

ANNUAL DECLARATION OF INTERESTS (ADoI)

(Please note that high quality of scientific expertise is by nature based on prior experience and that therefore having an interest does not necessarily mean having a conflict of interest)

Name: NOGUE, Fabien

Title: Dr

Profession: Senior scientist

Current EFSA involvements: Member-GMO Panel 2018-2021 (GMO), Member-GMO Applications molecular characterisation 2018-2021 (GMO), Member-GMO WG on Gene drive (GMO)

Nature of Activities	Period	Organisation	Subject matter
I. Financial investments			NO INTEREST
II. Managerial role			NO INTEREST
III. Member of a scientific advisory entity			NO INTEREST
IV. Employment	09/1992 - now	-Name: Institut National de la Recherche Agronomique (INRA)	Legal remit of the entity or organisation: French public research institute dedicated to scientific studies concerning agriculture. INRA has no official responsibility to carry out risk management Expert's role: do research as a senior scientist in INRA a public research institut with research groups working on plant and animal molecular biology. Impact on annual earnings: >25%

V. Occasional consultancy	09/2017 - 07/2018	-Name: Société Nouvelle des Pépinières et Roseraies Georges DELBARD SAS, Société Nouvelle des Pépinières et Roseraies Georges DELBARD SAS, COMMENTRY, FRANCE	Consulting on the use of new gene editing technologies (CRISPR-Cas9), in rose tree and apple tree, not related to transgenesis. in light of the ECJ ruling on gene editing techniques the company's strategy will focus on classical breeding. I have resigned from the scientific committee of this company. Impact on annual earnings: 0%
	04/2016 - 09/2016	-Name: French National Consultative Council for Biosafety (CNCB) (CNCB), Paris, FRANCE	Ad hoc expert for the French National Consultative Council for Biosafety (CNCB) on "Risks associated with a dual use of techniques for synthesis and programmed modification of genomes". Impact on annual earnings: 0%
VI. Research funding	06/2017 - now	-Name: INRA, Institut National de la Recherche Agronomique, FRANCE, Paris cedex 07	Basic research on genome editing into potato plants. project # POTATOCRISP (funding 100% from the French National Research Agency) Role: Project leader and senior scientist (personal involvement exclusively scientific) Responsibilities: to write the proposal and reports and to design and coordinate the experimental work. Associated deliverable: study report. Proportion of the annual funding that comes under the professional sphere of influence of that person or from which the expert otherwise benefits that comes from the private sector: 0% collaborators : JE. Chauvin INRA Rennes JL. Gallois INRA Avignon The collaboration in the frame of this project entails sharing data and methodological knowledge.
	07/2012 - now	-Name: Agence Nationale de la Recherche	Basic research on genome modification and gene targeting in plants project # ANR-11-BTBR-0001_GENIUS (funding 100% from the French National Research Agency) Associated deliverable: study report Proportion of the annual funding that comes under the professional sphere of influence of that person or from which the expert otherwise benefits that comes from the private sector: 0% collaborators : P. Rogowski INRA Lyon M. Mazier INRA Avignon N. Nesi INRA Rennes E. Guiderdoni CIRAD Montpellier W. Paul BIOGEMMA company Clermont-Ferrand The Biogemma company is developing GMOs for market approval. The collaboration in the frame of this project entails sharing data and methodological knowledge. F. Cedrone Cellectis company Paris The Cellectis company does not develop plant GMOs for market approval. The collaboration entails the sharing of data and tools. This collaboration is in the framework of a general Cooperation Agreement between Cellectis and the INRA institute.
	02/2019 - 08/2021	-Name: ANR, L'Agence Nationale de la Recherche, The French National Research Agency, FRANCE, Paris	Research on genome editing into Nicotiana Benthamiana plants. project # GETUP (funding 45% from MEDICAGO, 41% from INRA and 14% from the French National Research Agency). MEDICAGO is a biopharmaceutical company that operates in the medical area for vaccines and protein based therapeutics. Role: Project leader and senior scientist (personal involvement exclusively scientific) Responsibilities: to write the proposal and reports and to design and coordinate the experimental work. Associated deliverable: study report.

	12/2009 - 01/2014	-Name: Agence Nationale pour la Recherche Ministere de la Recherche	Basic research on DNA repair and gene targeting in plants project # ANR Genetop Associated deliverable: study report Proportion of the annual funding that comes under the professional sphere of influence of that person or from which the expert otherwise benefits that comes from the private sector: 0% collaborators : MP. Doutriaux CNRS-Orsay University E. Guiderdoni CIRAD Montpellier W. Paul BIOGEMMA company Clermont-Ferrand The Biogemma company is developing GMOs for market approval. The collaboration in the frame of this project entails sharing data and methodological knowledge.
VII. Intellectual property rights	10/2017 - now	-Name: INRA, Institut National de la Recherche Agronomique, FRANCE, Paris cedex 07	Participant as inventor in Patent #BRV060 "Method for targeted modification of the genetic material of a plant cell using the CRISPR-Cas9 SYSTEM". This method has the potential to be applied for the engineering of food/feed products through new gene editing techniques (e.g. CRISPR-Cas9). patent #BRV060 is not used nor licensed to any entity. I have no financial gain link to patent #BRV060. Impact on annual earnings: 0%
	12/2010 - now	-Name: Institut National de la Recherche Agronomique France/ UC Davis USA	Participant as inventor in Patent # USA 61/418,792 Title : Synthetic clonal reproduction through seeds. Topic covered by the granted right: Plant breeding. Impact on annual earnings: 0%
VIII. Other memberships or affiliations	07/2018 - now	-Name: ARRIGE, Association for Responsible Research and Innovation in Genome Editing (ARRIGE), Association for Responsible Research and Innovation in Genome Editing (ARRIGE), FRANCE, Paris	The ARRIGE association (https://arrige.org/aboutus.php) is a non-profit organization whose objectives are: - to promote a global governance of genome editing - to push forward the scientific, ethical, social, legal and political reflection in the field of genome editing, - to foster the development of genome editing technologies within a safe and ethical framework for individuals and for our societies, - the dissemination of reliable information regarding genome-editing technology for experts (all fields included), politicians and citizens throughout the world. ARRIGE is not a governmental body or a competent authority of any sort, and can only offer a forum of debate and, based on this, provide recommendations as other scientific bodies (e.g. scientific academies) do. ARRIGE is funded by its members through a membership fee. Members are individuals (scientists, philosophers, researchers on ethics, etc) with an interest in genome editing, although stakeholders (companies, public institutions and governmental institutions, etc.) may also join in the future. I'm a plain member of ARRIGE and this consists in the access to a blogging platform where scientists, philosophers, researchers on ethics, exchange information on genome editing. Impact on annual earnings: 0%

	12/2018 - 12/2022	-Name: The European Cooperation in Science and Technology (COST)	Participant to the Cost action PlantEd (full title: Genome editing in plants - a technology with transformative potential). This COST Action will bring together expertise from a range of disciplines to evaluate plant genome editing techniques and their resulting products from various perspectives. The findings will serve to design a roadmap for directing and facilitating applications of genome editing in plant research and breeding, which in turn will help setting R&D priorities and stimulating further cross-national and cross-disciplinary collaborations. Impact on annual earnings: 0%
IX. Other relevant interest			NO INTEREST
X. Interests of close family members			NO INTEREST

I hereby declare that I have read both the **Guidance Document on Declarations of Interests and the Procedure for identifying and handling potential conflict of interests** and that the above Declaration of Interests is complete.

Date: 16/06/2019 **Signature:** **SIGNED**