

Nicolas W.G. Chen

Born, April 26th 1980 in Paris, France

Nationality, French



Contact information

Institute of Research in Horticulture and Seeds (IRHS)

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 [Google Scholar](https://scholar.google.com/citations?user=...)

 [IdHAL, nicolaswgchen](https://idhal.inrae.fr/nicolaswgchen)

Phytopathology - Plant-microbe interactions - Comparative genomics - Phylogeny - Transcriptomics

EDUCATION

- Ph.D. in Biology, Paris-Saclay University, 2010
- M.Sc. in Integrative Biology and Physiology, major in Plant Science, Sorbonne University, 2006
- B.Sc. in Organism Biology, Paris-Cité University, 2004

PROFESSIONAL EXPERIENCE

Since 2012, [Associate professor](#), CNECA 5

Teaching at L'Institut Agro Rennes-Angers - Plant Protection and Phytopathology

Research at the Institute of Research in Horticulture and Seeds (UMR 1345 - IRHS) team EmerSys

Common bacterial blight of bean, diversity and molecular analysis of a seedborne phytopathogenic bacteria

2009-2011, [Graduate assistant fellow](#) (ATER)

Teaching at Sorbonne University - Genetics, Plant Physiology and Molecular biology

Research at the Laboratoire des Interactions Plantes-Pathogènes (UMR 217-Paris, France)

Effects of bacterial siderophores on iron homeostasy and resistance of Arabidopsis thaliana

2006-2010, [Doctoral fellow](#)

Teaching at the Palais de la Découverte Science Museum - Popular science in Genetics, Animal Biology and Ecology

Research at L'Institut de Biologie des Plantes (UMR 8618 - Orsay, France)

Comparative genomics of a resistance gene cluster in common bean and soybean

SCIENTIFIC OUTPUT

- [24 peer-reviewed articles](#) - [1415 citations](#) - [H-index, 15](#)
- 4 non-peer-reviewed articles (science popularisation, book chapters...)
- 21 Oral presentations (14 international, 7 national)
- 14 Posters (9 international, 5 national)

LEADERSHIP

Since 2024, co-leader of [EmerSys team](#)

Since 2020, coordinator of the [FNX network](#)

Since 2017, co-funder and co-leader of the Engineer M.Sc. program [PPE-Horticulture](#)

Ph.D SUPERVISION

2014-2017, Mylène RUH

2017-2020, Justine FOUCHER

2020-2023, Charlotte GAUDIN

2023-ongoing, Euvaris Nanwinyele SOME

EXPERTIZE

- Since 2025: Member of the disciplinary committee of L'Institut Agro Rennes-Angers
- Internship supervision: M.Sc. (x4) and B.Sc(x2)
- Organization of international events: Workshops (x3 coordination), Meetings (x3 coordination, x3 preparation)
- Recruitment panels: Assistant professor positions (x2), Doctoral school competition (x2)
- Thesis committees: Ph.D. monitoring committees (x3), Ph.D. defense committees (x2)
- M.Sc. committees: M.Sc. defense committees (10-16 per year), M.Sc. monitoring (3-5 per year)
- Peer-review: 1-3 articles per year

PROJECTS & FUNDINGS

2014-2017	X-HOT	Coordinator	Angers-Loire-Metropole & RFI Pays de Loire	115 k€
2014-2017	CROpTAL	WP Leader	ANR-14-CE19-0002-04	616 k€
2017-2020	BRUTAL	Coordinator	INRAE-SPE & Région Pays de la Loire	96 k€
2020-2022	CBB	Coordinator	LIMAGRAIN-VILMORIN-MIKADO-SEEDS	20 k€
2020-2023	CRISTAL	Coordinator	L'Institut Agro & Région Pays de la Loire	91 k€
2020-2021	FNX network	Coordinator	INRAE-SPE	10 k€
2021-2023	CRISTAL	Coordinator	INRAE-SPE	28 k€
2021-2026	SUCSEED	WP Leader	ANR PPR-CPA	3,000 k€
2022-2023	PhD mobility	Coordinator	TSARA via INRAE-SPE	9k€
2023-2024	FNX network	Coordinator	INRAE-SPE	5 k€
2023-2024	NIEBABU	Coordinator	TSARA via INRAE-SPE	34 k€
2024-2024	PhD mobility	Coordinator	Ambassade de France au Burkina Faso	15 k€
2025-2025	MSc internship	Coordinator	Fondation L'Institut Agro	4 k€
2025-2026	FNX network	Coordinator	INRAE-SPE	5 k€

HONORS & AWARDS

- Laureate of the "Collège doctoral franco-brésilien 2008-2009" grant (3-months doctoral mobility), Brazil
- Best presentation at the "PhD days" 2007 meeting of the Ecole Doctorale Sciences du Végétal, France
- Ministerial doctoral fellowship (MENRT) 2006-2009 ministère de l'enseignement et de la recherche, France
- Master's ministerial merit scholarship 2005-2006 ministère de l'enseignement et de la recherche, France

MISCELLANEOUS

- French: Mother tongue – English: Fluent – German: Notions
- Music: Violin (8 years conservatoire), live concerts (violin, singing, mandoline, trombone)
- Hiking, travelling, meeting people...