



**IP Facilitation Center ( IPFACE)**  
750, NCL Innovation Park  
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**Half-Day Seminar on**  
**Life Sciences Patent Protection in US and India**

<b>LEARN</b>	Learn about the scope and strategies of patent protection in the US (world's largest market for biotech products) and India (domestic market). Learn from practicing patent attorneys from US and India.
<b>FOR WHOM</b>	IP and technology management/ commercialization professionals Life sciences/ biotechnology inventors/ entrepreneurs Students of life sciences/ biotechnology/ IP/ patent law
<b>WHEN</b>	18 <sup>th</sup> April 2011 (Monday) Time: 1015 -1245 hrs
<b>WHERE</b>	Training Room Venture Center, 100 NCL Innovation Park Dr. Homi Bhabha Road, Pune-411008
<b>CONTACT</b>	Gayatree Wagh IP Facilitation Center 100, NCL Innovation Park, Dr. Homi Bhabha Road Pune - 411008 Phone: +91-20-6401-1024 Email: <a href="mailto:ipasso@ipface.org">ipasso@ipface.org</a>
<b>FEE</b>	Free but registration required. Limited seats - 30 seats only! First-come-first-serve. Book your seat at <a href="http://www.ipface.org/">http://www.ipface.org/</a>
<b>SUPPORTED BY</b>	<ul style="list-style-type: none"><li>• IPFACE, Venture Center</li><li>• CII - Biotechnology Resource Center</li><li>• Gopakumar Nair Associates/ Gnanlex Hemeneutics Pvt Ltd</li><li>• Eclipse Group, USA</li></ul>



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## INTRODUCTION

Patent protection is often key to competitive advantage for enterprises in the life sciences space including medical biotechnology, agricultural/ animal/ rural biotechnology, industrial biotechnology, bioinformatics etc. It is important for inventors, entrepreneurs and industry professionals to understand what can be patented, how it can be patented and also the latest advances/ developments in intellectual property law in leading markets of the world. The US is the largest market for the life sciences industry today while India is one of the fastest growing markets in the world. In this context, this seminar aims to inform the audience on patent protection of life sciences inventions in the US and India.

## OBJECTIVE

To inform the audience on the scope of patent protection possible in life sciences. To inform the audience on emerging trends in patent protection and ownership relating to life sciences inventions in the US and India.

## WHO IS IT FOR?

- IP and technology management/commercialization professionals
- Life sciences/ biotechnology inventors/ entrepreneurs
- Students of life sciences/ biotechnology/ IP/ patent law

## SEMINAR SCHEDULE

Date	Timing	Session title
18 Apr 11	10.15-10.30	Registration and Tea, Snacks
	10.30-10.40	Introduction
	10.40- 11.30	Talk: on 'Life Science Patenting in India - A comparative analysis' by , Dr. Gopakumar Nair  Life Science Patenting in India - A Comparative Analysis  Abstract Ever since the controversies relating to patentability of 'hydrocarbon hungry bug' in Diamond vs. Chakrabarty and the

		Harvard Oncomouse have emerged, debates on Life-form patenting have remained stormy. Newer developments in GM brinjal, cloning, stem cell therapy have only added fuel to the fire. A comparative critique of Indian, US and European patent laws with regard to the statutory provisions and emerging judicial precedence are dealt with.
	11.30-12.30	<p>Talk: 'Life Science Patent Protection and Patent Ownership in the U.S' by, Dr. Nathan Letts</p> <p>Abstract: Dr. Nathan Letts, a PhD organic chemist and experienced patent attorney visiting from the United States, will discuss recent life science patent cases. Specifically, Dr. Letts will give a seminar on patent protection for pharmaceuticals, biotechnology, and diagnostics under current laws. One case, <i>Stanford v. Roche</i>, regards ownership of Federally-funded inventions and the Bayh-Dole Act under review by the Supreme Court. Another case he will discuss is the Court of Appeals for the Federal Circuit (CAFC) decision, <i>Prometheus v. Mayo</i>, about patent protection for a diagnostic method for monitoring drug treatment. Lastly, he will discuss a case currently under review by the CAFC related to genes associated with breast and ovarian cancer BRCA1/2, <i>American Association of Molecular Pathologists et al. v. Myriad</i> and the US Patent and Trademark Office. The Myriad case has received a great deal of attention because it has the potential to dramatically change the U.S. law on biotechnology patents such as Amgen's erythropoietin patents.</p>
	12.30- 12.45	Discussion and closure

## FACULTY

- Dr. GopaKumar Nair



*Dr. Gopakumar Nair, heads his own IP boutique firm, Gopakumar Nair Associates and is also CEO of Patent Gurukul, reputed and well-known training centre for Patents*

Profile: 40 years in Pharma Industry as Director, Managing Director & Chairman of various public limited pharma companies, Dr.Nair has also served Industry Associations for more



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than 25 years in various capacities, latest as President of Indian Drug Manufacturers' Association (IDMA), during 1999-2000. Presently Dr. Nair is Consultant to Pharmexcil on IPR and was also a Consultant to NAARM (ICAR) on P.G. Diploma in Intellectual Property & Technology Management in Agriculture. He was also Advisor to Bulk Drug Manufacturers' Association (BDMA) and is currently Advisor/Consultant to nearly 15 Pharma/Biotech/Agrotech companies. Dr. Nair is also Editor, Assistant Editor, Editorial Board Member of various publications and journals, relating to pharma, biotech and chemicals. In the field of Intellectual Properties, Dr.Nair was the Dean of Institute of Intellectual Property Studies (IIPS) at Hyderabad, India. Presently he heads his own IP boutique firm, Gopakumar Nair Associates and is also CEO of Patent Gurukul, reputed and well-known training centre for Patents. Dr. Nair is a Ph.D from National Chemical Laboratory (NCL), Pune and has Diploma in Management & Patent Law. Dr. Nair is also a Law (LL.B) graduate from Mumbai University. Dr. Nair is an IPR Consultant and practicing Patent Attorney. He is also a practicing lawyer specializing in Mediation and Arbitration as well as in licencing and technology transfer. He is a practicing Patent & Trademark Attorney & has filed hundreds of Patents & Trademarks including PCT. Dr. Nair has many articles and publications to his credit, including valid granted Indian patent, as inventor. He is also associated with various Educational Institutions such as President, Bharat Education Society, with schools & colleges under its ambit.

- Dr. Nathan Letts



*Dr. Nathan Letts is working as Counsel at The Eclipse Group in North Carolina. The Eclipse Group LLC is a broad-based technology law firm including patent, trademark, copyright, corporate/security and entertainment/new media*

Profile: Dr. Nathan Letts has nearly 20 years of experience in life science patent law. He received a PHD in organic chemistry from Columbia University under Professor Ronald Breslow. He received JD from Fordham Law School. In New York City he worked at Cooper & Dunham LLP as a Scientific Advisor and Pennie & Edmonds (now Jones Day) as an Associate in their biotech/pharma group. From 2001-2007 he was sole in-house counsel at diaDexus, Inc. in San Francisco where he served in a number of roles of increasing responsibility including Vice President Intellectual Property & Licensing



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## ABOUT THE ORGANIZERS

IPFACE aims to promote awareness and adoption of intellectual property rights amongst entrepreneurs and MSMEs in India while also making accessible high-quality IP services and resources. IPFACE is a project of the Venture Center supported by the Ministry of Micro, Small and Medium Enterprises, Government of India and National Chemical Laboratory, Council of Scientific and Industrial Research, India. For more information about IPFACE services, visit [www.ipface.org](http://www.ipface.org)

CII Biotechnology Resource Centre (CII-BRC) in Pune, Maharashtra, India is a resource center serving biotechnology entrepreneurs, professionals, start-up companies and the biotechnology industry at-large. The CII-BRC aims to make available information, services, resources and programs. The CII-BRC is an initiative of the Confederation of Indian Industry and Government of Maharashtra in partnership with Venture Center. For more information, visit: <http://www.ciibrc.org/>

Gopakumar Nair Associates: GNAs is a premier intellectual property consultancy and legal advisory firm providing high-quality legal and technical solutions for companies in the biotechnology, biomedical, chemical, health care, pharmaceutical, and other knowledge based industries. For more information, visit: <http://www.gnaipr.com>

The Eclipse Group LLC is a broad-based technology law firm including patent, trademark, copyright, corporate/security and entertainment/new media – each with an international focus. With over 15 attorneys licensed to practice before the U.S. Patent and Trademark Office, The Eclipse Group LLC effectively provides a wide range of skills and expertise through its five offices located in Los Angeles, CA; Irvine, CA; San Diego, CA; Chicago, IL and Durham, NC. For more information, visit: <http://www.eclipsegrp.com/>