

Wood Whelan Awardees 2009

The fellowships are listed in the following format:

Title and Duration of a Research Project

Recipient (Award in US\$)

Host supervisor

Crystallisation of a novel metalloproteinase and a myrosinase of *Euphorbia cotinifolia* and study of their 3-D structure by X-ray crystallography
4 months

Reetesh Kumar (2700) Molecular Biology Unit Institute of Medical Sciences Banaras Hindu University Varanasi 221005 India	Prof. Manuel Soriano Instituto de Quimica Universidad Nacional Autonoma de Mexico Circuito Exterior Ciudad Universitaria Mexico DF 04510 Mexico
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Role of phosphorylation on the regulation of Potexvirus infection
3 months

Maria Binaghi (1727) Lab. of Plant Virology and Agrobiotechnology Faculty of Natural and Exact Sciences Buenos Aires University Intendente Guiraldes st. 2160 Ciudad Universitaria, C1428EGA Buenos Aires Argentina	Dr. Jeanmarie Verchot-Lubicz Department of Entomology and Plant Pathology Div. of Agricultur. Sciences & Natur Resources Oklahoma State University 127/110 Noble Research Center Stillwater, Oklahoma, 74078-3033 USA
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Exosome-mediated interaction of hepatocytes and stellate cells
3 months

Javier Conde Vancells (3000) Metabolomics Unit CIC bioGUNE Parque Tecnologico de Bizkaia, Edificio 801 A 48160 Derio, Bizkaia Spain	Prof. Anna Mae Diehl Division of Gastroenterology Duke University Hospital South, Room 03107 Trent Drive, DUMC 3913 Durham, NC, 27710 USA
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Crystallization and structural analysis of a high affinity phosphate transporter (PiPT) from *Piriformopora indica*
3 months

Hemant Kumar (3000) School of Life Sciences Lab. NÂ° 409 Jawaharlal Nehru University New Delhi 110067 India	Prof. Robert Stroud Department of Biochemistry and Biophysics UCSF School of Medicine 600 16th street, MC 240 Genentech Hall Room S412C San Francisco, CA, 94158-2517 USA
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Molecular characterization of the entomopathogenic fungi *Isaria spp* from insect hosts in Argentina
3 months

Celeste Paola D'Â€Alessandro (2821)	Dr. Daniel Sosa-Gomez EMBRAPA
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Comparative analysis of single nucleotide polymorphism (SNP) using microarray technology to identify the genomic polymorphism in patients affected by oesophageal cancer
3 months

Marco Matejcic (3000) Prof. Christopher Mathew
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E-mail: marco.005@libero.it

Pituitary adenylate cyclase-activating polypeptide (PACAP) : its function as a modulator of both the innate and adaptive immune systems in lower vertebrates
3 months

Juana Maria Lugo Gonzalez (3000) Prof. Rosa P. Gomariz
Cent. for Genetic Engineering & Departamento de Biologia Celular
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Animal Biotechnology Division Universidad Complutense de
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Assessment of the role of *bgp1* and *bgp2*, two gene loci of *Bordetella pertussis* encoding the biosynthesis of a potential N-acetyl-galactosaminuronic acid polysaccharide, in biofilm formation *in vitro* and *in vivo*
4 months

Diego Omar Serra (3000) Prof. Rajendar Deora
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Molecular assessment of the genetic diversity of four leafy vegetables of outstanding importance as traditional food in Benin
2 months

Zouri Kifouli Adeoti (3000) Dr. Alain Rival
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Exploring novel interactions between membrane fusion-controlling proteins
2 months

Facundo Rodriguez (3000) Dr. Dirk Fasshauer
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Studies, in a mouse model, on the role of IMP3, a novel RNA binding protein, in glioma development
4 months

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Genome-wide RNAi screening to identify novel nuclear actin regulating proteins in *Drosophila melanogaster*
3 months

Joseph Dopie Bayor (3000) Dr. Stephanie Mohr
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RET (REarranged during Transfection)-phosphorlation and neurite out-growth assays with GDNF (glial-cell-line-derived neurotrophic factor) glycosylation mutants
2 months

Elisa Piccinini (2320) Dr. Pia Runeberg-Roos
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Study of the interaction of Sticholysins I an II with model membranes using Nuclear Magnetic Resonance Spectroscopy and Molecular Dynamic simulations
6 months

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The role of the chemokine CCL2 on migration and activation of microglial cells and leukocytes in the central nervous system
3 months

Javier Anibal Soria (3000) Prof. Sergio A. Lira
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