

# DR. SUNIL KUMAR MANDAL, PhD, MBA

Vice President & Site Head PI Health Sciences Ltd., Hyderabad, India

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Dynamic IICA-Certified Independent Director & ESG Strategist with 25+ Years of Global Leadership Driving Governance, Innovation, and Sustainable Growth in Science-Led Industries through Strategic Risk Oversight and Value Creation.

LinkedIn Profile



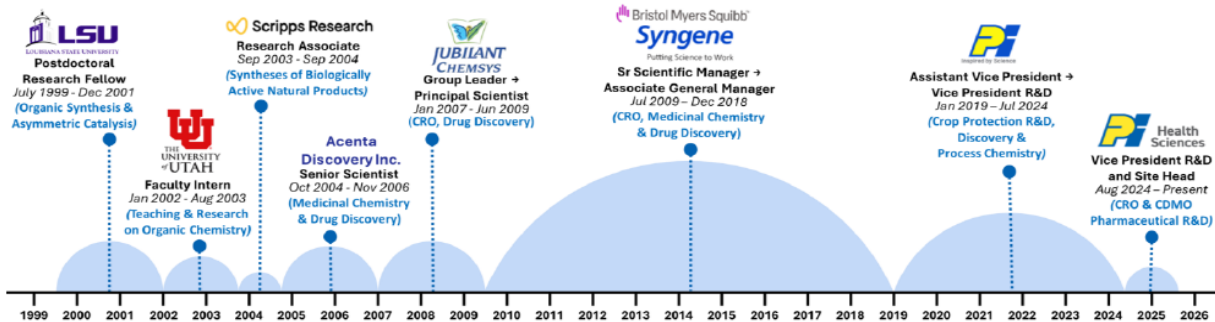
Independent Director | R&D | ESG | Six Sigma | Coach

## EXECUTIVE SUMMARY

An accomplished leader with over two decades of global experience in pharmaceuticals, agrochemicals, and specialty chemicals. IICA-certified Independent Director and ESG strategist with a PhD in Organic Chemistry, bridging science, governance, and strategy. Delivered breakthrough innovations, including advanced therapeutic molecules and India's first indigenous crop protection agent, while embedding sustainability and financial discipline into R&D. Recognized for forging strategic CRO/CDMO alliances, driving profitability, scalability, and cost leadership through transformation, building high-performing teams, and governance excellence for science-driven and future-focused organizations.



## CAREER TIMELINE



## STRATEGIC LEADERSHIP PORTFOLIO

### Governance & Strategy

Providing strategic oversight, ensuring regulatory compliance, and embedding ESG principles into R&D, business, and corporate governance.

### Knowledge & Leadership

- Companies Act, Board Essentials, and Board Practices
- ESG (Environmental, Social & Governance) principles and frameworks
- Business management, accounting, and finance
- Corporate governance and fiduciary duties
- Strategic risk oversight and crisis management
- Long-term value creation and stakeholder capitalism

### Certifications/Credentials

- Leadership Direct, Harvard Business School
- Independent Directorship, Indian Institute of Corporate Affairs (IICA)
- ESG Expert, Director's Institute (accredited by CPD)

### Operations & Processes

Driving operational excellence, digital transformation, innovation, and safety through effective leadership and continuous improvement.

### Knowledge & Leadership

- Leadership of large R&D teams (180+ scientists)
- Chair, R&D ESG and Management Committee
- Quality management and continuous improvement
- Operational efficiency and digital transformation
- Chair, Site Safety Committee
- Supply chain governance and sustainability
- Innovation governance and IP protection

### Certifications/Credentials

- Digital Transformation, Purdue University
- Lean Six Sigma Black Belt, Henry Harvin Education
- Certified Safety Professional, BCSP (USA)

### People & Customer

Shaping high-performance cultures, stakeholder engagement, and building resilient leadership pipelines through mentoring and coaching.

### Knowledge & Leadership

- Organizational change management
- People development and employee engagement
- Talent acquisition, onboarding, mentoring, and coaching
- Individual development, succession planning and leadership pipeline development
- Stakeholder engagement and reputation management
- Diversity, equity, and inclusion (DEI) governance

### Certifications/Credentials

- Corporate Trainer and Facilitator (accredited by CPD and HRCI)
- Executive and Life Coach (accredited by CPD and HRCI)
- Certified POSH Trainer (accredited by CPD and HRCI)

## EDUCATION

**MBA in Leadership and Strategy** -  
Liverpool Business School, UK -2025



**Advanced General Management –**  
Institute of Management Technology  
(IMT) in partnership with upGrad,  
India - 2024



**upGrad**

**Leadership Direct – Executive**  
Management Program - 2013

**HARVARD**  
Management



**Harvard**  
Business  
School

**Ph.D. in Organic Chemistry** - National  
Chemical Laboratory (NCL), Pune  
University, India - 1999



**M.Sc. in Organic Chemistry** -  
University College of Science and  
Technology, Calcutta University,  
India - 1994



**B.Sc. in Chemistry Hons. –**  
Ramakrishna Mission Vidyamandira,  
Calcutta University, India – 1992



## PATENTS & PUBLICATIONS

*J. Am. Chem. Soc.* 2001, 123, 6457-6458  
*J. Org. Chem.* 2003, 68, 7535-7537  
*J. Org. Chem.* 2003, 68, 4600-4603  
*J. Org. Chem.* 1999, 64, 2454-2458  
*J. Org. Chem.* 1998, 63, 5672-5674  
*J. Org. Chem.* 1998, 63, 1901-1905



AMERICAN CHEMICAL SOCIETY

**Patents – 5**

WO/2020/250183A1,  
WO/2015/100282A1,  
WO/2015/002918A1,  
WO/2015/031295,  
WO/2013/012827A1

**Publications/Presentations – 18**

**Total Citations – 475**

*Bioorg. Med. Chem. Lett.*; 2018, 28, 732-36  
*Bioorg. Med. Chem. Lett.*; 2015, 9, 1905-09  
*J. Organomet. Chem.* 2001, 624, 18-25  
*Tetrahedron Lett.* 1999, 40, 6061-6064



ELSEVIER

*Angew. Chem. Int. Ed.*  
2005, 44, 3443-3447  
*Pest Management Science*,  
2025, 81(5), 2522-2528



*J.C.S. Perkin Trans. 1.*  
2002, 5, 669-674

*Chem. Commun.* 2002, 1924-1925



*Ind. J. Chem. Sec B.*  
2001, 40B(11), 1063-1071



## REWARDS & RECOGNITIONS

Served as distinguished panel member  
at the “Innovative Processes for Bulk  
Drugs (IPBD-2025)” conference, hosted  
by NIPER-Hyderabad on March 27–28,  
2025.

Dr. Sunil Kumar Mandal  
Represented PI Health Sciences at

**IPBD-2025**  
**Panel Discussion**

27<sup>th</sup> – 28<sup>th</sup> March, 2025

NIPER, Hyderabad



Recipient of Professor Asima  
Chatterjee Award (PAC-2024) for  
outstanding achievement in  
chemistry and contributions to the  
Indian Chemical industry



Served as chairperson of the “15<sup>th</sup>  
IUPAC International Congress of Crop  
Protection Chemistry” organized by  
Indian Council of Agricultural Research  
on 14-17 March, 2023, New Delhi, India.



Several Star Awards by Bristol-Myers  
Squibb for intellectual contribution to  
medicinal chemistry programs during  
the years 2012-2014

Behavior Excellence Awards by  
Bristol-Myers Squibb in the year  
2013 & 2014

Best research paper in organic  
chemistry, “Dr. Rajappa prize-2002” by  
research foundation of National  
Chemical Laboratory, India