Name: Prof. Meir Perez Pugatch Date: Nov 2020

Curriculum Vitae and List of Publications

I. CURRICULUM VITAE

1. PERSONAL DETAILS

Name: Meir Pugatch

Nationality Israeli/German

Date of Birth: September, 1972

Married + 3 children

Permanent Home Address: 34 Levi Eshkol st, Tel-Aviv

Home Telephone Number: 03-7414525

Office Telephone Number: 03-6299294

Electronic Address: Fax Number: 03-6204395

2. <u>HIGHER EDUCATION</u>

A. Undergraduate and Graduate Studies

| Year of | Degree | Name of Institution | Period of Study |
|-------------|--------------------------|-------------------------|-----------------|
| Approval of | | and Department | |
| Degree | | | |
| 1994-1997 | Tel-Aviv University, | B.A., Political Science | June 1997 |
| | Department of Political | | |
| | Science | | |
| 1997-1998 | London School of | MS.c., Politics of the | November 1998 |
| | Economics, Department of | World Economy- | |
| | International Relations | (Research Track) | |
| 1998-2002 | London School of | Ph.D. International | July 2002 |
| | Economics, Department of | Political Economy | |
| | International Relations | | |

B. Post-Doctoral Studies

None

3. ACADEMIC RANKS AND TENURE IN INSTITUTES OF HIGHER EDUCATION

| Dates Name of institution and departm | | Rank |
|---------------------------------------|---|--|
| 2003 - 2004 | Ben-Gurion University, Faculty of Health Sciences | Teaching Fellow |
| 2004 - 2006 | Hebrew University, Department of International Relations | Teaching Fellow |
| 2004 – September 2006 | University of Haifa, Faculty of Social Welfare and Health Sciences, School of Public Health | Lecturer (specialist track) |
| September 2006 to date | University of Haifa, Faculty of Social Welfare and Health Sciences, School of Public Health | Senior Lecturer (specialist track, 1/4 position) |
| July 2012 | University of Haifa, Faculty of Social Welfare and Health Sciences, School of Public Health | Professor) (specialist track, 1/4 position) |
| October 2013 | Department of International and European Law, Faculty of Law, Maastricht University | Professor (0.2 position) |

4. SCHOLARLY POSITIONS AND ACTIVITIES IN UNIVERSITY

| Dates | Institution | Role |
|--------------|--------------------------------|---------------------------------|
| 2003 to date | University of Haifa, School of | Chair, Pfizer Forum For |
| | Public Health | Public Health Policy |
| 2007 | Faculty of Social Welfare and | Chairman of an ad hoc |
| | Health Sciences | committee appointed by the |
| | | Dean of the Faculty of Social |
| | | Welfare and Health Sciences |
| | | to review different |
| | | intellectual property aspects |
| | | in the Faculty (Report was |
| | | submitted to the Dean on |
| | | September 2 nd 2007) |
| 2009 to 2011 | University of Haifa, School of | Co-Chair, Division of |
| | Public Health | Management and Health |
| | | Administration, School of |
| | | Public Health |
| 2011 to 2016 | University of Haifa, School of | Head, Division of Health |
| | Public Health | Systems Administration, |
| | | School of Public Health |
| 2013 to date | Department of International | IPKM Professor |
| | and European Law, Faculty | of Valorization, |
| | of Law , Maastricht | Entrepreneurship and |
| | University | Management |
| | | |

| *2019 to date | University of Haifa, School of | Head, Division of Health |
|---------------|--------------------------------|--------------------------|
| | Public Health | Management |

5. SCHOLARLY POSITIONS AND ACTIVITIES OUTSIDE THE UNIVERSITY

| Year | Position | Institution | | | |
|---------------|--|--|--|--|--|
| Consultancy a | Consultancy and advisory roles | | | | |
| 1998-2002 | Intellectual property consultant – World Trade Organization Intellectual Property Negotiating Issues and Positions | Maxwell Stamp, London | | | |
| 2003 -2008 | Intellectual property consultant | Chief Scientist Office, Ministry of Health, Medical Research Council | | | |
| 2003-2004 | Intellectual property consultant – intellectual property policy-making | Enterprise LSE, London | | | |
| 2003 -2005 | Intellectual property consultant | Ministry of Finance | | | |
| 2003-2005 | Intellectual property advisor – trade policy of intellectual property rights | International Trade Policy Unit, London School of Economics | | | |
| 2003-2005 | Intellectual property expert - intellectual property and pharmaceutical data exclusivity in the context of innovation and market access | International Centre for Trade and Sustainable Development (ICTSD), Switzerland | | | |
| 2004-2005 | Drafting a Model Bill for the Israeli Parliament: Utilization and Transfer of Knowledge and Technologies Owned by Government and Public Bodies in Israel, (July2004) | Knesset Member, Meli Polishook Bloch, Chairman of the Science and Technology Committee | | | |
| 2004-2005 | Intellectual property expert - International regulation of intellectual property rights | United Nations University – Comparative Regional Integration Studies (UNU- CRIS) Brussels | | | |

| Year Position Insti | | Institution | |
|---|---|--|--|
| 2006 | Intellectual property consultant | The Israeli Patents, Designs and Trademark Authority | |
| 2006 | Intellectual property consultant – EPO Scenarios Project | European Patent Office – EPO, Germany | |
| 2006 | Intellectual property consultant – Assessment of Sweden's IP environment | Timbro, Sweden | |
| 2007 | Intellectual property consultant - the US and EU's Approach to the International Regulation of Intellectual Property Trade-Related Agreements | The European Centre for International Political Economy (ECIPE) | |
| 2007 | | | |
| 2090-2010 | Project leader, global survey of licensing activities in selected fields of Environmentally Sound Technologies (ESTs) | Joint project by the United Nations Environment Programme (UNEP), the European Patent Office (EPO), and the International Centre for Trade and Sustainable Development (ICTSD) | |
| 2010 Intellectual property consultant to the World Intellectual Property Organization (WIPO), conducting a study on the Role of Intellectual Property Rights in the Transfer of Environmentally Sensitive Technologies (ESTs) | | World Intellectual Property Organization | |
| 2011 | Intellectual property consultant to the Institute for Globalization and International Regulation, Maastricht University. Conducing the economic chapter of the external study on the Anti-Counterfeiting Trade Agreement (ACTA), commissioned by the Directorate General for External Studies, Policy Department of the European Parliament | Institute for Globalization and International Regulation, Maastricht University | |

| Year | Position | Institution | |
|--------------|--|--|--|
| 2012 | Intellectual property consultant to Enterprise LSE (London School of Economics), preparing a report to the European Parliament, Directorate General for External Policies on The Anti- Counterfeiting Trade Agreement (ACTA) and its impact on access to generic medicines | Enterprise LSE | |
| 2013-2015 | Intellectual property consultant to US Chamber of Commerce, Global Intellectual Property Center – creating the GIPC International IP Index | US Chamber of Commerce | |
| 2014-2015 | Intellectual property consultant to the Biotechonolgy Industry Organization, BIO I | BIO, Wahington DC | |
| 2016 | Member of the IPKM Exam committee | University of Maastricht | |
| 2016 to date | Member of the European Intellectual Property Network (EIPN) Innovation Society - Principle Supervisor ESR 8; Second supervisor ESRs 6 and 3 http://www.eipin-innovationsociety.org/ | European Intellectual Property Network (EIPN) Innovation Society | |
| 2016/7 | Member of the advisory Committee to the OECD-OHIM project on counterfeiting | OECD-OHIM | |

| Expert advisory | roles: Professional committees, think-tanks, f | orums and taskforces |
|-----------------|---|--|
| 2000-2003 | Chair and coordinator of the 'Israeli Pharmaceutical and Biotechnological Think-Tank', consisting of representatives of the Government (Ministries of Finance, Justice, Health and Trade and Industry), the pharmaceutical industry (Pharma Israel, Pfizer, Genzyme, MSD, Johnson and Johnson), voluntary organisations ('Patients' Rights'), Hospitals (Sheba Medical Centre, Rambam Medical Centre) and Healthcare Providers (Sick-Funds) | Chief Scientist Office, Ministry of Health |
| 2002-2005 | Member of the Steering Committee | Medical Research Council at Chief Scientist Office, Ministry of Health |
| 2002 – 2005 | Member of the Committee on Intellectual Property Rtights in Hospitals | Ministry of Finance |

| 2002-2005 | Member of the Committee for Research in Hospitals | Chief Scientist Office, Ministry of Health, Medical Research Council | |
|--------------|---|---|--|
| 2004-2005 | Member of the Ethics Committee | Rambam Medical Centre | |
| 2005-2011 | Academic Advisor, the Merck-Stockholm Network Intellectual Property Programme | MSD Israel | |
| 2005 to date | Director of Research & Head of the Intellectual Property and Competition Programme | The Stockholm Network, United Kingdom www.stockholm- network.org | |
| 2008 | Chairman of the Intellectual Property Grant Committee Committee Committee Committee Grants In the Field Pharmaceutical Intellectual Property Rights - A Collaboration betw Stockholm Network Mary Intellectual Property Grant Masstricht Univers Faculty of Law | | |
| 2008 | Member of the Committee for the Evaluation of the Need for Human Embryonic Stem Cells R&D Centres | Ministry of Health and the Forum of National Infrastructures (Telem) | |
| 2008-2009 | A member of international research team | Catch Up and Intellectual Property Regimes, A Project Directed by Professor Richard Nelson of Columbia University and Professor Hiro Odagiri and collaborators from Hitotsubshi University (Tokyo, Japan) | |
| 2008-2009 | Participant in an Ad Hoc Economic Advisory Group | European Patent Office | |
| 2008-2011 | Member of the Patent Policy Forum of the Commissioner of Patents and Trademarks | Israeli Patent & Trademark Office | |

| 2012 | Member of the Scientific Advisory Board | International Society For Pharmacoeconomics and Outcomes, Israel Chapter |
|-------------------|---|--|
| 2017 | Member of the Mosaic committee for the creation publicly funded patient-centric databases | Ministry of Health, Israel |
| Editorial roles, | review boards and refereeing | |
| 2005 to date | Editor | Know-IP, the Stockholm- Network's monthly bulletin on intellectual property |
| 2006 to date | Occasional referee | Review of International Political Economy |
| 2006 to date | Occasional referee | Indian Journal of Intellectual Property Rights |
| 2008 to date | Occasional referee | Edwar Elgar Publishers (series on Intellectual Property Rights) and Routledge (research level books) |
| 2011 to date | Occasional referee | International Journal of Intellectual Property Management |
| 2012 to date | Occasional referee | Oxford Economic Papers |
| 2012 to date | Member of the Editorial Advisory Board | Journal of Commercial Biotechnology |
| *2020 | Occasional referee | Routledge |
| *2020 | Occasional referee | Maastricht Journal of European and Comparative Law |
| Activities in oth | ner academic institutions | |

| 2009 -2013 | Guest Lecturer | Masters Intellectual Property Law and Knowledge Management (LLM/MSc, Maastricht University Faculty of Law |
|--------------|--|---|
| 2009 to date | Adjunct research fellow | Australian Global Studies Research Centre, University of Western Australia |
| 2010 – 2011 | Co-Moderator, Postgraduate Programme for Applied Biomedicine and Bioethics | Faculty of Medical Sciences, Ben Gurion University |
| *2014 | Visiting Professor | Peking University School of Transitional Law (STL) |
| *2016 | Visiting Professor | Beihang University School of Management |
| *2019-2021 | Visiting Professor | China Intellectual Property Management Network, Nankai University (NKU), Tianjin, China |

6. PARTICIPATION IN SCHOLARLY CONFERENCES

Clarifications – in this CV the term IP is the acronym of intellectual property and the term IPRs is the acronym of intellectual property rights

a. Active Participation

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|------------|------------|---|------------------------|--|
| Local (Isr | ael) | | | |
| 1 | 14.10.2002 | Pharmaline Conference on Direct to Consumer Advertising | Tel-Aviv | Speaker, Direct to Consumer Information or Direct to Consumer Advertising? The Benefits of Information; the Costs of Branding - Aspects of Intellectual Property Economics |
| 2 | 14.05.2003 | Symposium for Physicians, Conference on Biotechnology | Tel-Aviv | Speaker, Intellectual Property Rights as a Commercial Asset in Public Health Systems: Challenges and Opportunities in Public/Private Collaboration |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|----|-------------------|--|-------------------------------|---|
| 3 | 6.01.2003 | IsraPharm 2003 Conference on Life Sciences | Tel-Aviv | Speaker, Intellectual Property Rights and BioMedicine |
| 4 | 4.03.2004 | The Israeli Center of Management (HAMIL) | Tel-Aviv | Speaker, Intellectual Property and Biotechnology |
| 5 | 13-14.06. 2004 | The New IP Order - A Global Trade- Off, Haifa Center of Law & Technology | Herzelia and Haifa | Speaker, The international Regulation of Intellectual Property Rights: Multilateral, Regional and Bilateral Preferences in Contemporary IP Trade-Related Negotiations |
| 6 | 14.01.2005 | Annual Conference of Heads of Professional Associations, Israel Medical Association | Tiberias | Chair, Panel on Intellectual Property in Hospitals |
| 7 | 26.12.2006 | New Technologies, Shaping the Medicines of the Future, Organised by Maccabi Healthcare Service | Ramat-Gan | Speaker, Challenges and Opportunities to Intellectual Property Pharmaceutical Policy–Making - Israel and the World |
| 8 | 01.11.2007 | Pharma Israel 2007 Annual Conference | Tel-Aviv | Chair, Panel on The Preferred Israeli Solution to Health Technology Assessment |
| 9 | 11.11 2009 | Pharma-Israel's Annual Conference – The Pharma Industry Looks to the Next Decade | Tel-Aviv | Chair, Industry Panel |
| 10 | 10.032010 | The 3rd Annual Conference of the Israeli Society for Pharmacoeconomics and Outcomes Research (ISPOR- Israel) | Herzliya | Moderator: What Is the Value of Preventive Medicine? |
| 11 | 21.06.2010 | Cost Benefit of Primary Intervention Programmes in the fields of Public Health and Health Promotion | University of Haifa Israel | Speaker, the Political Economy of Health Technology Assessment |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|-----|----------------|---|--|--|
| 12 | 21-22.02.2011 | National Seminar the Agreement on Trade Related Aspects of Intellectual Property Rights (TRIPS), coorganised by the World Trade Organization (WTO) and the Ministry of Trade and Labour | Jerusalem, Ministry of Trade and Labour | Chair and Moderator, Panel on Patents and Trade Secrets |
| 13 | 3 March 2011 | Patents and Inventions – "Inventing Money", In-Service Training Faculty for Lawyers, Ministry of Justice | Jerusalem | Speaker, What is the Value of Your Patent? |
| 14 | 6 June 2011 | The 27th Annual Meeting of the Israeli Economic society | Jerusalem | Speaker, The Political Economy of Health Technology Assessment – A Science or an Art? |
| *15 | September 2012 | WIPO-ILPTO Inter- Regional Seminar on Economic Issues of Intellectual Property Rights | Jerusalem | Economics of Patents in the 21st Century - Do We Need a Paradigm Shift? |
| *16 | February 2103 | Meeting of Israeli health journalists | Tel Aviv | Speaker and moderator: The pharmaceutical industry – challenges and opportunities |
| *17 | April 2013 | Risk-Sharing Agreements Workshop Program ISPOR Israel | Tel Aviv | What does it take to have real market entry agreements (so called "Risk Sharing") in Israel? Separating practice from rhetoric |
| *18 | September 2015 | Inter-Regional Seminar on Economic Issues of Intellectual Property Rights | Jerusalem | Economics of Patents in the 21st Century? Do We Need a Paradigm Shift? |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|---------|----------------------|--|---|---|
| Interna | tional | | l | |
| 1 | 16-18.05. 2002 | Second International Conference on Biotechnology and Investment | Moscow, Russia | Speaker, Global Developments in the Protection of Pharmaceutical and Biotechnological Intellectual Property Rights - the WTO Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS) |
| 2 | 7-8.07. 2003 | The Commonwealth Trade Forum | London, UK | Speaker, Trade-Related Aspects of Intellectual Property Rights |
| 3 | 31.07 – 1.08 2003 | Institute of Southeast Asian Studies (ISEAS) Roundtable on the WTO's "Singapore" Issues and Trade Facilitation | The Institute of Southeast Asian Studies (ISEAS) Singapore | Speaker, Trade Agreements and Anti-competitive Practices |
| 4 | 28.06.2004 | London School of Economics Workshop on Intellectual Property Policy Fundamentals Supportive of the Pharmaceutical and Biomedical Industry in Advanced Developing Countries with Established R&D Capabilities | London, UK | Speaker, What Needs to be Researched in Relation to Intellectual Property Rights and Pharmaceuticals – "Defying" the Conventional Wisdom? |
| 5 | 12-16.10 2004 | The Third Bellagio Dialogue on Development and Intellectual Property | Rockefeller Foundation, Bellagio, Italy | Speaker, Intellectual Property and Pharmaceutical Data Exclusivity in the Context of Innovation and Market Access |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|----|-------------------|---|------------------------------|---|
| 6 | 17.12.2004 | The United Nations University Conference on Comparative Research in Integration Studies and the London School of Economics | Brussels, Belgium | Speaker, the International Regulation of Intellectual Property Rights in a TRIPs and TRIPs Plus World |
| 7 | 3.03.2005 | Stockholm Network Round Table on Intellectual Property, Competition and Competitiveness | London, UK | Chair, Panel on Intellectual Property, Innovation, Monopoly and Competitiveness |
| 8. | 17.01.2006 | The Progress and Freedom Foundation – Intellectual Property and Innovation in the Digital World | Prague, Czech Republic | Speaker, The Political Economy of Intellectual Property Policy Making |
| 9 | 26.01.2006 | Arts and Humanities Research Council (AHRC) - Copyright Research Network: Copyrights, Corporate Power and Human Rights | London, UK | Speaker, Political Economy of Intellectual Property Policy- Making – Theory and Practice |
| 10 | 22-24.02 2006 | CPTECH - The International Market Place and Conference for Technology Transfer Professionals | Cannes, France | Chair, Panel on US/EU approaches to University Licensing |
| 11 | 23-25.08. 2006 | International Federation of Pharmaceutical Manufacturers & Associations (IFPMA) Asian Regional Conference on Intellectual Property, Innovation and Health | Singapore | Speaker, Measuring the Strength of National Pharmaceutical Intellectual Property Regimes: Creating a new Pharmaceutical Intellectual Property Index |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|----|------------------|---|------------------------|--|
| 12 | 28.01.2007 | The Gower's Review of Intellectual Property, a joint seminar by Managing Intellectual Property Magazine and the Stockholm Network | London, UK | Speaker, The Lisbon Agenda and the Gower's Review of Intellectual Property the Answer |
| 13 | 20.02.2007 | Debating Pharmaceutical Intellectual Property Rights , a joint workshop by the United Nations Conference on Trade and Development (UNCTAD) and the Stockholm Network | Geneva, Switzerland | Speaker & Organizer - the Economics of Pharmaceutical Intellectual Property Rights |
| 14 | 19-20.04 2007 | European Patent Office (EPO) - European Patent Forum (18/19 April 2007, Munich), Scenarios for the Future: The IP landscape in 2025 | Munich, Germany | Speaker, Intellectual Property Policy and its Systems Worldwide |
| 15 | 2.05.2007 | Stockholm Network Amigo Society Meeting on the Lisbon Agenda | Brussels, Belgium | Chair , Panel on the Lisbon Agenda Strategies |
| 16 | 22.10.2007 | Defining the Public Interest in Intellectual Property - a joint event by the United Nations Conference on Trade and Development (UNCTAD), the Stockholm Network- and Public Interest Intellectual Property Advisors (PIIPA) | Geneva, Switzerland | Chair, Panel on Public Interest in Health- and Software- Related Intellectual Property Rights |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|----|-------------------|--|------------------------|--|
| 17 | 3.10.2007 | The Day After Tomorrow: The Legal, Economic and Technological Implications of the Ruling on Microsoft vs. the European Commission, a joint seminar by Managing Intellectual Property Magazine and the Stockholm Network | Brussels, Belgium | Chair, Panel on the Legal, Economic and Technological Implications of the Ruling on Microsoft vs. the European Commission |
| 18 | 16.11.2007 | Life Sciences Symposium — Intellectual Property and Life Science Regulation — a joint workshop by the World Intellectual Property Organization (WIPO) and the Stockholm Network | Geneva, Switzerland | Chair, Panel on Linkages between Product Regulation and the Patent System |
| 19 | 12-13.11. 2008 | "Catch Up and Intellectual Property Rights" project, Second Tokyo Meeting. A Project Directed by Professor Richard Nelson of Columbia University and Professor Hiro Odagiri and collaborators from Hitotsubshi University (Tokyo, Japan) and the Hebrew University | Tokyo, Japan | Submission of paper by Pugatch, M.P., Teubal, M. Israel's High Tech Catch Up Process – The Role of Intellectual Property Rights and Other Policies, Draft paper (presented by Prof. Tobal) |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|----|-------------------|---|------------------------|---|
| 20 | 17-18.03. 2008 | The Conference Board of Canada, International Forum on the Creative Economy | Ottawa, Canada | Submission of paper by Pugatch, M.P and Torstensson. D. The Good, the Bad, and the Ugly – How have policymakers dealt with the growing complexity of the Intellectual Property debate and the issue of online piracy? |
| 21 | 18.11.2008 | Meeting of the Economic Advisory Group, European Patent Office | Munich, Germany | Speaker, Patenting Strategies in the Pharmaceutical and Biotech Industries – Evergreening or Incremental Innovation? And the Difference Between Them |
| 22 | 8.05.2009 | Study on Patents and environmentally sound technologies (EST) Consultation with industry and business associations – Joint project by the United Nations Environment Programme (UNEP), the European Patent Office (EPO), and the International Centre for Trade and Sustainable Development (ICTSD) | Geneva, Switzerland | Speaker, Creation of a Licensing Survey in the Field of environmentally Sound Technologies |
| 23 | 8.06.2009 | European Healthcare Reform Group Meeting, organised by the Stockholm Network | Brussels, Belgium | Speaker, Policy Implications of Healthcare Reform in Europe |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|----|------------|---|------------------------|--|
| 24 | 19.10.2009 | Study on Patents and environmentally sound technologies (EST) Consultation with industry and business associations – Joint project by the United Nations Environment Programme (UNEP), the European Patent Office (EPO), and the International Centre for Trade and Sustainable Development (ICTSD) | Geneva, Switzerland | Speaker, Interim Results of the Licensing Survey |
| 25 | 23.02.2010 | Are Your Medicines Safe, organised by the Stockholm Network | Brussels, Belgium | Speaker, Keeping Medicines Safe – A Study of the Regulations Guiding the Approval of Medicines in Emerging Markets |
| 26 | 28.04.2010 | Seminar on the Role of Patents in Investment and Transfer of Technologies, University of Rome Tre | Rome, Italy | Speaker, Intellectual Property Rights and Energy-Related Technologies - Implications for Policy |
| 27 | 30.09.2010 | Presentation of the study "Patents and Clean Energy: Bridging the Gap Between Evidence and Policy, A joint study by the United Nations Environment Programme (UNEP), the European Patent Office (EPO) and the International Centre for Trade and Sustainable Development (ICTSD) | Brussels, Belgium | Speaker, the Role of Patents in the Transfer of Clean Energy Technologies (CETs) |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|----|-----------------------------------|--|---|--|
| 28 | 20.3.2011 | Symposium on IP in the bioseed industry: Plant Varieties and Patents - Broccoli and Tomato, or who is privileged? Organised by the Institute for Globalization and International Regulation, Maastricht University | Maastricht University | Speaker |
| 29 | 11-12.07.2011 | World Intellectual Property Organization Conference on Innovation and Climate Change | Geneva, Switzerland | Speaker, IPRs and energy- related technologies - Implications for Policy |
| 30 | 1.03.2011 | The Anti Counterfeiting Trade Agreement (ACTA), Workshop by the European Parliament, Directorate General for External Relations, Policy Department and Committee on International Trade | European Parliament, Brussels, Belgium | The impact of the Anti- Counterfeiting Trade Agreement (ACTA) on access to medicines in developing countries |
| 31 | 30 October 2012 | Russian Academy of National Economic and Public Administration | Moscow | Leveraging and Enhancing Biopharmaceutical Innovation in Russia Challenges and Opportunities |
| 32 | 22-23 rd April 2013 | The 13th IEEM Intellectual Property Seminar Intellectual Property in an Open Society | Macau | Property vs. Equal Access – Pharmaceuticals and Climate Related Patents |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|----|------------------------------------|---|--------------------------|---|
| 33 | 21-23 May | Adam Smith Conferences' 19th annual international Russian Pharmaceutical Forum | St Petersburg, Russia | The Challenging Nature of the Pharmaceutical Business Implications for Emerging Markets |
| 34 | 24 June 2013 | 2013 EFPIA Annual General Meeting | Brussels | Panel on health and growth |
| 35 | 30 th September 2013 | AACCLA's 46th Annual Meeting U.S. Chamber of Commerce | Washington DC | Developing a Global Business Rule of Law Dashboard |
| 36 | 13-14 November 2013 | The Essentials of IP, for EU Officials – co- organized by the EPO and the Office for Harmonization in the Internal Market | Brussels, Belgium | IP policies for a knowledge economy in and outside Europe |
| 37 | May 2014 | Trade Secrets, Restrictive Covenants and the Knowledge Economy | Macau | Trade Secrets, Restrictive Covenants and the Knowledge Economy |
| 38 | June 2014 | Advancing Life Sciences Through Policy Development- Proceedings from an International Stakeholder Dialogue, June 23, 2014, La Jolla, California | California | Building the Bioeconomy |
| 39 | February 2015 | US Chambers of Commerce – Global IP Center | Delhi, India | Introducing the third edition of the GIPC International IP Index |
| 40 | October 2015 | Approaches to securing investment - Meir presentation, Interparliamentary Committee meeting, Oct 2015 | Moscow Russia | Strengthening investment conditions through effective policy-making |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|-----|----------------|---|------------------------|--|
| 41 | April 20015 | EIPIN Meeting, April 2015 | Munich, Germany | Pharmaceutical Innovation and Regulatory Data Protection – Friends or Foes? |
| 42 | November 2015 | The 15th IEEM Intellectual Property Seminar | Macau | Extortion rackets in IP: Promoting the Wrong Kind of Creative Ideas |
| 43 | January 2016 | US-India Business Council | Delhi | Building the Bio economy in India |
| 44 | February 2016 | US Chamber of Conference | Washington, DC | Measuring IPRs on a global scale – Launch of the GIPC IP Index |
| 45 | March 2016 | US Chamber of Conference- WTO TRIPS council | Geneva | Measuring IPRs on a global scale – Launch of the GIPC IP Index |
| 46 | April 2016 | ISPOR 2016 | Tel Aviv | Value Based Pricing in Israel |
| 47 | May 2016 | Beihang University | Beijing | Curriculum talk - Policy, economics and knowledge creation in biomedcial field - Considering China in a global context |
| 48 | September 2016 | OPPI Roundtable on National IPR Policy | Delhi | Developing a national biopharmaceutical eco-system and the role of IPRs |
| 49 | 6 June 2016 | BIO International Meeting- ICBA Ministerial Meeting | San Francisco, US | Building the Bioeconomy – policies and best practices |
| 50 | September 2016 | Inaugural speech Maastricht University | Maastricht | IP, Monopolies and the Knowledge Economy Sink or Swim |
| *51 | February 2017 | Industry-Government Meeting | Ankara | Leveraging the Bioeconomy in Turkey |
| *52 | February 2017 | US –Chambers of Commerce | Washington DC | Launch of the 5 th Edition of the GIPC Index |
| *53 | April 2017 | Join Meeting of the US Chambers and the US Government | Washington DC | Presenting the US Chambers Score for the US |
| *54 | May 2017 | EIPIN IS PhD Interviews and management meeting | Alicante, US | |

| | Date | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comments |
|-----|---------------|--|--|---|
| *55 | June 2017 | BIO International Meeting | San Diego, US | Launching the 5 th edition of the Building the Bio Economy report |
| *56 | February 2018 | The U.S. Chamber of Commerce's International IP Index – Sixth Edition | Washington DC | Launching the 6th Edition on the International IP Index, US Chambers of Commerce |
| *57 | 6 March 2018 | Towards a Sustainable European Market for Off Patent Biologics | European Parliament | Presentation of study findings |
| *58 | June 2018 | BIO International Meeting | Boston US | Launching the 6th edition of the Building the Bio Economy report |
| *59 | November 2018 | 25th Annual Conference of the Irish Pharmaceutical Healthcare Association (IPHA) | Dublin | Keynote speaker |
| *60 | Feb 2019 | Mid Term review of the EIPIN-IS project | Maastricht Campus, Brussels | |
| *61 | February 2019 | The U.S. Chamber of Commerce's International IP Index – Sixth Edition | Washington DC | Launching the 7th Edition on the International IP Index, US Chambers of Commerce |
| *62 | June 2019 | BIO International Meeting | Philadelphia | Launching the 6th edition of the Building the Bio Economy report |
| *63 | November 2019 | CIP Net project | Nankai University (NKU), Tianjin, China | Public-private partnerships and technology exploitation |
| *64 | December 2019 | A joint project by the Karolinska Institute and Bayer Ag | Stockholm | The Global Life Sciences Innovation Race: Where Does Europe Stand? An Evidence- Based, Comparative Analysis of Europe's Attractiveness to Life Sciences Innovation Investment |

b. <u>Organization of Conferences or Sessions</u>

| | Date | Name of Conference | Place of Conference | Role |
|---|------------|---|------------------------|---|
| 1 | 16.06.2005 | The Lisbon Agenda and the Future of Information Technology and Intellectual Property Rights in Europe, a Joint Round Table of the Stockholm Network and Managing Intellectual Property Journal | Brussels, Belgium | Event Chairman & Co- Organizer |
| 2 | 6.03.2006 | Intellectual Property Frontiers - Intellectual Property Rights and Small & Medium-Sized Enterprises (SMEs): A Barrier to Innovation or an Engine for Growth? a joint workshop of the Stockholm Network and Managing Intellectual Property Magazine | Brussels, Belgium | Event Chairman & Co- Organizer |
| 3 | 27.06.2006 | A Stockholm-Network Workshop on Intellectual Property Rights, Competition Rules & Article 82: Is there a Sensible Middle Ground? | Brussels, Belgium | Event Chairman & Co- Organizer |
| 4 | 25.10.2006 | Intellectual Property Rights, Small and Medium Size Enterprises and Health - Related Public Private Partnerships: A joint workshop by the World Intellectual Property Organization Small and Medium-Sized Enterprises (SMEs) Division and the Stockholm Network | Geneva, Switzerland | Event Co-Chairman in collaboration with Mr. Guriqbal Singh Jaiya, Director, Small and Medium-Sized Enterprises (SMEs) Division, World Intellectual Property Organization (WIPO) |
| 5 | 12.03.2008 | Cost Pressures on the German Health System – Is Health Technology Assessment the Solution? A joint event by the Stockholm Network and the Institute for Free Enterprise | Berlin, Germany | Event Chairman & Co- Organizer |

| | Date | Name of Conference | Place of | Role |
|----|------------|---|--------------------------------|-----------------------------------|
| 6 | 14.03.2008 | Are your Medicines Safe? – Counterfeits, Intellectual Property and the Future of Innovation, a joint workshop by the Stockholm Network and EVA (Finnish Business and Policy Forum) | Helsinki, Finland | Event Chairman & Co- Organizer |
| 7 | 15.4.2008 | The Process and Impact of the WHO Intergovernmental Working Group (IGWG) on Public Health, Innovation and Intellectual Property – An Assessment. A joint workshop by the Stockholm Network and the Maastricht University Faculty of Law | Maastricht, The Netherlands | Event Chairman & Co- Organizer |
| 8 | 22.09.2008 | Evidence-Based Policy in the Field of Intellectual Property Rights: Using Cutting-Edge Research to Improve Intellectual Property Policymaking – A joint workshop by the OECD and the Stockholm Network | Paris, France | Event Chairman & Co- Organizer |
| 9 | 8.09.2009 | Can Intellectual Property Rights Be Leveraged to Generate Greater Economic Value Among OECD Countries in a Period of Economic Crisis? A joint event by the Stockholm Network and MSD Israel | Ramat Gan, Kfar Hamacabia | Event Chairman & Co- Organizer |
| 10 | 1.06.2010 | Intellectual Property, Open Source, and Standards: Friends or Foes? Joint event by The Institute for Globalisation and International Regulation at Maastricht University Faculty of Law and the Stockholm Network Intellectual Property & Competition Programme | Brussels, Belgium | Co-Organizer & speaker |
| 11 | 7.11.2010 | Intellectual Property Rights, Foreign Direct Investment and Domestic Activities – Moving From a Zero Sum Game to a | Ankara, Turkey | Co-Organizer & speaker |

| | Date | Name of Conference | Place of Conference | Role |
|----|---------------------------------|---|--|---|
| | | Win-Win Model? A joint event by the Stockholm Network and MSD Israel | | |
| 12 | 17.06.2011 | Standardizing the Standardization Process? What next for Intellectual, Property Rights, Competition and Innovation in Europe, co- organised by The Institute for Globalisation and International Regulation at Maastricht University Faculty of Law and the Stockholm Network Intellectual Property & Competition Programme | Maastricht, University, The Netherlands | Co-Organizer & speaker |
| 13 | 18.10.2011 | Roundtable: Is Ageing Good For Us? The Societal and Economic Effects of Ageing, organised by the Stockholm Network | Brussels | Event Chairman & Co- Organizer |
| 14 | 21.06.2012 | BIO International Meeting 2012, Workshop on Intellectual Property and Biotechnology - The Way Ahead | Boston, Mass | Event Chair & Co- Organizer |
| 15 | 30 November 2012 | Life Science Invest Russia – Panel on Harnessing the power of IP in Russia - Challenges and Opportunities | St Petersburg, Russia | Co-organizer & moderator |
| 16 | September 16 th 2013 | Clinical Trials and Data Transparency – The Public Interest Case, a workshop organized by the Institute of Globalization and International Regulation (IGIR) | Brussels, Belgium | Event Chair & Co- Organizer |
| 17 | January 2015 | European Intellectual Property Network Meeting | Maastricht, the Netherlands | Panel moderator and speaker |
| 18 | January 2016 | US-India Business Council | Delhi, India | Keynote speaker: Building a Supportive Biopharmaceutical Environment in India |

| | Date | Name of Conference | Place of Conference | Role |
|----|------------|---------------------------------------|----------------------|---|
| 19 | March 2016 | US-Indonesia Investment Initiative | Jakarta Indonesia | Keynote speaker: Building a Supportive Biopharmaceutical Environment in Indonesia |

7. INVITED ADDRESSES

| | Date of Conference | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comme nts |
|---|-----------------------|--|--|---|
| 1 | 22.06.2005 | Expert Dinner Debate, Patentability of Computer Implemented Inventions | Brussels, Belgium | Keynote Speaker, The Lisbon Strategy and the Future of Intellectual Property Policy- Making in Europe |
| 2 | 12.07.2006 | The Knesset's Science and Technology Committee – Special Session on Technology Transfer | The Knesset, Jerusalem , Israel | Keynote Speaker, Utilization and Transfer of Knowledge and Technologies Owned by Government and Public Bodies in Israel |
| 3 | 04.06.2008 | Stockholm Network Meeting of European Members of Parliament (MEPs) | Brussels, Belgium | Keynote Speaker, On Land, Knowledge and the Space in Between - Is There a Distinction Between Property Rights and Intellectual Property Rights |
| 4 | 26.11.2008 | Stockholm Network Meeting of European Policy Makers | Brussels, Belgium | Keynote Speaker , 'If It Ain't Broke, Don't Fix It' – Some Thoughts About Innovation |
| 5 | 27.05.2009 | The "Ortiada" in the Biotechnological track, the Israeli Sci-Tech School (Ort). | Kfar Saba, Israel | Keynote Speaker , The Biomedcial Industry – From the Test Tube to the Market |
| 6 | 8.06.2010 | Bi-Annual Meeting of INTERPAT | New York, U.S | Keynote Speaker: the Political Economy of Pharmaceutical Intellectual Property battles in the 21st Century – on Companies, Trade Associations and Policy-Makers |
| 7 | 3 November 2013 | Montréal InVivo and Life Sciences Ontario Meetings | Montréal, Canada | Keynote Speaker: Canada's Intellectual Property Environment - Implications |

| | Date of Conference | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Comme nts |
|----|-----------------------|---|----------------------------------|--|
| | | on the Competitiveness of Canada's Life Sciences | | for Innovation and Growth in the Life Sciences Sector in Canada |
| 8 | 28-29 April 2014 | ABDI Workshop on: Building the Bioeconomy: Examining National Biotechnology Industry Development Strategies | Brasília & São Paulo, Brazil, | Keynote speaker: Examining National Biotechnology Industry Development Strategies |
| 9 | January 2016 | US-India Business Council | Delhi, India | Keynote speaker: Building a Supportive Biopharmaceutical Environment in India |
| 10 | March 2016 | US-Indonesia Investment Initiative | Jakarta Indonesia | Keynote speaker: Building a Supportive Biopharmaceutical Environment in Indonesia |

8. COLLOQUIUM TALKS

| | Date of | Name of Conference | Place of | Subject of |
|---|------------|--------------------------------|-------------|--|
| | Conference | | Conference | Lecture/Discussion/Co |
| | | | | mments |
| 1 | 15- | European Patent Office - | Munich, | Expert Speaker, the |
| | 16.05.2006 | Scenarios for the Future | Germany | Economics of Patents |
| 2 | 14.06.2006 | Creation and Exploitation - | Stockholm, | Keynote Speaker, |
| | | Analysis of Sweden's | Sweden | Analysis of Sweden's |
| | | Intellectual Property | | Intellectual Property |
| | | Performance | | Performance |
| 3 | 4.12.2007 | The Second Annual | Tel-Aviv, | Keynote Speaker, |
| | | Conference of the Intellectual | Israel | Intellectual Property |
| | | Property Forum of the | | Policy-Making in Israel |
| | | Federation of the Israeli | | Reality and Vision |
| | | Chambers of Commerce | | |
| 4 | 8.09.2008 | European Patent Office | The Hague, | Keynote Speaker, |
| | | Workshop | the | Evidence Based Policy |
| | | | Netherlands | and the Patent System: |
| | | | | How Can Patent Policy |
| | | | | Benefit from Empirical |
| | | | | Research |
| 5 | 25.11.2008 | The Future of Healthcare | Ljubljana, | Keynote Speaker, |
| | | Reform in Slovenia - ? A | Slovenia, | Slovenian Healthcare |

| | Date of Conference | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Co mments |
|-----|-----------------------|---|------------------------|--|
| | | Stockholm Network Event in Association with the Joze Pucnik Institute | | Reform and the Prospects for Innovation |
| 6 | 26.11.2008 | Stockholm Network Meeting of European Policy Makers | Brussels, Belgium | Keynote Speaker, 'If It Ain't Broke, Don't Fix It' – Some Thoughts About Innovation |
| 7 | 27.04.2010 | Postgraduate Course in Intellectual Property Rights, IDEA CINA, | Milan, Italy | Keynote Speaker, Intellectual Property Rights, Technology Transfer and the Environment – Implications for Policy |
| 8 | 27.02.2012 | Patents and Trademarks Authority, Israel | Jerusalem, Israel | Keynote Speaker, Patents in the 21st Century – Is it time to replace the system, or is it more relevant than ever? |
| 9. | 17.10.2014 | IGIR Experts Lectures | Maastricht, Holland | Keynote Speaker: What can Industry and Academia can learn from one another in the field of IP |
| 10 | 26 March 2015 | Joint meeting of the American Chamber of Commerce to the European Union | Brussels Belgium | The European Medicines Agency's Policy on the Public Release of Clinical Trials Data – One Year on |
| 11 | 19 May 2016 | Behihang University Seminar | Beijing, China | Policy, economics and knowledge creation in biomedcial field - Considering China in a global context |
| *12 | December 2019 | A joint project by the Karolinska Institute and Bayer Ag | Stockholm | The Global Life Sciences Innovation Race: Where Does Europe Stand? An Evidence-Based, |

| Date of Conference | Name of Conference | Place of Conference | Subject of Lecture/Discussion/Co |
|--------------------|--------------------|---------------------|-------------------------------------|
| | | | mments |
| | | | Comparative Analysis |
| | | | of Europe's |
| | | | Attractiveness to Life |
| | | | Sciences Innovation |
| | | | Investment |

9. RESEARCH GRANTS AND FUNDED PROJECTS

Note - Research grants and funded projects - the grants below were provided by international institutions, private bodies and public institutions. Since my affiliation to the University is based on partial position (0.25 specialist positions) I have a limited procedural ability to apply to competitive and academic grants. As such the following grants were awarded to me on a personal and individual bases, i.e. not via the University. Nevertheless the grants below have undergone rigorous professional review, based on the criteria of each organization, recognizing research excellence, topical needs, international profile, and ability to deliver high quality results

| Year | Granting Organization | Topic | Role | Amount |
|------|---|---|------|-------------|
| 2003 | Enterprise LSE, UK | Comparative research – comparing the intellectual property environments of Israel and Singapore (part of joint research team) | PI | US\$ 35,000 |
| 2004 | United Nations University Conference on Comparative Research in Integration Studies, Brussels | Research on multilateral, regional and bilateral intellectual property trade agreements | PI | EUR 6,000 |
| 2004 | The Gertner Institute, Israel | Management and exploitation of intellectual property rights in government- owned hospitals in Israel | PI | US\$ 15,000 |
| 2005 | International Centre for Trade and Sustainable Development, Switzerland | Research on pharmaceutical data exclusivity | PI | US\$ 2,000 |
| 2006 | Merck International Grants Committee, U.S. | The Intellectual Property Programme (Intellectual Property Academy) | PI | US\$ 25,000 |
| 2006 | Timbro, Sweden | Assessment of Sweden's intellectual property environment | PI | EUR 6,000 |
| 2007 | Merck International Grants Committee, U.S. | The intellectual property Programme (IP Academy) | PI | US\$ 25,000 |
| 2007 | The European Centre for International Political Economy (ECIPE) | The US and EU's Approach to the International Regulation of | PI | EUR 5,000 |

| | | Intellectual Property Trade- | | |
|------|---|---|-----|-------------|
| | | Related Agreements | | |
| 2007 | The IP Forum, The Federation | The Process of intellectual | PI | \$US 9,000 |
| | of Israeli Chambers of | property policy-making in Israel | | |
| | Commerce | – theory and practice | | |
| 2008 | Scian, The Institute for | Scian, The Institute for Scientific | PI | US\$ 20,000 |
| | Scientific Policy Analysis | Policy Analysis | | |
| 2008 | European Patent Office | Economic aspects of the patent system | PI | EUR 5,000 |
| 2009 | European Patent Office | Global survey of licensing activities in selected fields of Environmentally Sound Technologies (ESTs) | PI | EUR 12,000 |
| 2010 | World Intellectual Property Organization (WIPO) | Study on the Role of Intellectual Property Rights in the Transfer of Environmentally Sensitive Technologies (ESTs) | PI | EUR 15,000 |
| 2011 | Institute for Globalization and International Regulation, Maastricht University | Conducing the <u>economic</u> chapter of the external study on the Anti-Counterfeiting Trade Agreement (ACTA), commissioned by the Directorate General for External Studies, Policy Department of the European Parliament | PI | EUR 2,000 |
| 2012 | Enterprise LSE (London School of Economics) | Intellectual property consultant to Enterprise LSE (London School of Economics), preparing a report to the European Parliament, Directorate General for External Policies on The Anti-Counterfeiting Trade Agreement (ACTA) and its impact on access to generic medicines | PI | EUR 4,000 |
| 2013 | US Chamber of Commerce – Global Intellectual Property Center | Creation of the GIPC Intellectual Property Index | `PI | \$US 5000 |
| 2013 | US Chamber of Commerce | Creation of the Developing a Global Business Rule of Law "Dashboard | PI | \$US 5000 |
| 2014 | BIO | Research: Building the Bioeconomy: Examining National Biotechnology Industry Development Strategies | PI | \$US 4000 |
| 2015 | US Chamber of Commerce – Global Intellectual Property Center | Creation of the GIPC Intellectual Property Index – 3 rd edition | PI | \$US 5000 |

| 2016 | BIO | Research: Building the Bioeconomy: Examining | PI | \$US 6000 |
|------|------------------------------|--|----|-----------|
| | | National Biotechnology | | |
| | | Industry Development | | |
| | | Strategies – 2 nd edition | | |
| 2017 | US Chamber of Commerce – | Creation of the Developing a | PI | \$US 6000 |
| | Global Intellectual Property | Global Business Rule of Law | | , |
| | Center | "Dashboard | | |
| 2018 | BIO | Creation of the GIPC | PI | \$US 6000 |
| | | Intellectual Property Index – | | 70000 |
| | | 4 th edition | | |

10 SCHOLARSHIPS AND AWARDS

| Year | Granting Organization | Topic | | | |
|---------|---------------------------------------|---|--|--|--|
| Scholar | Scholarships | | | | |
| 2001 | London School of Economics, UK | Grant for Ph.D. | | | |
| 2004 | Pfizer Pharmaceuticals Ltd, Israel | Pfizer's Public Health Policy Forum , School of Public Health University of Haifa, 150,000NIS | | | |
| 2004 | Pfizer Pharmaceuticals Ltd, Israel | Pfizer's Public Health Policy Forum , School of Public Health University of Haifa, 100,000 NIS | | | |
| 2007 | Pfizer Pharmaceuticals Ltd, Israel | Health 2010 Forum, School of Public Health University of Haifa 50,000 NIS | | | |
| 2010 | Pfizer Pharmaceuticals Ltd, Israel | Health 2010 Forum, School of Public Health University of Haifa, 50,000 NIS | | | |
| 2011 | Pfizer Pharmaceuticals Ltd, Israel | Pfizer's Public Health Policy Forum , School of Public Health University of Haifa, 50,000 NIS | | | |
| 2012 | Pfizer Pharmaceuticals Ltd, Israel | Pfizer's Public Health Policy Forum , School of Public Health University of Haifa, 50,000 NIS | | | |
| *2013 | Pfizer Pharmaceuticals Ltd, Israel | Pfizer's Public Health Policy Forum , School of Public Health University of Haifa, 50,000 NIS | | | |

11. TEACHING

A. Courses Taught in Recent Years

| Title | Institution | Year | Туре | Level | Number of Students (average) |
|--|--|--------------------|--------|---|------------------------------------|
| Bioethics and Intellectual Property (Guest lecturer) | Faculty of Health Sciences, Ben-Gurion University | 2003 - 2005 | Course | Post- graduate students (M.A. and Ph.D) | 25 |
| The International Political Economy of Trade Policy | Hebrew University, Department of International Relations | 2005 | Course | B.A. Students | 60 |
| Management and exploitation of IPRs in the International Arena | Hebrew University, Department of International Relations | 2006 | Course | B.A. and post-graduate students | 40 |
| Management and Exploitation of Knowledge Assets and Intellectual Property Rights | University of Haifa, School of Public Health | 2003 to date | Course | Post- graduate students | 30 |
| Biomedical Entrepreneurship | University of Haifa, School of Public Health | 2004 to date | Course | Post- graduate students | 15 |
| Political Economy of Public Health Policy in Israel | University of Haifa, School of Public Health | 2006 to date | Course | Post- graduate students | 30 |
| Introduction to Intellectual Property Rights in Biomedicine | Faculty of Health Sciences, Division of Basic Science, Ben-Gurion University | 2009 - 2011 | Course | Post- graduate students | 20-25 |
| Planning, Managing and Executing Clinical Trials (Introduction to Cinical Trials) (co-moderator) | Faculty of Health Sciences, Division of Basic Science, Ben- Gurion University | 2009 - 2011 | Course | Post- graduate students | 20-25 |
| Seminar – biomedicine, Economics, Regulation, Ethics and the Interactions Between Them | Faculty of Health Sciences, Division of Basic Science, Ben- Gurion University | 2009 - 2011 | Course | Post- graduate students | 20-25 |
| Introduction to Entrepreneurship, Management, and Implementation of Bioechnological Projects: From the Test- Tube to the Market. | Faculty of Health Sciences, Division of Basic Science, Ben- Gurion University | 2010 - 2011 | Course | Post- graduate students | 20-25 |

| Commercialization and | Faculty of Health | 2010 | Course | Post- | 10 |
|------------------------------------|---------------------------|------|--------|----------|----|
| Utilization of Biomedical | Sciences, Division of | - | | graduate | |
| Knowledge Assets – an | Basic Science, Ben- | 2011 | | students | |
| Introduction to the | Gurion University | | | | |
| World of Tech Transfer | | | | | |
| Technology Transfer | Masters Intellectual | 2010 | Module | Post- | 15 |
| and Franchising Law | Property Law and | to | | graduate | |
| | Knowledge Management | date | | students | |
| | (LLM/MSc, Maastricht | | | | |
| | University Faculty of Law | | | | |
| Legal English and | Masters Intellectual | 2015 | Module | Post- | 15 |
| Methodology – | Property Law and | to | | graduate | |
| Understanding basic | Knowledge Management | date | | students | |
| economic dilemmas and | (LLM/MSc, Maastricht | | | | |
| perspectives relating to | University Faculty of Law | | | | |
| the use of IPRs, applying | | | | | |
| different models of | | | | | |
| economic analysis, | | | | | |
| collecting and analyzing | | | | | |
| economic data | | | | | |
| Principles and | University of Haifa, | 2020 | Course | Post- | 50 |
| dilemmas in | School of Public Health | to | | graduate | |
| management | | date | | students | |

B. Supervision of Graduate Students

| Degree | Title of Thesis | Name of Student | Date of Completion/ in Progress |
|--------|--|-----------------|---------------------------------|
| *Ph.D. | Trademarks and the margins of dilution | Amir Fridman | In progress |
| *Ph.D. | Patent pools and biomedical R&D | Rachel Chu | In progress |
| *Ph.D. | Standardization, patent pools and competition policy | Math Heckman | Completed 2017 |
| *PhD | Patents quality in pharmaceuticals | Nana | In progress |

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II. PUBLICATIONS

Note: For joint publications the authors have contributed equally, unless otherwise

specified.

A. Ph.D. Dissertation

The International Political Economy of Intellectual Property Rights - the TRIPS Agreement and

the Advanced Pharmaceutical Industry in Europe, May 2002.

Field of research: The international political economy of intellectual property rights. As a

case study the research takes the latest agreement on trade-related aspects of intellectual

property rights (TRIPs) of the WTO and relates it to the advanced, research-based,

pharmaceutical industry in Europe. It explores how the latter organises and operates both

domestically and internationally, in order to secure its interests with regard to the

international intellectual property agenda. The thesis combines economic aspects (trade and

technology-related issues as well as applied economics and statistical analysis) within a

'North-South' political framework.

Supervisors: Dr. Brian Hindley, Reader (Emeritus), Department of Economics, London School

of Economics

Dr. Razeen Sally, Senior Lecturer, Department of International Relations, London School of

Economics

Number of pages: 340

(Written in English)

The thesis was published as a book (see under authored books)

B. Scientific Books (Refereed)

Authored Books – Published

Pugatch, M.P. The International Political Economy of Intellectual Property Rights

(Edward Elgar: Cheltenham, UK, June 2004) 284 p. [based on PhD dissertation] – [Cited

by 120 scholars based on Google Scholar

Authored Books - Under Contract – see work in preparation

Prof. Meir Perez Pugatch

Edited Books and Special Journal Issues - Published

- 1. **Pugatch, M.P.**, ed. *The Intellectual Property Debate: Perspectives from Law, Economics and Political Economy* (Edward Elgar: Cheltenham, UK, September 2006), 374 p. Cited by 31 authors based on Google Scholar
- 2. **Pugatch, M.P**, Jensen, A. eds. *Healthy IPRs A Forward Look at Intellectual Property* (Stockholm-Network: London, April 2007), 192 p.

C. Monographs

Monographs are scientific publications that focus integrating academic expertise with concrete policy implications. They are published by esteemed, recognized think-tanks and research centers.

Edited

1. Jensen, A. **Pugatch, M.P.**, (eds). *Intellectual Property Frontiers – Expanding the Borders of Discussion* (Stockholm Network: London, December 2005), 56 p.

Authored

- 2. **Pugatch, M.P.** Beyond Lisbon Reviewing EU Policies on IP, Competition and Innovation (Stockholm-Network: London, 2007), 24 p.
- 3. **Pugatch, M.P**. A Transatlantic Divide? The US and EU's Approach to the International Regulation of Intellectual Property Trade-Related Agreements (European Centre of International Political Economy: Brussels, April 2007), 30 p.
- 4. **Pugatch, M.P.**, Ficai F. "A Healthy Market An Introduction to Health Technology Assessment" (Stockholm-Network: London, April 2007) [*authors appear according to their relative contribution], 9 p.
- 5. Jensen, A. Moore, S., **Pugatch M.P**. *Why Digital Rights Management?*, Stockholm-Network Intellectual Property and Competition Policy Papers (paper number 6) (London: April 2007), 10 p.
- 6. **Pugatch, M. P.**, Davison, H. A Healthy Market? Health Technology Assessment in Context (Stockholm-Network: London, July 2007) [*authors appear according to their relative contribution], 19 p.
- 7. Torstensson, D., Sasaki, R., **Pugatch, M. P**. Free Use or Fair Use? The Role of Internet Mediators in Protecting Intellectual Property Rights (Stockholm-Network: London, October 2007), 41 p.

- 8. Niemietz, K., **Pugatch, M. P**. *Health Technology Assessment in the UK and Germany* (Stockholm-Network: London, October 2007), 32 p.
- 9. Argov, R., Davison, H, **Pugatch M. P**. *Promoting Technology Transfer in Developing Countries: Lessons from Public-Private Partnerships in the Field of Pharmaceuticals*. Stockholm-Network Experts' Series on Pharmaceutical IPRs, paper no. 1 (Stockholm Network: London, December 2007), 31 p.
- 10. Torstensson D., **Pugatch, M. P.** *Courting Confusion? Where is Canada's Intellectual Property Policy Heading?* Stockholm-Network Experts Series on Pharmaceutical IPRs, paper no 3. (Stockholm-Network: London, 2008), 40 p.
- 11. **Pugatch, M. P**. *If it Ain't Broke, Don't Fix It A Discussion Paper on the Benefits of the Voluntary Market-Driven Approach to Innovation* (Stockholm-Network: London, 2008), 46 p.
- 12. Healy P., **Pugatch, M. P.** Theory versus Practice: Discussing the Governance of Health Technology Assessment Systems (Stockholm-Network: London, 2009), 63 p.
- 13. Torstensson D., **Pugatch, M. P**. *Europe's 'Postcode Lottery'* the Challenge of Central authorisation Versus National Access to Medicines (Stockholm-Network: London, 2009), 19 p.
- 14. Chu R, **Pugatch, M. P**. Biosimiars or Biogenerics Discussing the Present, Considering the Future (Stockholm-Network: London, October 2009), 31 p.
- 15. Torstensson D., **Pugatch, M.P.** Keeping Medicines Safe A Study of the Regulations Guiding the Approval of Medicines in Emerging Markets (Stockholm-Network: London, 2010), 56 p, Cited by 9 authors based on Google Scholar
- 16. Chu, R. Torstensson D., **Pugatch, M.P.** *Patient Safety and Comfort: the Challenges of Switching Medicines* (Stockholm-Network: London, 2010), 57 p.
- 17. **Pugatch, M.P.**, Torstensson, D. *Underneath the Surface Pharmaceutical Procurement Processes and Their Role in the Distribution of Substandard and Counterfeit Medicines in Emerging Markets* (Stockholm-Network: London, 2012), 83 p.
- 18. Healy P., **Pugatch, M. P.** Capturing Value Why Dynamic Efficiency Should be Considered in the Pricing and Reimbursement of Medicines (Stockholm-Network: London, 2012), 83 p.
- 19. **Pugatch, M.P**, Johnston A, Taylor D. *Clinical Trials and Data Transparency the Public Interest Case* (September 2013, a Pugatch Consilium report, commissioned by PhRMA and EFPIA)
- 20. Pugatch, M.P, Disney H, Innovative Future, Scenario Analysis of Pharmaceutical Innovation and Access to Medicines in Europe (February 2014, a Pugatch Consilium report, commissioned by EFPIA)

- 21. **Pugatch, M.P.**, Torstensson, D., Chu R. *The Value of Cross-Border Data, The Value of Cross-Border Data to Consumers, Companies and Governments* (April 2014, Pugatch Consilium report, commissioned by CEO Technology Council)
- 22. **Pugatch, M.P,** Torstensson, D. *Building the Bio-Economy Examining National Biotechnology Industry Development Strategies* (May 2014, Pugatch Consilium report, commissioned by BIO)
- 23. **Pugatch, M.P,** Torstensson, D. Building the Bio-Economy Examining National Biotechnology Industry Development Strategies 2n edition (June 2015, Pugatch Consilium report, commissioned by BIO)
- 25. **Pugatch, M.P**, The Next Frontier in Ensuring the Quality of Medicines Maintaining International Quality and Safety Standards in the Manufacturing and Supply of Active Pharmaceutical Ingredients 2015, Pugatch Consilium report, commissioned by PhRMA)
- 26. **Pugatch, M.P**, Torestenssen, D, Chu R. Biopharmaceutical Competitiveness & Investment 2015 2nd edition (Washington DC)
- 27. **Pugatch, M.P,** Torestenssen, D, Chu R, The U.S. Chamber International IP Index, Infinite Possibilities, Fourth Edition (February 2016, Washington DC)
- 28. **Pugatch, M.P**, A Global assessment of Localization Policies and Incentivizing Life Science Investment and Innovation (March 2016, Washington DC)
- 29. **Pugatch, M.P,** Torestenssen,, Laufer, M. Challenges and Opportunities Developing the Biotechnology Sector in Colombia (July 2016, Washington DC)
- 30. **Pugatch, M.P,** Torestenssen, D, Chu R, The U.S. Chamber International IP Index, The Roots of Innovation, Fifth Edition (February 2017, Washington DC)
- 31. **Pugatch, M.P**, Charting the Course to Sustainable Neglected Disease Globally (Pugatch Consilium: May 2017)
- *32. **Pugatch, M.P,** Torestenssen, Laufer, M. UNINTENDED CONSEQUENCES How introducing a manufacturing and export exemption to supplementary protection certificates would weaken global standards of IP protection and result in direct losses to Europe's research-based biopharmaceutical industry (September 2018, Brussels)
- *33 **Pugatch, M.P**, Torestenssen, D, Chu R, The U.S. Chamber International IP Index, Sixth Edition (February 2018, Washington DC)
- *34 **Pugatch, M.P**, Torestenssen, Laufer, M. *Towards a sustainable European Market for Off-Patent Biologics* (March 2018, Brussels)
- *35. **Pugatch, M.P**, Torestenssen, D Building the Bio Economy, 5th Edition (June 2018, Washington DC)

- *36 **Pugatch, M.P,** Torestenssen, D U.S. Chamber International IP Index, Sixth Edition (February 2019, Washington DC)
- *37 **Pugatch, M.P**, Evaluating the Orphan Regulation and its impact on patients and rare disease R&D in the European Union (Brussels, March 2019)
- *38 **Pugatch, M.P**, Torstensson, D. Building the Bio-Economy Examining National Biotechnology Industry Development Strategies 6th edition (June 2019, Pugatch Consilium report, commissioned by BIO)
- *39 **Pugatch, M.P, 2019** Biopharmaceutical Competitiveness & Investment (BCI) Survey Emerging Markets, November 2019, Pugatch Consilium report, commissioned by BIO)

D. Articles in Refereed Journals

1. **Pugatch, M. P.** (2005). Patents, Pharmaceuticals and the Implementation of Paragraph 6 of the Doha Declaration on the TRIPs Agreement and Public Health. *Journal of BioLaw and Business*, 8 (1). 16-21.

SJR (2005)=0.117; R=139/158 (Q4) in Biotechnology, 69/75 (Q4) in Applied Microbiology and Biotechnology, 312/364 (Q4) in Public Health, Environmental and Occupational Health

2. **Pugatch M.P**. (2005). The International Regulation of IPRs in a TRIPs and TRIPs *plus* World. *Journal of World Investment and Trade*, *6* (1). 430-465.

W&L Law Journal Rankings (2008): 65/93 Commercial Law (Q3)

3. Von Braun, J., & **Pugatch, M.P.** (2005). The Changing Face of the Pharmaceutical Industry and Intellectual Property Rights. *Journal of World Intellectual Property*, *8* (5). 599-623. Cited by 18 authors based on Google Scholar

SJR (2005)=0.104; R=216/275 (Q4) in Law

W&L Law Journal Rankings (2005): 35/51 in Intellectual Property (Q3)

4. **Pugatch M.P.** (2006). Political Economy of Intellectual Property Policy-Making: Theory and Practice. *Journal of World Investment and Trade*, 7 (2) . 257-274., Cited by 9 authors based on Google Scholar

W&L Law Journal Rankings (2008): 65/93 Commercial Law (Q3)

- 4a. **Pugatch, M.P.** (2006). Political Economy of Intellectual Property Policy-Making: Theory and Practice. *The Geneva Post Quarterly*, 1 (2). 161-192.
- 5. **Pugatch, M.P**. (2006). Measuring the Strength of National Pharmaceutical Intellectual Property Regimes: Creating a New Pharmaceutical IP Index. *Journal of World Intellectual Property*, *9* (4). 373-391, Cited by 11 authors based on Google Scholar SJR (2006)=0.107; R=231/301 (Q4) in Law

W&L Law Journal Rankings (2006): 37/54 in Intellectual Property (Q3)

- 6. **Pugatch, M.P**. (2007). Measuring the Strength of National Pharmaceutical Intellectual Property Regimes in Eight Countries: Using a Pharmaceutical IP Index to Benchmark India. *Journal of World Investment and Trade*. 8 (4). 573-591.
- <u>W&L</u> Law Journal Rankings (2008): 65/93 in Commercial Law (Q3)
- 7. **Pugatch, M.P.**, & Disney, H. (2008). Intellectual Property, Innovation and Consumers An Alliance for Good. *European Journal of Consumer Law*, 4. 453-452. [*authors appear according to their relative contribution]
- 8. **Pugatch, M.P**. (2009). The Process of Intellectual Property Policy-Making in 21st Century Shifting from General-Welfare Model to a Multi-Dimensional One. *The European Intellectual Property Review*, *6*. 307-314.
- W&L Law Journal Rankings (2009): 50/65 in Intellectual Property (Q4)
- 9. **Pugatch, M. P.** (2010). Encouraging the Technology Transfer of Environmentally Sound Technologies (ESTs): Reducing Risks in the Transfer and Utilization of ESTs to Mitigate Climate Change. *European Journal of Risk Regulation* (EJRR), 1(4). 408-415 SJR (2011)=0.211; R=25/63 (Q2) in Safety Research
- 10. **Pugatch, M. P.** and Chu, R. (2011). The strength of Pharmaceutical IPRs vis- à -vis Foreign Direct Investment in Clinical Research: Preliminary Findings. *Journal of Commercial Biotechnology* [*authors appear according to their relative contribution], 4(17). 11p, Cited by 9 authors based on Google Scholar
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SJR (2011)=0.211; R=25/63 (Q2) in Safety Research

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- *13. **Pugatch, M.P.**, Chu, R., Torstensson, D. & Dayan, A. (2012), "Does your country deserve investment from biopharma?" Scientific American World (2012, p.85) **E. Articles or Chapters in Scientific Books (which are not Conference Proceedings)**
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- 3. **Pugatch M.P.** "Much Ado About Nothing the WTO TRIPs Deal on Drugs' Patents", in: Debroy, B., Saqib, M. and Mitra, M. ed. *WTO at Ten: Looking Back to Look Beyond* (Konark Publishers: New Delhi, February 2005), vol.2, Chapter 11, pp. 333-347
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- 5. **Pugatch, M.P**. "What is the Value of Your Patent? Theory, Myth and Reality", in: Jensen, A. Pugatch, M.P., (eds). *Intellectual Property Frontiers Expanding the Borders of Discussion* (Stockholm Network: London, December 2005), pp. 34-35
- 6. **Pugatch, M.P**. "Resurrecting the TRIPs Agreement", in: Jensen, A. Pugatch, M.P., (eds). *Intellectual Property Frontiers Expanding the Borders of Discussion* (Stockholm Network: London, December 2005), pp 34-35
- 7. **Pugatch, M.P**. "The International Regulation of IPRs in a TRIPs and TRIPs Plus World", in: Woolcock, S.B. (ed.) *Trade and Investment Rule-Making: the Role of Regional and Bilateral Agreements* (United Nations University Press: New York, 2006), pp. 177-207, Cited by 17 authors based on Google Scholar
- 8. **Pugatch, M. P.** "Intellectual Property and Pharmaceutical Data Exclusivity in the Context of Innovation and Market Access", in: Vivas-Eugui, D. Tansey, G. and Roffe, P. (eds.) *Negotiating Health* (Earthscan & International Centre for Trade and Sustainable Development: Geneva, February 2006), pp. 97-132, Cited by 31 authors based on Google Scholar
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- 10. **Pugatch, M.P**. Zlotnick, O. Teubal, M. "Israel's High Tech Catch-Up Process: The Role of IPR and Other Policies" in Odagiri, H. Goto, A. Sunami, A and Nelson, R. (eds). *Intellectual Property Rights and Catch-Up: An International Comparative Study* (Oxford University Press, 2010), chapter 7, Cited by 90 authors based on Google Scholar
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13. Pugatch, M.P Regulatory Data Protection for Pharmaceuticals – State of Play, Contributed Chapter for the EIPIN 2016 Meeting in Munich (Oct 2020)

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- 2. **Pugatch. M.P**. *Political Economy of Intellectual Property Policy-Making: Theory and Practice*, paper presented at the AHRC Copyright Research Council 2006 Workshop: Copyright, Corporate Power and Human Rights (London: January 2006) [see item in section D.9.], 19 p.
- 3. **Pugatch, M.P,** Torstensson. D. "The Good, the Bad, and the Ugly How have Policymakers Dealt with the Growing Complexity of the Intellectual Property Debate and the issue of Online Piracy?", *Conference Board of Canada, The International Forum on The Creative Economy*, Compendium of Research Papers (Ottawa: August 2008), 10 p.
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G. Entries in Encyclopedias

None

H. Other Scientific Publications

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- 1. **Pugatch M.P.** *Implications of the Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPs) for Bangladesh*, Background Study to the Government of Bangladesh, prepared for Maxwell Stamp plc, (London: October 1999), 26p.
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- 8. **Pugatch M.P.** The Value of Data Exclusivity: Implications for Israel's Economy, Social Welfare and Health, prepared for Pharma-Israel (November 2003), 19p.
- 9. **Pugatch, M.P**. Management and Exploitation of Intellectual Property Rights in Government- owned Hospitals in Israel, prepared for the Gertner Institute, (in Hebrew) (February 2005), 67p.
- 10. Sen. J., Sally, R., **Pugatch, M.P**. *Intellectual Property Policy Fundamentals Supportive of the Pharmaceutical and Biomedical Industries in Advanced Developing Countries with Established R&D Capabilities*, Prepared for Enterprise LSE (London: March 2005), 25p.
- 12. **Pugatch, M.P.** *Creation and Exploitation Analysis of Sweden's Intellectual Property Performance* (TIMBRO: Sweden, June 2006), 30p.
- 13. **Pugatch, M.P**. Damage Assessment of Delays in the Examination and Approval of Patent Applications by the Patent and Trademark Office in Israel, Report Commissioned by the Ministry of Justice- Patent and Trademark Office July 2006), (in Hebrew), 39p.
- 14. **Pugatch, M.P**. *Policy Making of Pharmaceutical Intellectual Property Rights in Israel Reality and Vision*. Report Prepared to the IP Forum, Federation of Israeli Chambers of Commerce (ICC Israel: Tel-Aviv, November 2007), (in Hebrew) 84p.
- 15. **Pugatch, M.P**. Survey of Licensing Activities in Selected Fields of Environmentally Sound Technologies (ESTs), Submitted to the United Nations Environment Programme (UNEP), the European Patent Office (EPO), and the International Centre for Trade and Sustainable Development (ICTSD) (January 2010), 44p.
- 16. Chu, R. **Pugatch, M.P**. Submission to the European Commission Guidelines on the Applicability of Article 101 of the Treaty on the Functioning of the European Union to Horizontal Co-operation Agreements (Stockholm-Network: London, 2010), 10p.
- 17. **Pugatch, M. P** .The Role of Intellectual Property Rights in the Transfer of Environmentally Sensitive Technologies (ESTs), Report Prepared to the Global Challenges Division, World Intellectual Property Organization (WIPO: Geneva, July 2010), 41p.
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- Prepared by the Institute for Globalization and International Regulation, Maastricht University; Commissioned by the Directorate General for External Policies of the Union (European Parliament, July 2011), pp. 32-47
- 19. **Pugatch, M.P.**, Torstensson, D. *The impact of the Anti-Counterfeiting Trade Agreement (ACTA) on Access to Medicines in Developing Countries*, Report Submitted to Enterprise LSE as part of a workshop of the European Parliament, Directorate General for External Policies on The Anti-Counterfeiting Trade Agreement (ACTA) (June 2012), 19 p.
- 20. Torstensson, D., **Pugatch, M.P** (2013) INDIA: International Outlier on IP A Review of India's Relationship with Intellectual Property Rights and Its Economic Consequences, (Global Intellectual Property Center, US Chamber of Commerce, July 2013)
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- 22. **Pugatch, M.P.**, Torstensson, D., Chu R. *The Value of Cross-Border Data, The Value of Cross-Border Data to Consumers, Companies and Governments* (April 2014, Pugatch Consilium report, commissioned by CEO Technology Council)
- 23. **Pugatch, M.P**, Torestenssen, D, Chu R, The Creative Industries and the BRICS (September 2014, CISAC, Paris)
- 24. Pugatch, M.P., The Next Frontier in Ensuring the Quality of Medicines Maintaining International Quality and Safety Standards in the Manufacturing and Supply of Active Pharmaceutical Ingredients 2015, Pugatch Consilium report, commissioned by PhRMA)
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1. **Pugatch, M.P**. *Model Bill: Utilization and Transfer of Knowledge and Technologies Owned by Government and Public Bodies in Israel*, prepared for the Member of the Knesset, MK Meli Polishook Bloch, Chairman of the Science and Technology Committee, (in Hebrew), (July 2004), 23p.

I Professional Magazines and Bulletins

- 1. **Pugatch, M.P.**, Shani S (alphabetical order). "Direct to Consumer Advertising in Prescription Drugs (DTCA)", in: *Pharmaline Israel* (August 2002), (in Hebrew), pp. 14, 22
- 2. **Pugatch, M.P**. 'Data Exclusivity in the Context of EU Enlargement', in: *IPR Bulletin*, no. 12 (December 2003 January 2004), pp. 10-15

- 3. **Pugatch, M.P**. 'What is the Value of Your Patents? Theory, Myths and Realities", in: *IPR Bulletin*, no.17 (October-November 2004), pp. 2-3
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- 5. **Pugatch, M.P**, "A New Way to Measure Success in the IT Industry: a Project Organized Jointly by MIP, the Stockholm Network and the Progress & Freedom Foundation to Assess the Level of IP Protection Available for the IT Industry in the World's Major Markets", *Managing Intellectual Property Magazine*, (London: July-August 2006)
- 6. **Pugatch, M.P**, "Big Pharma Strikes Back", in: *Pharmaceutical Executive Europe* (September 2006), p.70
- 7. **Pugatch, M.P**, "Index Reveals EU's IT Innovation Deficit A new Index Measures the Strength of IP Protection for the IT Industry in 10 Key Markets", in: *Managing Intellectual Property Magazine* (London: December 2006), pp. 25-29
- 8. **Pugatch, M.P**. "Measuring the Strength of National Pharmaceutical Intellectual Property Regimes in Eight Countries: Using a Pharmaceutical IP Index to Benchmark India", *Intellectual Capital*, issue no. 24 (India, January-March 2008)
- 9. **Pugatch, M.P**. "Measuring IP Protection in the IT Sector" *Managing Intellectual Property Magazine* (London: July 2009)
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- 11. **Pugatch, M.P** "Reflections Genes for Sale?", *Scientific American Israel*, (September 2010)
- 12 **Pugatch, M.P.** "Standardizing the Standardization Process" *Managing Intellectual Property Magazine* (London: February 2012)
- 13. **Pugatch MP**. Stemmet, J. South Africa's Intellectual Property Developments Heading in the Wrong Direction? (Sep 2014, FDI Magazine)
- *14. **Pugatch, M.P,** Scientifc American World View Israel (June 2016) http://www.saworldview.com/scorecard/worldviewguide/#Israel
- *15. **Pugatch, M.P**, , Chu, R, To get India's Clinical Research Sector Live and Kicking, Again (The Hindu Business Line, 23 December 2016) http://www.thehindubusinessline.com/specials/pulse/invitation/article9442207.ece
- *16. **Pugatch, M.P**, Forces Localization Fails to Deliver, The Catalyst (June 2016) http://catalyst.phrma.org/forced-pharmaceutical-localization-fails-to-deliver

I. Other Publications

- 1. **Pugatch M.P.**" The Paradox of Intellectual Property Rights: Israel is Not Ready to Deal With the Implications of this Important and Vital Subject on its Economy", in: *The Exporter* (in Hebrew) (September 1999)
- 2. **Pugatch M.P**. "South Africa's Red Light: the Latest Compromise Between South Africa and the US on Aids Medicines Should Make Israel Worry", in: *Haaretz* (in Hebrew) (26 September 1999)
- 3. **Pugatch M.P.** "And the Rest Is Forgotten: Why is it Important for Israel to Deal With Intellectual Property Issues Other Than Copyrights"?, in :*Haaretz* (in Hebrew) (8 November 1999)
- 4. **Pugatch M.P.** "Profits or Health? Israel Must Adopt a Policy of Parallel Imports in Patented Pharmaceuticals In Light of the Latest WTO Ruling Regarding the Patent Protection Dispute Between Canada and the European Community", in: *Haaretz* (in Hebrew) (27 April 2000)
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- 6. **Pugatch M.P.** "Who Benefits From Parallel Imports?" in: *Haaretz Health* (in Hebrew), (1 January 2001), Letters
- 7. **Pugatch M.P**. "Trade Ethics", in: *Haaretz Health* (in Hebrew) (29 January 2001), Letters
- 8. Pugatch M.P. "Patenting Life", in: Haaretz Health (in Hebrew) (24 September 2001)
- 9. Pugatch M.P. "Genetic Banks", in: Haaretz Health (in Hebrew) (25 February 2002)
- 10. **Pugatch, M.**P. "Direct to Consumer Advertising in Prescription Drugs Information to Consumers or Profits for Manufacturers", in: *Haaretz Health* (in Hebrew) (26 August 2002)
- 11. **Pugatch, M.P.** "Software is Like any Other Inventive Activity", in *Financial Times*, Letters (9 February 2005)
- 12. **Pugatch, M.P** "Going In the Wrong Direction", in: *Foreign Direct Investment Magazine* (London, June/July 2006), pp. 70-71
- 13. **Pugatch, M.P** "the Breakaway Path on the Latest Decisions of the Israeli Parliament on the Reimbursement of Medicines", in: NRG Portal www.nrg.co.il (in Hebrew) (25 December 2007)

- 14. Pugatch, M.P. "If It Ain't Broke, Don't Fix It: Some Thoughts about Innovation", Foreign Direct Investment Magazine (London, December 2008/January 2009)
- 15 Disney, H and Pugatch, M.P "Keeping Pirates at Bay", European Voice (3 March 2009),
- 16. Pugatch, M.P. "Is Public Sector Innovation Possible?" Public Service Europe (1 June 2011)
- *17. **Pugatch, M.P** "On Intellectual Property, a New Strategy", The Indian Express, (17 March 2014)
- *18. Pugatch, M.P "Towards a Positive IP Mindset", The Hindu Business Line, (29 April 2015)

Other Works Connected with my Scholarly Field -

- 1. European Patent Forum, Scenarios for the Future Detailed Interviews Written Interview with Dr. Meir Perez Pugatch (EPO: Munich, April 2007), pp. 535-540, http://www.epo.org/news-issues/issues/issues/issues/issues/issues/interviews/detailed.html
- J. Submitted Publications not at the moment
- k. Summary of my Activities and Future Plans

My current areas of research and professional activities focus on the fields of intellectual property policy, management and exploitation of knowledge assets, technology transfer, innovation entrepreneurship, health systems reform and health technology assessment (HTA).

My contribution to academic research and related policy activities focuses on five central areas.

The first area deals with the political economy of intellectual property rights (IPRs) in general and the interaction between intellectual property (IP) performance and the activities of interested groups (e.g. pharmaceutical companies) in particular. My first book, *The International Political Economy of Intellectual Property Rights*, which was published by academic publishers Edward Elgar in 2004, significantly contributed to the understanding of the dynamic dimension of the IP environment in the pharmaceutical field. In the following years, I widened my research drawing special attention to the manner in which interested groups attempt to influence the IP environment at different strata. I also published several important articles and chapters that compared the behaviour of interested groups in the pharmaceutical and software fields (for example *Political Economy of Intellectual Property Policy-Making: Theory and Practice", Journal of World Investment and Trade, vol. 7:2, April 2006*).

The second area deals with the creation and enforcement of international agreements in the IP arena on a multilateral, regional and bilateral level. My research emphasizes the different approaches towards IP-related trade policies in international agreements, adopted

by leading nations, such as the U.S.A and Europe. For example my article - *The International Regulation of IPRs in a TRIPS and TRIPS plus World, Journal of World Investment and Trade vol. 6:3, July 2005* has received much attention and is used as a data source by different organisations (such as the international center for trade and sustainable development, ICTSD) and cited by different scholars. At the request of various organisations (such as the European Center of International Political Economy (ECIPE), International Trade Policy Unit of the London School of Economics, etc), this study was subsequently adapted, updated and expanded and presented in reports. Some of my studies were published by the European Parliament, for example: **Pugatch, M.P.**, Torstensson, D. *The impact of the Anti-Counterfeiting Trade Agreement (ACTA) on Access to Medicines in Developing Countries*, Report Submitted to Enterprise LSE as part of a workshop of the European Parliament, Directorate General for External Policies on The Anti-Counterfeiting Trade Agreement (ACTA) (June 2012), 19 p.

The third area deals with the various components of IP rights in the biotechnological and pharmaceutical sectors. My work on these issues has contributed to the understanding of the theoretical and practical significance of the protection of medical files in the process of registration (data exclusivity). It has also contributed towards the manner in which it is possible to use compulsory licensing within the framework of international agreements (TRIPS) for the purpose of making medicines accessible in underdeveloped countries. Two particularly known publications of mine on this subject are: "Intellectual Property and Pharmaceutical Data Exclusivity in the Context of Innovation and Market Access", in: Vivas-Eugui, D. Tansey, G. and Roffe, P. (eds.) Negotiating Health (Earthscan & International Centre for Trade and Sustainable Development: Geneva, February 2006) and "Much Ado About Nothing - the WTO TRIPS Deal on Drugs' Patents", in: Debroy, B., Saqib, M. and Mitra, M. ed. WTO at Ten: Looking Back to Look Beyond (Konark Publishers: New Delhi, February 2005), vol.2, Chapter 11.; Building the Bio-Economy Examining National Biotechnology Industry Development Strategies (May 2014, Pugatch Consilium report, commissioned by BIO)

The fourth area in which I believe I have made an important contribution deals with the quantitative measurement of the IP environment. I was fortunate to develop the first index of its kind that measures the strength of the IP regime relating to the pharmaceutical industry and, recently, the software industry, in a quantitative manner in various countries. The importance of this index manifests itself in that it enables accurate measuring of the strength of the pharmaceutical IP regime in various countries. My research was first featured in *Journal of World Intellectual Property -"Measuring the Strength of National Pharmaceutical Intellectual Property Regimes: Creating a New Pharmaceutical IP Index"*, vol. 9: 4 (July 2006). Since then the index has been expanded and published in numerous academic and professional journals, such as *Measuring the Strength of National Pharmaceutical Intellectual Property Regimes in Eight Countries: Using a Pharmaceutical IP Index to Benchmark India"*, *Journal of World Investment and Trade*, vol.8:4 (August 2007)

The index is regularly cited in numerous professional journals and presentations. Indeed, in 2009 I was asked to revise and update my IP index and publish its results in Managing Intellectual Property Magazine (July 2009).

It is worth citing a review of this work by Prof Ian Cockborn of Boston University:

"To my knowledge, only Pugatch (2006) has worked on an index based on such a comprehensive set of indicators for assessing the strength of IPRs in this sector. Since the passage of the TRIPS Agreement, many countries have made significant changes to their patent laws in various of the dimensions listed above, and the diversity of these changes across countries presents interesting potential opportunities to identify their effects. Obviously, though, the effort required to collect data on all of these items is high: Pugatch has computed his index only for eight countries..... It should, therefore, be a priority to construct (and publish) this type of index for a wide range of countries; to do this both on a "look back" and continuing basis, e.g. 1990, 1995, 2000, 2005, 2010, and to use a similar methodology to construct indexes relevant to other sectors, e.g. the complex/cumulative technologies such as software, telecommunications, semiconductors." (Cockborn, I. M. 'Intellectual Property Rights and Pharmaceuticals: Challenges and Opportunities for Economic Research', The Economics of Intellectual Property. Suggestions for Further Research in Developing Countries and Countries with Economies in Transition (WIPO, 2009))

In 2012 I was asked by the US Chambers of Commerce to create a global cross sectorial index (the GIPC Index). The index is based on 30 indicators and covers 35 countries. The index is widely cited and used as a benchmark by different countries and industries.

Finally, over the last years I have diversified my research into additional areas such as health technology assessment (HTA), pricing and reimbursement and healthcare system reforms. Some of my publications, particularly in the area of political economy of HTA, have gained popularity and a reputation in the international arena (for example my recent co-authored paper - Theory versus Practice: Discussing the Governance of Health Technology Assessment Systems (Stockholm-Network: London, 2009) — has been published in German and also in Slovak (at the request of Dr. Darina Sedláková, MPH Head, WHO Country Office in Slovakia). Additionally, in 2010, I was interviewed by Nature Medicine (April 2010) with regard to my publication (co-authored): Torstensson D., Pugatch, M.P. Keeping Medicines Safe - A Study of the Regulations Guiding the Approval of Medicines in Emerging Markets (Stockholm-Network: London, 2010);

My current and future areas of interests would include the following:

- The political economy of intellectual property rights: I intend to continue to explore the interaction between intellectual property (IP) performance and the activities of interested groups (e.g. pharmaceutical companies), as well as further research the process of intellectual property policy making.
- The global intellectual property architecture: I intend to specifically focus on the creation and enforcement of international agreements in the IP arena on a multilateral, regional and bilateral level.
- Pharmaceutical intellectual property rights: I will be focusing on the various components of intellectual property rights in the biotechnological and pharmaceutical branches (i.e. patents, trademarks and data exclusivity).

- Indices of IPRs: I am interested in researching the quantitative measurements of intellectual property environments, especially in the pharmaceutical, content industries and IT sectors. In this context I intend to continue to update the Global Intellectual Property Index which was commission by the US Chambers of Commerce
- Innovation and technology transfer: I intend to focus on national innovation strategies in the biomedical fields and the energy sector, and on the utilization and transfer of knowledge by public bodies and academic institutions (Bayh-Dole, tech-transfer offices, among others).
- Health technology assessment (HTA): I will be researching HTAs with a particular focus on the political economy of HTA systems in different countries.

Work in preparation - specific projects, planned publications and contributions to science:

In the near future I intend to focus on the following aspects:

- Finalize my research into the systemic, macroeconomic and legal factors that contribute to the development of biotechnological capabilities, a research project by BIO
- 2. Carry out the 6th edition of the Biopharmaceutical Competitiveness Index (BCI) Survey, the purpose of which is to provide a comprehensive snapshot of different countries' attractiveness for biopharmaceutical investment, derived from the firsthand knowledge of experts and investors operating in each country.
- 3. Update the 10th Edition of the GIPC global intellectual property Index, expanding it to 50 countries
- 4 Update the 4th edition of the Global Rule of Law Business Dashboard (Commission by the US Chambers of Commerce)
- 5. Participate in the launch of the 6th Edition of the GIPC Index in Washington DC in February 2021
- 6. Co-organize and chair a forthcoming EIPIN Conference in Feb 2021 in Maastricht