

## Curriculum Vitae

### Personal Data

Title	Dr.
First Name	Sonal
Last Name	Jaiswal
Current position	Managing Director
Current institution(s)/site(s), country	iFIT Cluster of Excellence, Röntgenweg 11, University Hospital Tübingen, 72076, Germany
Contact- Phone Number	07071 29-86219
Contact- email	Sonal.Jaiswal@med.uni-tuebingen.de
Identifiers/ORCID	0009-0000-0041-2000

### Qualifications and Career

Stages	Periods & Details
Degree Programs	<b>2016-2018</b> , (First class with distinction), Master of Science, Biochemistry and Molecular Biology, Banaras Hindu University, India <b>2015-2016</b> , (First Class), Post Graduate Diploma in Clinical Research, Symbiosis Centre of Health Care, India <b>2012-2015</b> , (First class with distinction), Bachelor of Science, Zoology, Banaras Hindu University, India
Doctorate	<b>2018-2023</b> , Ph.D., (Excellent), Indian Institute of Technology, Jodhpur, Department of Bioscience & Bioengineering, India
Professional Career	<b>Since 2025</b> , Managing Director, iFIT Cluster of Excellence, University Hospital Tübingen, Germany <b>Since 2025</b> , Scientific Reviewer, UK <b>2024 - 2025</b> , Industry Expert (Trademark Specialist, AI trainer, Applied Life Science Training Consultant), Germany <b>2023-2024</b> , Head of Administration, Department of Management, Techno India University, India <b>2021-2022</b> , Project Specialist, Graduate School of Science, India <b>2017</b> , Regulatory Affairs Specialist, MEDPharma, India <b>2016</b> , Clinical Research Executive, RG Kar Medical College & Hospital, India

## Academic Distinctions

- GATE XL (Life Sciences)- All India Rank 621, 2019
- CSIR-UGC-NET (Life Sciences)- All India Rank 69, 2018
- BHU PET- Zoology- All India Rank 1, 2017

## Scientific Achievements

### Publications

- **Jaiswal S.**, Sanghi S., Singh P. Separation of function MCPH mutations in CPAP affect centriole number and length, *Journal of Cell Science*, 2023, doi: <https://doi.org/10.1242/jcs.261297>.
- **Jaiswal S.**, Parida S.,K., Singh P, Murarka S.(2022). Development of S-Aryl Dithiocarbamate Derived Novel Antiproliferative Compound exhibiting Tubulin bundling. *Bioorganic and Medicinal Chemistry*, 116874.
- **Jaiswal S.** and Singh P. Centrosome dysfunction in human diseases. (2020). *Seminars in Cell & Developmental Biology*, 110, 113-122.
- **Jaiswal S.**, Kasera H., Jain S., Khandelwal S. and Singh P. (2021). Centrosome: A Microtubule Nucleating Cellular Machinery. *Journal of Indian Institute of Science*, 101, 5-18. Parida S.,K.,
- **Jaiswal S.**, Singh P (2021). Multicomponent synthesis of biologically relevant S-aryl dithiocarbamates using diaryliodonium salts. *Organic Letters*, 23, 16, 6401-6406.
- Parida S. K., Hota S. K., **Jaiswal S.**, Singh P. And Murarka S. (2022). Multicomponent Synthesis of Biologically Relevant S-Diarylmethane Dithiocarbamates Using p-Quinone Methides. *Advance Synthesis & Catalysis*, doi: 10.1002/adsc.202200029 (Very Important Publication).

### Interview

- First person – Sonal Jaiswal. *J Cell Sci*, 1 November 2023; 136 (21): jcs261746. doi: <https://doi.org/10.1242/jcs.261746>

## Awards and Honors

- Junior Researcher Award – Indian Science Academy (InScA), India, 2023  
Recognized for outstanding contributions in interdisciplinary cancer research.
- 2nd Best Poster Award – Pharmacophore Modelling / QSAR / AI & ML  
Ramaiah University, India, 2023  
Awarded for presenting innovative molecular modeling approaches in drug discovery.
- Merit Scholarship – Ministry of Education, Government of India, 2018  
National-level award for academic excellence during postgraduate studies.
- Bhavishya Jyoti Scholarship – NIIT, 2011  
Awarded for early promise in IT and data-focused training programmes.

## **Administrative and Leadership Experience**

- Chair, Rotaract India MDIO  
Provided strategic leadership for national youth engagement programs and inter-district coordination.
- District Rotaract Representative, Rotary International  
Oversaw Rotaract operations across multiple clubs under Rotary International District 3053.
- President, Rotaract Club of IIT Jodhpur  
Led community service initiatives and international collaborations within the IIT ecosystem.
- General Secretary, Postgraduate Academic Council, IIT Jodhpur  
Represented student interests in curriculum planning, policy formulation, and academic feedback systems.
- Member Representative, Internal Complaints Committee, IIT Jodhpur  
Contributed to policy implementation on gender equity and institutional response to complaints under the PoSH Act.

## **Professional Certifications and Skills Development**

- Good Clinical Practice (ICH-GCP)
- Business Communication
- Customer Relationship Management (CRM)
- Product Management
- Data Analytics with Generative AI
- Microsoft Copilot for Research
- Regulatory and Medical Writing
- Deutsches Sprachzertifikat für den Beruf (DSZ-B), Score: 97.5/100
- Project Management Fundamentals – IBMI, Berlin
- Predictive Project Management (PMP) – Core Concepts
- Lean Six Sigma – Yellow Belt Certification