

# EXHIBIT A

CURRICULUM VITAE  
(updated 26 February 2016)

**Eduardo Agustin Padlan**

**Address:** 4006 Simms Drive  
Kensington, Maryland 20895 USA  
**Tel:** 00+1-301-933-2660  
**E-mail:** eapadlanmail-2008@yahoo.com, eduardo.padlan@gmail.com

**Born:** August 31, 1940  
Manila, Philippines

**Citizenship:** USA (Naturalized 1993)

**Education:**

B.S., major in Physics, University of the Philippines, 1960  
Ph.D., Biophysics, Johns Hopkins University, 1968  
M.S., Computer Science, Johns Hopkins University, 1984

**Occupation:** Consultant, Volunteer Teacher

**Scientific Interests:** Molecular Immunology, Protein Structure & Function

**Employment History:**

**Research:**

Laboratory of Molecular Biology, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health [Retired, 2000]: Research Physicist, 1997-2000; Visiting Scientist, 1987-97, 1974-78; Expert, 1983-87; Visiting Associate, 1971-74  
Department of Biophysics, Johns Hopkins University: Research Scientist, 1978-83; Research Associate, 1969-71

**Teaching:**

Adjunct Professor, Marine Science Institute, College of Science, University of the Philippines Diliman, 2002-2013  
Adjunct Professor, Institute of Chemistry, College of Arts and Sciences, University of the Philippines Los Baños, 2002-2005  
Visiting Professor, Graduate School, University of Santo Tomas, 2003  
Visiting Professor, College of Science, University of the Philippines Diliman, 1998, 1999, 2000, 2001, 2002  
Affiliate Professor, School of Science and Engineering, Ateneo de Manila University, 2000-2001, 2001-2002  
Adjunct Professor, Department of Biochemistry and Molecular Biology, Medical University of South Carolina, 1992  
Faculty, Foundation for Advanced Education in the Sciences, National Institutes of Health, 1984-97

Faculty, Department of Physics, College of Arts and Sciences, University of the Philippines Diliman: Assistant Professor, 1968-69; Instructor, 1961-63; Assistant Instructor, 1960-61

**Other:**

Student Assistant, College of Arts and Sciences, University of the Philippines, 1959-60

**Other Professional Activities:**

Editor, ImmunoMethods Vol. 1 No. 2, 1992.  
Co-Editor, Protein Engineering Section, Current Opinion in Biotechnology, Vol. 8, 1997.  
Co-Editor, Selected Essays on Science and Technology for Securing a Better Philippines, Vol. 1 (The University of the Philippines Press, Diliman, Q.C.) 2008.  
Co-Editor, Philippine Science Letters, 2008-14  
Member, Advisory Board, Molecular Immunology, 1980-99  
Member, Editorial Board, Receptor, 1990-96  
Member, Editorial Board, Macromolecular Structures, 1993-97  
Consultant, Merck Sharpe and Dohme, 1989-91  
Consultant, Biogen Inc, 1991-96  
Consultant, MedImmune Inc, 1991-92  
Consultant, T Cell Sciences Inc, 1992-95  
Consultant, IDEC Pharmaceuticals Corp, 1995-2003  
Consultant, SmithKline Beecham, 1996-97  
Consultant, Medarex Inc, 1996-97; 2003-2005  
Consultant, Tanox Biosystems, 1998-99  
Consultant, System Research Inc, 2003-2004  
Consultant, Biogen Idec, 2003-2005  
Consultant, BioMedics Inc, 2004-2008  
Member, Scientific Advisory Board, BioMedics Inc, 2009-2012  
Consultant, NeoGenix Oncology Inc, 2007; 2012  
Consultant, PharMab Inc, 2007-2008  
Consultant, Sutherland Asbill & Brennan LLP, 2008  
Consultant, A&G Pharmaceutical Inc, 2011  
Consultant, Synthetic Biologics Inc, 2013  
Consultant, Tanabe Research Laboratories, U.S.A., Inc, 2015

**Membership in Academies and Honor Societies:**

National Academy of Science and Technology, Philippines (Corresponding Member, elected 2003)  
Philippine-American Academy of Science and Engineering (Founding Member; served as President, 1999)  
Phi Kappa Phi International Honor Society (elected 1960)  
Sigma Pi Sigma Physics Honor Society (elected 1961)  
Phi Sigma Biological Honor Society (Alpha Chi Chapter) (elected 1969)

**Membership in Professional Societies:**

American Crystallographic Association, 1967-99  
American Society for Biochemistry and Molecular Biology, 1976-present  
American Association of Immunologists, 1977-present  
Philippine Society for Biochemistry and Molecular Biology (Honorary Member), 2007-present

**Patents:****27 Granted, 4 pending in the US:**

1. F.J.R.do Couto, R.L.Ceriani, J.A.Peterson and E.A.Padlan.  
US5792852 (Granted August 11, 1998):  
Polynucleotides encoding modified antibodies with human milk fat globule specificity
2. I.Pastan, I.Benhar, E.A.Padlan, S.-H.Jung and B.K.Lee.  
US5889157 (Granted March 30, 1999):  
Humanized B3 antibody fragments, fusion proteins, and uses thereof
3. A.Black, N.Hanna, E.A.Padlan and R.A.Newman.  
US6001358 (Granted December 14, 1999):  
Humanized antibodies to human gp39, compositions containing thereof
4. M.N.Blackburn, W.R.Church, G.Z.Feuerstein, M.S.Gross, A.J.Nichols, E.A.Padlan, A.H.Patel and D.R.Sylvester.  
US6005091 (Granted December 21, 1999):  
Nucleic acids encoding immunoglobulin domains
5. I.Pastan, I.Benhar, E.A.Padlan, S.-H.Jung and B.K.Lee.  
US6287562 (Granted September 11, 2001):  
Methods of inhibiting the growth of cells bearing LewisY antigens using B1, B3, or B5 targeted immunoconjugates
6. F.J.R.do Couto, R.L.Ceriani, J.A.Peterson and E.A.Padlan.  
US6315997 (Granted November 13, 2001):  
Use of modified antibodies with human milk fat globule specificity
7. M.N.Blackburn, W.R.Church, G.Z.Feuerstein, M.S.Gross, A.J.Nichols, E.A.Padlan, A.H.Patel and D.R.Sylvester.  
US6391299 (Granted May 21, 2002):  
Anti-factor IX/IXa antibodies
8. A.Black, N.Hanna, E.A.Padlan and R.A.Newman.  
US6440418 (Granted August 27, 2002):  
Methods of treating autoimmune diseases with gp39-specific antibodies

9. P.S.Mezes, R.A.Richard, K.S.Johnson, J.Schlom, S.V.S.Kashmiri, L.Shu and E.A.Padlan.  
US6495137 (Granted December 17, 2002):  
Humanized anti-tag-72 monoclonal antibodies using human subgroup 4 kappa light chains
10. A.Black, N.Hanna, E.A.Padlan and R.A.Newman.  
US6506383 (Granted January 14, 2003):  
Methods of suppressing immune responses to transplanted tissues and organs with gp39-specific antibodies
11. B.L.Daugherty, G.E.Mark III and E.A.Padlan.  
US6797492 (Granted September 28, 2004):  
Method for reducing the immunogenicity of antibody variable domains
12. S.V.S.Kashmiri, E.A.Padlan and J.Schlom.  
US6818749 (Granted November 16, 2004):  
Variants of humanized anti-carcinoma monoclonal antibody CC49
13. F.J.R.do Couto, R.L.Ceriani, J.A.Peterson and E.A.Padlan.  
US6936706 (Granted August 30, 2005):  
Modified antibodies with human milk fat globule specificity and uses
14. A.Black, N.Hanna, E.A.Padlan and R.A.Newman.  
US7074406 (Granted July 11, 2006):  
Treating allergic diseases with humanized anti-CD40L antibody
15. P.S.Mezes, R.A.Richard, K.S.Johnson, J.Schlom, S.V.S.Kashmiri, L.Shu and E.A.Padlan.  
US7179899 (Granted February 20, 2007):  
Composite antibodies of humanized human subgroup IV light chain capable of binding to TAG-72
16. S.V.S.Kashmiri, E.A.Padlan and J.Schlom.  
US7256004 (Granted August 14, 2007; Divisional of US6818749):  
Variants of humanized anti-carcinoma monoclonal antibody CC49
17. S.V.S.Kashmiri, J.Schlom and E.A.Padlan.  
US7569673 (Granted August 4, 2009):  
Humanized anti-TAG-72 CC49 for diagnosis and therapy of human tumors
18. S.V.S.Kashmiri, J.Schlom and E.A.Padlan.  
US7589181 (Granted September 15, 2009):  
Minimally immunogenic variants of SDR-grafted humanized antibody CC49 and their use
19. S.V.S.Kashmiri, E.A.Padlan and J.Schlom.

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.