from

- success 1, a double blind, randomized trial in 13,274 OA patients. Scientific Abstract, European League Against Rheumatism Annual Meeting, Prague, Czech Republic, 6/16/01.
10. Singh G, Goldstein J, Agrawal N, Eisen G, Stenson W, Fort J, Bello A, Boots S. COX-2 specific inhibitors - is there any benefit of using these agents in patients on low dose aspirin (ASA)? Scientific Abstract, European League Against Rheumatism Annual Meeting, Prague, Czech Republic, 6/16/01.
 11. Current Concepts in the Treatment of Rheumatoid Arthritis. Southern Medical Association Annual Meeting, Nashville, TN, 11/10/01.
 12. Singh G, Fort J, Triadafiloutoulos G, Bello A, Boots S. Benefits of using celecoxib in patients on low dose aspirin: data from SUCCESS 1, a 12-week, multinational trial with 13,274 patients with osteoarthritis of the knee, hip, or hand. *Arthritis Rheum* 2001;44:S224.
 13. Singh G, Fort J, Triadafiloutoulos G, Bello A. SUCCESS-1: A global osteoarthritis trial in 13274 randomized patients. Celecoxib provides similar efficacy to diclofenac and naproxen while providing improved GI safety. *Arthritis Rheum* 2001;44:S135.
 14. Whelton A, White W, Bello A, Puma J. Blood pressure control and edema rates in older patients with hypertension and osteoarthritis following treatment with COX-2 specific inhibitors. European League Against Rheumatism Annual Meeting, Stockholm Sweden 6/13/02.
 15. Goldstein J, Bello A, Fort J. Differential rates of UGI symptoms in patients receiving Celecoxib vs. rofecoxib with and without aspirin for cardiovascular prophylaxis. European League Against Rheumatism Annual Meeting, Stockholm Sweden 6/13/02
 16. White W, Whelton A, Bello A, Puma J. Rofecoxib, but not celecoxib, increases systolic blood pressure in hypertensive patients treated with ACE-inhibitors and beta-blockers. European League Against Rheumatism Annual Meeting, Stockholm Sweden 6/13/02
 17. Singh G, Goldstein J, Bello A, Lefkowitz A, Fort J. Effect of concurrent low-dose aspirin (ASA) use on the incidence of UGI symptoms in patients receiving celecoxib or conventional NSAIDs: analysis of two large randomized, double-blind, controlled clinical studies. European League Against Rheumatism Annual Meeting, Stockholm Sweden 6/13/02

CONTINUING MEDICAL EDUCATION COURSES GIVEN

1. Advances in Arthritis Treatment: Focus on Celecoxib. University of North Carolina, Department of Orthopedic Surgery Conference, Chapel Hill, NC, 3/4/99.
2. Advances in Arthritis Treatment: Focus on Celecoxib. Duke University Medical Center, Division of Rheumatology, Allergy, & Clinical Immunology Grand Rounds, Durham, NC, 3/4/99.
3. Advances in Arthritis Treatment. Duke University Medical Center, Division of Sports Medicine Symposium, Winston-Salem, NC, 5/8/99.

4. Update on the Medical Management of Osteoarthritis. Lutheran General Hospital, Department of Medicine Grand Rounds, Park Ridge, IL, 7/26/00.
5. Future Therapies for Arthritis Alternative and Complementary Therapies in Arthritis. Arthritis Foundation, Greater Chicago Chapter, 5/5/01.
6. Update in the Treatments of Scleroderma. Scleroderma Foundation of Greater Chicago, 5/20/01.
7. Update on the Management of Rheumatoid Arthritis. St. Mary's of Nazareth Hospital, Department of Medicine Grand Rounds, Chicago, IL, 6/5/01.
8. Update on the Management of Osteoarthritis. St. Francis Hospital, Department of Medicine Grand Rounds, Evanston, IL, 6/22/01.
9. Current Concepts in Osteoarthritis & Rheumatoid Arthritis. St. Elizabeth Hospital Medicine Grand Rounds, Chicago, IL 8/28/01.
10. Current Concepts in the Treatment of Rheumatoid Arthritis. Southern Medical Association Annual Meeting, Nashville, TN, 11/10/01.
11. Systemic Lupus Erythematosus. Lutheran General Hospital Pediatrics Grand Rounds, Park Ridge, IL 11/20/01.
12. Arthralgias & Myalgias. Illinois Masonic Medical Center Family Practice Grand Rounds, Chicago, IL 12/28/01.
13. Update on the Treatment of Rheumatoid Arthritis. Highland Park Hospital Grand Rounds, Highland Park, IL 1/15/02.
14. New Advances in the Treatment of Rheumatoid Arthritis. Advocate Illinois Masonic Medical Center Medicine Grand Rounds, Chicago, IL 2/8/02.
15. Update on the COX-2 Inhibitors. Celecoxib Latin American Physician Consultants Meeting, Rio de Janeiro, Brazil 2/11/02.
16. The Update in the Treatment of Arthritis. West Suburban Hospital Medical Center Grand Rounds, Oak Park, IL 3/20/02.
17. Update on the Treatment of Osteoarthritis. Chicago Medical School Department of Medicine Grand Rounds, North Chicago, IL 5/15/02.
18. Analgesia and Role of COX-2. Highland Park Hospital Medical Grand Rounds, Highland Park, IL 6/25/02.
19. Update on SLE. Illinois Masonic Medical Center, Chicago, IL 9/4/2002.
20. Advances in the Treatment of Rheumatoid Arthritis. Wellness and Health 2003 and Beyond. University of Illinois Medical Center Symposium, Chicago, IL 1/25/2003
21. The Treatment of Rheumatoid Arthritis, Lutheran General Children's Hospital Grand Rounds, Park Ridge, IL 1/28/2003
22. Update on COX-2 Inhibitors: the Myths and Realities. Highland Park Hospital, Highland Park, IL 2/18/2003
23. COX-2 Inhibitors: Emerging Data on Safety. Midwest Medical Conference, Chicago Medical Society, Chicago, IL 3/22/2003.
24. COX-2 Inhibitors: Update on Safety, Decatur Memorial Hospital Medical Grand Rounds, Decatur, IL, 3/26/2003.
25. The Evaluation & Treatment of Back Pain, Advocate Illinois Masonic Medical Center Medicine Grand Rounds, Chicago, IL, 4/30/2003.

26. Update on the COX-2 Inhibitors, Carle Clinic Orthopedic Grand Rounds, Champaign, IL, 5/12/2003.
27. Treatment of Rheumatoid Arthritis 2003, University of Illinois Medicine Grand Rounds, Chicago, IL, 5/13/2003.
28. Update on the Medical Management of Arthritis., Norwegian American Hospital Medicine Grand Rounds, Chicago, IL, 5/15/2003.
29. The Medical Management of Rheumatoid Arthritis, Arthritis Foundation of Greater Wisconsin, Green Bay, WI, 5/20/2003.
30. The Treatment of Rheumatoid Arthritis, Columbus Regional Hospital Grand Rounds, Columbus, IN 6/11/2003.
31. Acute Arthritis. Advocate Illinois Masonic Medical Center Department of Medicine Grand Rounds, Chicago, IL 8/23/2003.
32. The Next Step in RA Therapy: A Case-Based Interactive Program, Raleigh, NC 10/9/2003.
33. Update in Biologic Therapies for Rheumatic Diseases. University of Illinois Medical Center Department of Medicine Grand Rounds, Chicago, IL 7/27/2004.
34. Update in NSAID Therapies. Norwegian American Hospital Grand Rounds, Chicago, IL 9/9/2004.
35. COX-2 Inhibitors and Cardiovascular Safety. Naval Training Center, Great Lakes, IL Medical Grand Rounds, North Chicago, IL 11/4/2004.
36. Rheumatoid Arthritis. University of Illinois Family Practice Resident Lecture, Chicago, IL. 9/2/2005.
37. Update in Rheumatology. Advocate Illinois Masonic Medical Center Department of Medicine Grand Rounds, Chicago, IL. 9/7/2005.
38. Managing Arthritis Pain: The current Climate of Treatment. Health Education Alliance, Inc, Orland Park, IL. 12/10/2007

RESEARCH ACTIVITIES

PRIMARY INVESTIGATOR

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| A4091015 | A phase 3 randomized, double-blind placebo and Naproxen controlled multicenter study of the analgesic efficacy and safety of Tanezumab in patients with Osteoarthritis of the knee. Funded by: Pfizer |
| A4091016 | A phase 3, multicenter, randomized, long term study of the safety of Tanezumab in patients with osteoarthritis of the knee or hip. Funded by: Pfizer |
| ML22533 | An open label, randomized study to evaluate the safety, tolerability and efficacy of tocilizumab (TCZ) monotherapy or TCZ in combination with non-biologic disease modifying antirheumatic drugs (DMARDs) in patients with active rheumatoid arthritis who have an inadequate response to current non-biologic or biologic DMARDs Funded by: Roche |
| Cinema | A phase II, randomized, double-blind, parallel-group study to evaluate the efficacy and safety of Ocrelizumab in combination with Methotrexate compared with Infliximab plus Methotrexate in patients with active rheumatoid arthritis currently responding inadequately to Etanercept or Adalimumab. Funded by: Genentech |

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FIJ-MC-HMGP	Duloxetine 60 mg once daily versus placebo in the treatment of patients with Osteoarthritis knee pain. Funded by: Eli Lilly
HZ-CA-401	Open-label safety study of HZT-501 in patients who require long-term daily non-steroidal anti-inflammatory drug treatment. Funded by: Horizon Therapeutics
Monovisc-0702	A Randomized, Double-Blind, Placebo Controlled, Multi-Center Study of a Single Injection Cross-linked Sodium Hyaluronate (HA) to Provide Symptomatic Relief of Osteoarthritis of the Knee. Funded by: Anika Therapeutics
Monovisc-0802	A study of the safety of repeat injection of intra-articular MONOVISC Sodium Hyaluronate in patients with osteoarthritis of the knee. Funded by: Anika Therapeutics
HERO	Humira efficacy response optimization study in subjects with active rheumatoid arthritis (HERO). Funded by: Abbott
Stage	A randomized, double-blind, parallel group, international, study to evaluate the safety and efficacy of ocrelizumab compared to placebo in patients with active rheumatoid arthritis continuing Methotrexate treatment. Funded by: Genentech
Script	A randomized, double-blind, parallel group, international study to evaluate the safety and efficacy of ocrelizumab compared to placebo in patients with active rheumatoid arthritis who have an inadequate response to at least one anti-TNG- therapy. Funded by: Genentech
Prograf	A randomized, Double-Blind study to assess the Efficacy of Tacrolimus (Prograf) + Methotrexate vs. Placebo + Methotrexate in the Treatment of Rheumatoid Arthritis in Patients with Partial Response to Methotrexate. Funded by: Fujisawa
ACT	A Multi-Center Study of the Safety of Human Anti-TNF Monoclonal Antibody Adalimumab (D2E7) in Subjects with Active Rheumatoid Arthritis. Funded by: Abbott.

CO-INVESTIGATOR

C87084	A phase IIIB, multicenter open-label, follow-up study to evaluate the safety and efficacy of certolizumab pegol administered concomitantly with methotrexate in patients with active rheumatoid arthritis who participated in C87077. Funded by: UCB Pharma SA
Function	A multi-center, randomized, double-blind, parallel group study of the safety, remission and prevention of structural joint damage during treatment with Tocilizumab (CZ), as a monotherapy and in combination with methotrexate (MTX), versus methotrexate in patients with early, moderate to severe early RA. Funded by: Roche
AFP 201	A Phase 2, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of 60 mg of MM-093 Versus Placebo in Patients with Active Rheumatoid Arthritis on Stable Doses of Methotrexate. Funded by: Merrimack
CIMZIA	Evaluation of the Safety & Efficacy of an Certolizumab Pegol administered concomitantly

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with a Stable-dose MTX in patients with active RA. Funded by: UCB Pharma SA

ITIC	A 2-year randomized, double-blind, parallel-group, placebo-controlled study to investigate the safety & efficacy of orally administered SD-6010 in subjects with symptomatic OA of the knee. Funded by: Pfizer
A3921024	A Long-Term, Open-Label Follow-up Study of CP-690,550, A Moderately Selective Janus-Kinase- 3 Inhibitor, for Treatment of Study of Rheumatoid Arthritis. Funded by: Pfizer
A3921035	A Phase 2B, Randomized, Double-Blind, Placebo-Controlled Active Comparator, Multicenter Study to Compare 5 Dose Regimens of CP-690,550 And Adalimumab Versus Placebo, Administered For 6 Months In The Treatment of Subjects With Active Rheumatoid Arthritis. Funded by: Pfizer
A3921044	Phase 3 randomized, double-blind, placebo-controlled study of the efficacy and safety of 2 doses of CP-690,550 in patients with active Rheumatoid Arthritis on background Methotrexate. Funded by Pfizer
WA18696	Long-term extension study of safety during treatment with tocilizumab (MRA) in patients completing treatment in MRA core studies. Funded by: Roche
SU-SHO-0106	A multicenter, randomized, double-blind, placebo controlled trial of three injections of SUPARTZ (sodium hyaluronate) for the treatment of chronic shoulder pain associated with glenohumeral osteoarthritis. Funded by: Smith & Nephew
Radius	Rheumatoid Arthritis DMARD Intervention and Utilization Study. Funded by: Amgen
Radius-2	Rheumatoid Arthritis DMARD Intervention and Utilization Study (Radius 2). Funded by: Amgen
Medal	A Randomized, Double-Blind, Active-Comparator-Controlled, Parallel Group Study to Evaluate the Safety of Etoricoxib in Patients with Osteoarthritis or Rheumatoid Arthritis. Funded by: Merck
E-Force	A Randomized, Placebo-Controlled, Parallel-Group, Double-Blind, Study to Evaluate the Safety and Efficacy of Rofecoxib 12.5 mg and Celecoxib 200 mg Patients With Osteoarthritis of the Knee. Funded by: Merck
Edge-2	A Randomized, Double-Blind, Multicenter Study to Evaluate the Tolerability and Effectiveness of Etoricoxib 90 mg Q.D. Versus Diclofenac Sodium 75 mg B.I.D. in Patients With Rheumatoid Arthritis. Funded by: Merck
Edge	A Randomized, Double-Blind, Multicenter Study to Evaluate the Tolerability and Effectiveness of Etoricoxib 90 mg O.D. vs. Diclofenac Sodium 50 mg T.I.D. in Patients with OA. Funded by: Merck
EVA	Raloxifene Alendronate Comparison in Postmenopausal Women with Low Bone Mass. Funded by: Eli Lilly
Apex	A Phase III Randomized, Multicenter Allopurinol and Placebo-Controlled Study Assessing the Safety and Efficacy of Oral Febuxostat in Subjects with Gout. Funded by TAP

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- EXEL A Phase 3, Open-Label Study, Randomized, Allopurinol-Controlled Study to Assess the Long-Term Safety of Oral Febuxostat in Subjects with Gout. Funded by: TAP
- A3191082 A Double-Blind, Placebo Controlled Study of the Efficacy and Tolerability of Once Daily Celebrex (Celecoxib) vs. Placebo in the Treatment of Subjects with Osteoarthritis of the Knee Non-Responsive to Naproxen and Ibuprofen (Protocol A3191082). Funded by: Pfizer
- Bones Double-Blind, Placebo controlled, Dose Ranging Trial to Evaluate the Efficacy of Atorvastatin on Bone Mineral Density and Markers for bone Turnover in Postmenopausal Women with Dyslipidemia and at Risk for Osteoporosis. Funded by: Pfizer
- Activate A Randomized Multicenter Parallel Group Study to Determine if Knowledge of Baseline Vertebral Fracture Prevalence (As Determined by Hologic IVA) and Bone Turnover Marker Levels Improves Persistence with Actonel 5 mg Daily Therapy in Subjects Receiving Chronic Glucocorticoid Therapy. Funded by: Aventis
- Pearl Postmenopausal Evaluation and Risk-Reduction with Lasofoxifene. Funded by: Merck
- FACT A Randomized, double-Blind, double-Dummy, Parallel-Group, Multicenter Study to Evaluate and compare the Effects of Once Weekly Alendronate and Risedronate on bone Mineral Density in Postmenopausal Women with Osteoporosis. Funded by: Merck
- 4001 Prevention – A One-year, Multicenter, Randomized, double-blind, Placebo-controlled, Parallel Group Study to Determine the Efficacy And Safety Of 35-mg Risedronate Administered Once a Week in the Prevention of Osteoporosis in Postmenopausal Women. Funded by: Aventis
- Oasis A Randomized, Double-Blind, Multicenter, Placebo-Controlled Study to Compare the Safety and Tolerability of an Oral Buffered Solution of Alendronate Sodium 70 mg Once Weekly Versus Placebo for the Treatment of Osteoporosis in Postmenopausal Women. Funded by: Merck
- FACT Extension – A 12-Month Extension to: A Randomized, Double-Blind, Double-Dummy, Parallel-Group, Multicenter Study to Evaluate and Compare the Effects of Once Weekly Alendronate and Risedronate on bone Mineral Density in Postmenopausal Women with Osteoporosis (FOSAMAX ACTONEL Comparison Trial – FACT). Funded by: Merck
- Horizon Multinational, Multicenter double-blind, randomized, placebo controlled, parallel group study assessing the efficacy of intravenous zoledronic acid in preventing subsequent osteoporotic fracture after a hip fracture. Funded by: Novartis
- DANCE FORTEO Observational Study. Funded by: Eli Lilly