

## ANEXO B

### 1. Name

Sandra Loruhamá Castillo Hernández

Education – degree, discipline, institution, year

| Degree     | Discipline                                      | Institution                               | Year | Country |
|------------|-------------------------------------------------|-------------------------------------------|------|---------|
| DSci       | Microbiology                                    | Universidad Autónoma de Nuevo León (UANL) | 2014 | Mexico  |
| Master Sci | Microbiology                                    | Universidad Autónoma de Nuevo León        | 2008 | México  |
| BSci       | Chemist -<br>Bacteriologist -<br>Parasitologist | Universidad Autónoma de Nuevo León        | 1995 | México  |
|            |                                                 |                                           |      |         |

Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), date (ex. 1990-1995), full time or part time

| Institution | Title               | Date          | Responsibility                                                  |
|-------------|---------------------|---------------|-----------------------------------------------------------------|
| UANL        | Full Time Professor | 2015- to date | Classes,<br>Developing of<br>Research<br>Projects.              |
| UANL        | Professor assistant | 2011 – 2014   | Classes:<br>Microbial<br>Physiology.<br>Undergraduate<br>level. |
| UANL        | Researcher          | 2005-2010     | Research<br>Developing                                          |
|             |                     |               |                                                                 |

Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time

| Company or entity | Title | Brief description of position | Date | Responsibility |
|-------------------|-------|-------------------------------|------|----------------|
| N/A               |       |                               |      |                |

Certifications or professional registrations

| Certifications/Professional registrations | Institution | Date | Status |
|-------------------------------------------|-------------|------|--------|
| N/A                                       | N/A         | N/A  | N/A    |

Current membership in professional organizations

| Professional Organization | Title | Date | Status |
|---------------------------|-------|------|--------|
|                           |       |      |        |
|                           |       |      |        |

#### Honors and awards

| Title                                    | Institution | Date                       | Status    |
|------------------------------------------|-------------|----------------------------|-----------|
| Candidate National System of Researchers | Conacyt     | January 2015-December 2017 | In Course |
|                                          |             |                            |           |
|                                          |             |                            |           |
|                                          |             |                            |           |
|                                          |             |                            |           |

#### Service activities (within and outside of the institution)

| Activity                 | Institution  | Date         | Status    |
|--------------------------|--------------|--------------|-----------|
| Assessment for chemistry | Own Bussines | January-2015 | In course |
|                          |              |              |           |
|                          |              |              |           |
|                          |              |              |           |
|                          |              |              |           |
|                          |              |              |           |
|                          |              |              |           |

Briefly list the most important publications and presentations from the past five years—title, co-authors, if any, place of publication or presentation, and date of publication or presentation

|                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TITLE 1</b> Sandra Castillo, Norma Heredia, Juan F. Contreras and Santos Garcia. 2011. Extracts of Edible and Medicinal Plants in Inhibition of Growth, Adherence, and Cytotoxin Production of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> . Journal of food Science. doi: 10.1111/j.1750-3841.2011.02229.x, Vol. 76, Nr. 6. M421, M426. ISSN: 0022-1147, on line 1750-3841.           |
| <b>TITLE 2</b> Sandra Castillo, Norma Heredia, Elva Aréchiga and Santos García. 2014. Citrus extracts as inhibitors of quorum sensing, biofilm formation and motility of <i>Campylobacter jejuni</i> . 28 (2): 106-122 Food Biotechnology. ISSN: 0890-5436 (print version). ISSN: 1532-4249 (electronic version). doi doi 10.1080/08905436.2014.895947.                                                 |
| <b>TITLE 3</b> E. Sánchez, J. Dávila-Aviña, S. L. Castillo, N. Heredia, R. Vázquez-Alvarado and S. García 2014. Antibacterial and antioxidant activities in extracts of fully grown cladodes of eight cultivars of cactus pear. Vol 79 Issue 4, Journal of Food Science 79:M659-M664. DOI: 10.1111/1750-3841.12416 Journal of food Science. ISSN: 0022-1147, on line 1750-3841.                         |
| <b>TITLE 4</b> Sandra Castillo, Norma Heredia and Santos Garcia. 2015. 2(5H)-Furanone, epigallocatechin gallate and a citric-based disinfectant disturb 5 quorum-sensing activity and reduce motility and biofilm formation of 6 <i>Campylobacter jejuni</i> . Folia Microbiologica. 60(1): 89-95. DOI 10.1007/s12223-014-0344-0. ISSN: 0015-5632 (print version) ISSN: 1874-9356 (electronic version). |
| <b>TITLE 5</b> Sánchez, E., Morales, C. R., Castillo, S., Leos-rivas, C., Misael, D., & Martínez, O. (2016). Antibacterial and Antibiofilm Activity of Methanolic Plant Extracts against Nosocomial Microorganisms. Hindawi pub.                                                                                                                                                                        |
| <b>TITLE 6</b> Sánchez-García, E., Loruhamá, S., & García-Palencia, P. (2016). Eduardo Sánchez-García, Sandra Loruhamá Castillo-Hernández, Patricia García-Palencia, 77–100.                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                         |

Briefly list the most recent professional development activities

| Professional Activity           | Date              |
|---------------------------------|-------------------|
| 1 Assessment on quality systems | July 2014 to date |
| 2                               |                   |
| 3                               |                   |

|         |  |
|---------|--|
| 4       |  |
| 5       |  |
| 6       |  |
| 7       |  |
| 8       |  |
| 9       |  |
| 10      |  |
| ETC.... |  |