

Request for Applications: CyNexo Young Investigator Award

Purpose

The purpose of this award is to support a high impact pilot project that boosts the career of a young investigator in the field of chemical senses. The award allows an early-stage investigator to develop or test novel experimental approaches and obtain preliminary data in support of larger follow-up investigations. The winner will be announced at the [ECRO 2023 conference in Nijmegen, The Netherlands](#).

Successful proposals will clearly outline:

- Introduction to the topic of study
- Premise and hypothesis
- How the outcomes of the project advance research in the chemical senses
- Need for CyNexo equipment
- Future directions and planned grant applications

Funding

The award will consist of:

- 20k€ worth of equipment on a loan basis, including:
 - Max 2k€ of protocol support & customization
 - Max 2k€ of consumables
 - Max 2k€ packaging & shipping from CyNexo to recipient
- Support by CyNexo in getting the most out of the equipment provided
- 500€ Travel fellowship to attend ECRO 2023 in Nijmegen, The Netherlands

Project start date must be within 6 months of award. All equipment/materials/support will be available for a minimum of 3 months and a maximum of 6 months from the project start date.

Costs related to the insured shipping back to CyNexo of all loaned equipment will be borne by applicant and/or host institution.



We invite interested individuals to visit the CyNexo website at <https://ecro.cynexo.com/>, and contact CyNexo directly for details/pricing on existing, new and under development equipment. A sample of available equipment along with pricing is provided in the list below this RFA. Specific questions regarding CyNexo equipment can be addressed to cvia2023@cynexo.com.

Eligibility

Applicants must be late-stage doctoral students, post-docs, or early stage faculty members (<6 years since PhD at time of application), and be under contract of a host institution that provides basic support (space, salary, etc.).

Application Procedure

Applications must be submitted as a single .pdf file by email to: ecro2023@ecro.online

Application Deadline: 31st July 2023, 11:59 pm CET (GMT +1:00). Applications received after this date will not be reviewed.

Format Specifications

- Arial font and no smaller than 11 point
- Margins at least 0.5 inches / 13 mm (sides, top and bottom)
- Single-spaced lines
- Consecutively numbered pages

Content Specifications

- CV (1 page max)
- Proposal (2 pages max)
- Detailed budget (1 page max), including:
 - List of desired CyNexo equipment with duration for each item
 - List of other materials and their sources
- Timeline for the 6 month project period (1 page max), including proposed project start date.
- Letter of support from host institution stating:
 - 1) That the applicant will be employed and provided with appropriate space for the duration of the award;



- 2) That they will cover any costs which go above and beyond those covered by this award;
- 3) That the host institution will take full responsibility for the actions of the applicant and due care of equipment loaned to the applicant for the duration of the award period (1 page max).

Review Criteria

Proposals will be evaluated by a panel of 3 independent researchers in the field of chemical senses and 1 CyNexo representative, and will be judged on:

- Originality
- Potential impact
- Potential for future funding
- Technical feasibility

Following the Award

After the selected investigator has been announced, the parties will convene to finalize the project materials, timing, and to sign a loan agreement.

All results of the pilot project will remain the property of the investigator and/or host institution.

ECRO and CyNexo reserve the right to disclose the name of the winning investigator, the title of the pilot project and their host institution in their promotional materials.

CyNexo Young Investigator Award

Equipment pricing for budgeting purposes

Line #	Item	Type	CyNexo P/N	Description	Monthly Cost [€]	Example [months]
11	Sniff-0 4+1 AM	E	0FOL0010008A	Olfactometer 4 odour automatic valves metric tubes	€ 2.010	
12	Sniff-0 6+1 AMF	E	0FOL0010019A	Olfactometer 6 odour automatic valves metric tubes fMRI compatible	€ 2.910	4
13	Sniff-0 13+1 AMF	E	0FOL0010007A	Olfactometer 13 odour automatic valves metric tubes fMRI compatible	€ 4.360	
14	Sniff-0 odour jar	C	2P00000002A	Glass odour jar with seals and adapters for use in Sniff-0 device (consumable)	€ 90	4
15	Odour storage jar	C	0FOL0010021A	Standard glass jar with phenolic cap (consumable)	€ 6	4
16	Replacement tubes	C	n.a.	Additional PTFE tube per channel @ 8m each (consumable)	€ 50	
17	Nasal adapters	C	1PAD0000009A	Additional pairs of 2 PTFE adapters compatible with Spir-0 sensor (consumable)	€ 21	2
21	Compressor - Entry level	E	0FOL0000006A	Silent oil free 20L@3bar max 6bar 55dB(A) 25% duty cycle 11kg	€ 50	
22	Compressor - Mid range	E	0FOL0000002A	Silent oil free 22L@4bar max 7bar 60dB(A) 50% duty cycle 16kg	€ 90	
23	Compressor - High end	E	0FOL0000003A	Silent oil free 50L@5bar max 7bar 65dB(A) 50% duty cycle 28kg w wheels	€ 140	4
24	Compressor - Medical grade	E	0FOL0000004A	Silent oil free 50L@5bar max 7bar 65dB(A) 50% duty cycle 28kg w wheels	€ 200	
31	Spir-0	E	0FOL0050001B	Nasal Respiration Cycle Monitor (fMRI compatible)	€ 810	3
32	Replacement sensor	C	1OFS0000003A	Replacement fiber optic sensor for Spir-0 (8m long) (consumable)	€ 270	
41	Sniff-nano 8+1	E	0FOL0030002B	Sniff-nano 8+1 channel with capacitive LCD display	€ 920	
42	Sniff-nano 16+1	E	0FOL0030004A	Sniff-nano 16+1 channel with capacitive LCD display	€ 1.080	
51	Trigger Box Controller	E	0FRB0000001A	Main controller for Response Pads	€ 150	
52	ReB Pad - 2 button	E	0FRB0000004A	ReB Response Pad - 2 button digital	€ 80	
53	ReB Pad - 4 button	E	0FRB0000005A	ReB Response Pad - 4 button digital	€ 100	
54	ReB Force Pad - 1 button	E	0FRB0000002A	ReB Force Pad - 1 button force pad	€ 130	
55	ViStiSync	E	0FRB0000006A	ViStiSync Visual Stimulation Trigger Sensor	€ 70	
61	Protocol support	S	n.a.	Per man-hour	€ 100	4
62	Protocol customization	S	n.a.	Per man-hour	€ 100	
63	On site setup & training	S	n.a.	Max. 2 days including travel time within continental Europe	€ 3.000	1
71	Shipping	T	n.a.	Insured ground shipping within continental Europe from CyNexo to recipient	€ 1.000	1

Notes:

1. Consumable items and shipping are to be considered as one off charges for award budgetary purposes
2. Minimum loan duration for each item is 3 months.
3. All items not returned within 30 days of end of agreed loan period will be charged to institute at full replacement cost.
4. CyNexo will only cover the cost of one outgoing shipment. Additional shipments will be invoiced to host institution.

Equipment (E):	€ 14.630,00
Support & Customization (S):	€ 3.400,00
Consumables (C):	€ 426,00
Packaging & Shipping (T):	€ 1.000,00
Total:	€ 19.882,00