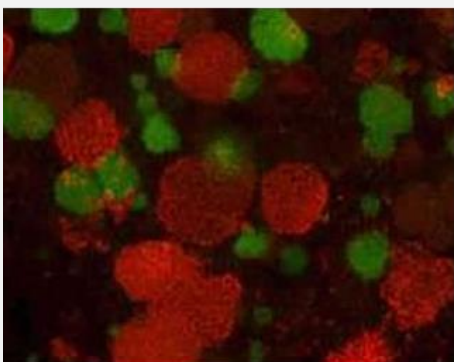
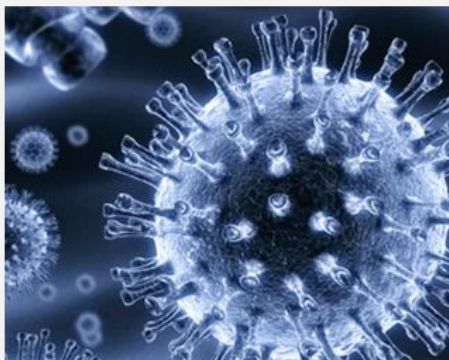
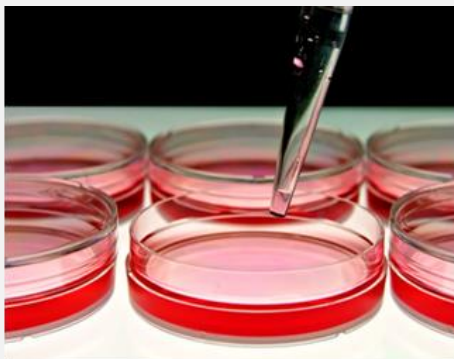


# SSM Annual Report 2018

INFO 66



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The Swiss Society for Microbiology (SSM) is a professional association with more than 550 members mainly from Switzerland but also from other countries, all working in the field of human and veterinary medical microbiology, prokaryotic biology, environmental microbiology, virology and mycology.

[www.swissmicrobiology.ch](http://www.swissmicrobiology.ch)

*Gilbert Greub, Prof. Dr. / President SGM SSM 2016-2018 / Head of Laboratory / Director of the microbiology Institute of the University of Lausanne, Bugnon 21, 1011 Lausanne, Switzerland gilbert.greub@chuv.ch*

*Nathalie Mermoud / General Secretary SGM SSM / (T) +41 (0) 78 842 18 07 secretary@swissmicrobiology.ch*

## SSM COMMITTEE

### **Prof. Gilbert GREUB - MD-PhD**

Directeur de l'institut de Microbiologie et Chef de Service

Département des laboratoires  
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e-mail: [gilbert.greub@chuv.ch](mailto:gilbert.greub@chuv.ch)

### **President 2016-2018**



### **Prof. Pilar Junier**

University of Neuchâtel

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Tel: 032 718 22 44

e-mail: [pilar.junier@unine.ch](mailto:pilar.junier@unine.ch)

### **Future President 2019-2021**



### **Prof. Christof Holliger**

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### **Treasurer**



### **Nathalie Mermoud**

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e-mail: [secretary@swissmicrobiology.ch](mailto:secretary@swissmicrobiology.ch)

### **General Secretary**



### **Prof. Patrick Viollier**

Department of Microbiology and Molecular Medicine

University of Geneva Medical School

Room 7136B – 7th floor

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Tel. 022 379 41 75 Fax 022 379 57 02

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### **Prokaryotic Biology Section**



### **Prof. Jacques Schrenzel**

Laboratoire de Bactériologie

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CH-1211 GENEVE 14

e-mail: [Jacques.Schrenzel@hcuge.ch](mailto:Jacques.Schrenzel@hcuge.ch)

### **Clinical Microbiology Section**



**Prof. Dr. Volker Thiel**

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**Virology Section**



**Environmental  
Microbiology Section**



**Mycology Section**



**Lay Communication  
Section**



## WORD OF THE PRESIDENT



Dear Members,

2017 was an important year for our society, since it represented the 75<sup>th</sup> year of the SSM founded on the 20<sup>th</sup> of March 1942 by A. Grumbach (Zürich), D. Högger (Basel), R. Regamey (Berne), P. Schneither (Lausanne) and Steinmann (Geneva).

During all its development, the society progressively evolved to have the current six sections, which are quite active and I want in these lines to warmly thank all section heads and all members of these sections who contributed their success. I want specially to underline the importance of our sixth section, Lay Communication, which started its activity during my mandate as president. Indeed, there is a need to promote lay communication and to provide tools and education to researchers and diagnostic microbiologists for better communication with the population.

One specific concern of such per section organization is the risk to split our society and in this prospect, it is particularly important to continue to have a large participation of all sections during our SSM annual meeting. This concern is not new and was already an issue discussed by A. Fiechter in 1985 in the INFO n°11 : « *Malgré ou précisément grâce aux différents éléments de notre société, il s'agit de maintenir l'unité à tout prix. Si nous voulons garantir notre identité il faudra développer les activités propres à chaque discipline dans un esprit multidisciplinaire* ».

SSM members are major actors of our society and by their research work, applied or fundamental, they contribute to « answer big questions on the small bugs we love » (Greub G, Holliger C, Sanglard D, Schrenzel J, Thiel V, Viollier P. The Swiss Society of Microbiology: Small Bugs, Big Questions and Cool Answers. *Chimia* (Aarau). 2016 Dec 21;70(12):874-877.) <http://www.ingentaconnect.com/content/scs/chimia/2016/00000070/00000012/art00011;jsessionid=4j72fmnco5nua.x-ic-live-02>.

Thus, as president of the SSM, I am particularly interested by all productivity of our members that illuminates our field and increase visibility of our society abroad. The SSM encouragement awards are a simple way to recognize the outstanding achievements of our members and to thank them for their productivity. This award started in 1976 and given to a scientist each year and will again be given during the next SSM meeting in Lausanne on the 30<sup>th</sup> of August.

We hope that most of you will be present at the SSM meeting to share ideas and friendship and that you will also participate to our general assembly that will take place on the 28<sup>th</sup> of August at 5 PM in the César Roux Auditoire.

The Gala dinner that will take place at the Olympic Museum on the 29<sup>th</sup> of August is another major event of the year, where you are all welcome.

Have a nice and sunny summer and see you in Lausanne,

With my best regards,

Gilbert GREUB

President SSM 2016 to 2018

# NEW CANDIDATE FOR THE COMMITTEE: Prof. Hubert HILBI to replace Prof. Patrick VIOLLIER as head of the Prokaryotic Biology Section

## CURRICULUM VITAE

**NAME & ADDRESS** Prof. Dr. Hubert Hilbi  
University of Zürich  
Institute of Medical Microbiology  
Gloriastrasse 30  
8006 Zürich

Tel: +41 (0)44 634 2650  
Fax: +41 (0)44 634 4906  
E-mail: hilbi@imm.uzh.ch  
ORCID: 0000-0002-5462-9301



**PLACE & DATE OF BIRTH** Zug (Switzerland); May 30, 1965

**NATIONALITY** Swiss

**MARITAL STATUS** Married to Dr. Xiaodan Li, 2 sons (\*1999, \*2001)

## DEGREES

2017 Associate Professor *ad personam*, University of Zürich, Switzerland  
2015 Professor (Titularprofessor), University of Zürich, Switzerland  
2010 Professor (W2), Ludwig-Maximilians University Munich, Germany  
2008 Lecturer (Privatdozent), Habilitation in Microbiology, Dept. of Biology, ETH Zürich  
2002 Assistant Professor, funded by the Swiss National Science Foundation (SNF)  
1994 Ph.D. in Natural Sciences (Microbiology), ETH Zürich  
1990 Diploma in Natural Sciences (Microbiology, Biochemistry, Organic Chemistry, Immunology, Biotechnology), ETH Zürich  
1984 Matura (Type B), Kantonsschule Zug

## EDUCATION AND SCIENTIFIC CAREER

1/2014-present Head of Scientific Division, University of Zürich, Switzerland  
5/2010-12/2013 Professor, Max von Pettenkofer Institute, LMU Munich, Germany  
5/2009-4/2010 Group leader, Institute of Molecular Life Sciences, University of Zürich  
8/2002-4/2009 Group leader, SNF Assistant Professor, Institute of Microbiology, ETH Zürich  
2/2000-7/2002 Postdoctoral scientist with Prof. H.A. Shuman, Dept. of Microbiology, Columbia University, New York, USA  
1/1996-1/2000 Postdoctoral scientist with Prof. A. Zychlinsky, Dept. of Molecular Pathogenesis, Skirball Institute of Biomolecular Medicine, New York University Medical Center, New York, USA  
10/1994-12/1995 Postdoctoral scientist with Prof. P. Dimroth, Institute of Microbiology, ETH Zürich, Switzerland  
11/1990-6/1994 Ph.D. thesis with Prof. P. Dimroth, Institute of Microbiology, ETH Zürich, Switzerland  
10/1985-6/1990 Studies in Natural Sciences (Biochemistry, Microbiology, Immunology, Organic Chemistry, Biotechnology), ETH Zürich, Switzerland  
Diploma thesis with Prof. T. Leisinger, Institute of Microbiology  
1978-1984 Kantonsschule Zug, Switzerland

## HONORS AND AWARDS

2018 American Academy of Microbiology Fellowship  
2002-2008 SNF Professorship

## Academic interests – Hubert Hilbi

Throughout his career as a microbiologist, Hubert Hilbi has been interested in how bacteria survive in „extreme“ environments. During his Ph.D. thesis, he analyzed the bioenergetics of a strictly anaerobic environmental bacterium, *Malonomonas rubra*. During his postdoc studies and as a research group leader, he explored how intracellular pathogens overcome bactericidal host cells, i.e. how *Shigella flexneri* survives in macrophages, how *Legionella* species form a replicative compartment in amoebae and mammalian cells, and how *Mycobacterium marinum* establishes an intracellular niche in phagocytes.

Current research in the lab of Hubert Hilbi focuses on the topics „Virulence and communication of *Legionella*“. Recent projects comprise (i) the characterization of novel translocated *Legionella* effectors that anchor to host phosphoinositide lipids, activate small GTPases, inhibit the retromer complex or degrade the chelator phytate, (ii) the role of host factors implicated in retrograde trafficking (retromer, OCRL1) or ER dynamics (atlastin) during intracellular replication, (iii) the purification and proteomics of intact “*Legionella*-containing vacuoles” from infected phagocytes, and (iv) the analysis of the *Legionella* quorum sensing (Lqs) system and the cognate  $\alpha$ -hydroxyketone signaling molecule LAI-1. Moreover, the group of Hubert Hilbi is also engaged in research on *Mycobacterium marinum* and the interactions of this pathogen with eukaryotic host cells.

Hubert Hilbi has published 118 scientific papers, and he holds a US patent. His publications have been cited more than 5500 times with an *h*-index of 42. Hubert Hilbi also serves as an editor and reviewer for various books, journals and funding agencies. Teaching activities of Hubert Hilbi include lectures and courses for biologists, as well as for medical and dental students. He supervised a number of master students and 22 Ph.D. students, and he is also engaged in training future research group leaders. Finally, Hubert Hilbi has delivered more than 150 talks at conferences and academic institutions.

# SSM ANNUAL MEETING

## Invitation to the General Assembly

All SSM members are cordially invited to attend the General Assembly of the Swiss Society for Microbiology (SSM) that will take place

**On Tuesday 28<sup>th</sup> of August 2018 from 5 PM till 6 PM,**

**At the University Hospital of Lausanne, CHUV –César Roux Auditoire**

Agenda:

1. Review of the agenda
2. Approval of Annual Assembly Minutes
3. Account 2017 approval and report by auditors
4. Discussion of 2018 budget
5. Approval of 2019 budget
6. Approval of 2018 commission reports:
  - Prokaryotic Biology
  - Clinical Microbiology
  - Virology
  - Mycology
  - Environmental Microbiology
  - Lay Communication
7. New member of committee: election of Hubert Hilbi
8. New members and New Honorary member
9. Website information: Update contact info
10. SSM modified Status to be validated
11. Travel Grants
12. SSM Annual Meeting 2019, Zürich
13. Other / varia / news


\* IMPORTANT: Kindly send your inquiries by mail to the president (gilbert.greub@chuv.ch) before the 6<sup>th</sup> of August 2018.

Gilbert Greub

# Income statement 2017

		2017	2016
<b>PRODUITS/ RECETTES (I)</b>		<b>87,815.62</b>	<b>76,035.32</b>
Cotisation	Cotisation à recevoir	39,932.01	49,627.88
Soutien	Soutien SCNAT	14,000.00	4,609.00
Autres	Soutien SCNAT pour satellite Symposium 2016	-	14,000.00
Sponsoring	Sponsoring	3,000.00	-
Produit	Produits d'Intérêts	57.36	195.64
Bénéfice	Bénéfice Congrès Annuel	30,826.25	7,602.80
<b>CHARGES/ DEPENSES (II)</b>		<b>88,459.17</b>	<b>60,696.85</b>
<b>CHARGES D'EXPLOITATION</b>		<b>-</b>	<b>-</b>
Organis	Organisation du Congrès Annuel	-	-
<b>CHARGES LIEES AUX EMPLOYES</b>		<b>38,219.41</b>	<b>-</b>
Salaires	Salaire net	28,595.46	-
Charges	Charges sociales (AVS, LPP ...)	9,623.95	-
<b>AUTRES CHARGES D'EXPLOITATION ET FINANCIERES</b>		<b>50,239.76</b>	<b>60,696.85</b>
Cours	Cours, Atelier, Symposium	8,802.00	1,468.50
Déficit	Déficit Congrès Annuel	-	295.30
SSM/SS	SSM Student Event	5,295.15	-
Réunion	Réunion Hotel Beaulac Neuchatel	-	4,688.70
Voyage	Voyages, frais de commission	-	-
Frais de	Frais du comité SSM	4,191.90	480.00
Contrib	Contribution de soutien et prix SSM	8,500.00	8,240.65
Cotisation	Cotisations à payer	7,794.20	8,031.16
Matériel	Matériel de bureau	85.80	666.20
Frais de	Frais de port	68.65	597.00
Frais de	Frais de secrétariat et de comptabilité	-	8,000.00
Frais de	Frais de secrétariat CHUV	-	14,064.60
Frais P	Frais Postfinance et Bancaires	302.90	495.35
Assuranc	Assurances	-	342.70
Subvent	Subventions de voyage aux doctorants	8,500.00	-
Info/SS	Info SSM	-	-
Dépens	Dépenses Divers	-	2,428.70
Charge	Charges Extraordinaire	-	6,288.99
Soutien	Soutien SCNAT 2015 Phyllosphere Meeting	-	4,609.00
Dons et	Dons et cadeaux	1,444.60	-
Garanti	Garantie de déficit SSM	-	-
Honora	Honoraires pour fiduciaire	500.00	-
Honora	Honoraires pour services administratifs	1,285.76	-
Charge	Charges pour organe de révision	500.00	-
Charge	Charges de licence/Update- Site Web	1,165.20	-
Matériel	Matériels informatiques	1,803.60	-
Contrib	Contribution SCNAT	-	-
<b>A - Résultat d'exploitation (I-II)</b>		<b>(643.55)</b>	<b>15,338.47</b>
<b>C - Résultat exceptionnel (V-VI)</b>		<b>4,000.00</b>	<b>-</b>
Produit	Produits exceptionnels (V)	4,000.00	-
Charge	Charges exceptionnelles (VI)	-	-
8900	Impôts	-	-
<b>TOTAL DES PRODUITS</b>		<b>91,815.62</b>	<b>76,035.32</b>
<b>TOTAL DES CHARGES</b>		<b>88,459.17</b>	<b>60,696.85</b>
<b>PROFIT</b>		<b>3,356.45</b>	<b>15,338.47</b>
<b>PERTE</b>		<b>-</b>	<b>-</b>

## Balance sheet at 31.12.2017

		SSM Bilan	
Au 31.12.2017		Fr.	Fr.
Actif		31.12.2017	31.12.2016
<b>Actifs circulants</b>		<b>272,225.15</b>	<b>329,512.42</b>
- Caisse		13.25	13.25
- Compte Postal		272,211.90	63,346.25
- Banque (Crédit Suisse) Courant		-	195,237.44
- Banque (Crédit Suisse) Epargne		-	70,915.48
<b>Actifs de régularisation</b>		<b>53,672.90</b>	<b>-</b>
- Charges payées d'avance		5,400.00	
- Produits à recevoir		48,272.90	
<b>Total Actif</b>		<b>325,898.05</b>	<b>329,512.42</b>
<b>Passif</b>			
<b>Dettes</b>		<b>14,609.20</b>	<b>22,853.80</b>
- Créanciers		-	8,244.60
- Provision Dieter Haas		14,609.20	14,609.20
<b>Passifs de régularisation</b>		<b>15,273.78</b>	<b>14,000.00</b>
- Charges à payer		14,973.78	14,000.00
- Produits encaissés d'avance		300.00	
<b>Capital</b>		<b>296,015.07</b>	<b>292,658.62</b>
- Capital		292,658.62	277,320.15
- Bénéfice / Déficit de l'exercice		3,356.45	15,338.47
<b>Total Passif</b>		<b>325,898.05</b>	<b>329,512.42</b>

# Report of the auditors



SGM · SSM

SWISS SOCIETY FOR MICROBIOLOGY  
SOCIÉTÉ SUISSE DE MICROBIOLOGIE  
SOCIETÀ SVIZZERA DI MICROBIOLOGIA  
SCHWEIZERISCHE GESELLSCHAFT FÜR MIKROBIOLOGIE

## Rapport des réviseurs des comptes relatifs aux comptes annuels de la Société Suisse de Microbiologie (SSM) à l'attention de l'assemblée générale de la SSM

Mesdames, Messieurs,

En notre qualité de réviseurs des comptes, nous avons contrôlé la comptabilité et les comptes annuels constitués des comptes de bilan et de pertes et profits de la SSM pour l'exercice se terminant au 31 décembre 2017.

La tenue de la comptabilité incombe au comité alors que notre fonction est de contrôler et d'évaluer cette dernière.

Compte tenu des examens effectués par sondages, nous confirmons que

- les soldes des comptes du bilan sont justifiés,
- les justificatifs correspondent à la comptabilité,
- la comptabilité est tenue avec soin et précision.

Le rapport des révisions établi par la fiduciaire Fidurev S.A à Assens, daté du 18 mai 2018, ci-annexé, conclut que les comptes annuels sont conformes aux dispositions du droit suisse et des statuts.

Les comptes annuels clôturent avec un bénéfice de **3'356.45 CHF**. Cela porte les actifs de la société de **292'658.62** (2016) à **296'015.07 CHF** (2017).

En conséquence, nous recommandons à l'assemblée d'accepter les comptes tels que présentés et d'en donner décharge au comité.

Dr. Jakob Zopfi Membre SSM

Dr. Robin Tecon Membre SSM

Lausanne, 15 Juin 2018

*Pièces jointes :*

- *Rapport des révisions établi par la fiduciaire Fidurev*
- *Bilan avec comparaison de l'année précédente*
- *Compte de résultat par rapport à l'année précédente*

Nathalie Mermoud / General Secretary SGM SSM / (T) +41 (0) 78 842 18 07 secretary@swissmicrobiology.ch

Société Suisse de Microbiologie  
Route d'Yverdon 3  
1033 Cheseaux

Assens, le 18 mai 2018

**Rapport de contrôle de la gestion des comptes de la Société Suisse de Microbiologie**

Mesdames, Messieurs,

En notre qualité de vérificateurs des comptes de votre association et conformément au mandat que vous nous avez confié, ainsi qu'aux dispositions légales, nous avons vérifié les comptes annuels arrêtés au 31 décembre 2017.

Suite à nos contrôles, nous avons constaté les faits suivants :

1. Le bilan et le compte de pertes et profits établis concordent avec la comptabilité.
2. Les comptes pour l'année 2017 sont tenus de manière exacte.
3. L'état de la fortune sociale et des résultats répond aux règles établies par la loi et les statuts pour les évaluations en matière de bilan.
4. Les liquidités sont placées avec toute la prudence que la situation économique actuelle exige.

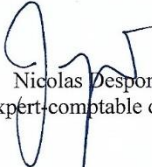
Selon notre appréciation, nous vous proposons d'approuver les comptes qui vous sont soumis.

Ceux-ci font ressortir un bénéfice de **CHF 3'356.45**, que nous vous proposons de virer au compte de profits et pertes.

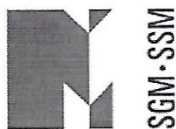
Dès lors, nous vous recommandons également d'approuver cette proposition et de donner décharge au Trésorier pour la comptabilité 2017.

Fidurev S.A.

  
Jean-Luc Dondénaz  
Agent Fiduciaire Breveté

  
Nicolas Despont  
Expert-comptable diplômé

Annexe : compte de profits et pertes 2017



## SSM Bilan

Au 31.12.2017

	Fr.	Fr.	Fr.
Actif	31.12.2017	31.12.2016	Δ
<b>Actifs circulants</b>	<b>272'225.15</b>	<b>329'512.42</b>	<b>(57'287.27)</b>
- Caisse	13.25	13.25	-
- Compte Postal	272'211.90	63'346.25	208'865.65
- Banque (Crédit Suisse) Courant	-	195'237.44	(195'237.44)
- Banque (Crédit Suisse) Epargne	-	70'915.48	(70'915.48)
<b>Actifs de régularisation</b>	<b>53'672.90</b>	<b>-</b>	<b>53'672.90</b>
- Charges payées d'avance	5'400.00	-	5'400.00
- Produits à recevoir	48'272.90	-	48'272.90
<b>Total Actif</b>	<b>325'898.05</b>	<b>329'512.42</b>	<b>(3'614.37)</b>
<b>Passif</b>			
<b>Dettes</b>	<b>14'609.20</b>	<b>22'853.80</b>	<b>(8'244.60)</b>
- Créanciers	-	8'244.60	(8'244.60)
- Provision Dieter Haas	14'609.20	14'609.20	-
<b>Passifs de régularisation</b>	<b>15'273.78</b>	<b>14'000.00</b>	<b>1'273.78</b>
- Charges à payer	14'973.78	14'000.00	973.78
- Produits encaissés d'avance	300.00	-	300.00
<b>Capital</b>	<b>296'015.07</b>	<b>292'658.62</b>	<b>3'356.45</b>
- Capital	292'658.62	277'320.15	15'338.47
- Bénéfice / Déficit de l'exercice	3'356.45	15'338.47	(11'982.02)
<b>Total Passif</b>	<b>325'898.05</b>	<b>329'512.42</b>	<b>(3'614.37)</b>

Le/La Trésorier(e) :

Date

15.06.2018

Le/La Président(e) :

**CHUV**  
 Prof. Gilbert Greub, médecin chef  
 Directeur et Chef de service  
 Institut de Microbiologie  
 Rue du Bugnon 48  
 1011 Lausanne - Suisse

Date

01 JUIN 2018



## SSM Compte de résultats 2017

	2017	2016	Δ	BUDGET 2017
<b>PRODUITS/ RECETTES (I)</b>	<b>87'815.62</b>	<b>76'035.32</b>	<b>11'780.30</b>	<b>63'500.00</b>
Cotisation à recevoir	39'932.01	49'627.88	(9'695.87)	48'000.00
Soutien SCNAT	14'000.00	4'609.00	9'391.00	14'000.00
Soutien SCNAT pour satellite Symposium 2016	-	14'000.00	(14'000.00)	-
Sponsoring	3'000.00	-	3'000.00	-
Produits d'Intérêts	57.36	195.64	(138.28)	1'000.00
Bénéfice Congrès Annuel	30'626.25	7'602.80	23'223.45	500.00
<b>CHARGES/ DEPENSES (II)</b>	<b>88'459.17</b>	<b>60'696.85</b>	<b>27'762.32</b>	<b>92'950.00</b>
<b>CHARGES D'EXPLOITATION</b>	-	-	-	-
Organisation du Congrès Annuel	-	-	-	-
<b>CHARGES LIEES AUX EMPLOYES</b>	<b>36'219.41</b>	-	<b>36'219.41</b>	<b>27'000.00</b>
Salaires net	28'595.48	-	28'595.48	20'300.00
Charges sociales (AVS, LPP ...)	9'623.95	-	9'623.95	6'700.00
<b>AUTRES CHARGES D'EXPLOITATION ET FINANCIERES</b>	<b>50'239.76</b>	<b>60'696.85</b>	<b>(10'457.09)</b>	<b>65'950.00</b>
Cours, Atelier, Symposium	8'802.00	1'468.60	7'333.50	3'000.00
Déficit Congrès Annuel	-	295.30	(295.30)	6'000.00
SSM Student Event	5'295.15	-	5'295.15	-
Réunion Hotel Beaulac Neuchâtel	-	4'688.70	(4'688.70)	-
Voyages, frais de commission	-	-	-	4'000.00
Frais du comité SSM	4'191.90	480.00	3'711.90	5'000.00
Contribution de soutien et prix SSM	8'500.00	8'240.65	259.35	5'000.00
Cotisations à payer	7'794.20	8'031.16	(236.96)	9'500.00
Matériel de bureau	85.80	666.20	(580.40)	3'000.00
Frais de port	68.65	597.00	(528.35)	1'800.00
Frais de secrétariat et de comptabilité	-	8'000.00	(8'000.00)	-
Frais de secrétariat CHUV	-	14'064.60	(14'064.60)	-
Frais Postfinance et Bancaires	302.90	495.35	(192.45)	300.00
Assurances	-	342.70	(342.70)	350.00
Subventions de voyage aux doctorants	8'500.00	-	8'500.00	6'000.00
Info SSM	-	-	-	2'500.00
Dépenses Diverses	-	2'428.70	(2'428.70)	1'500.00
Charges Extraordinaire	-	6'288.99	(6'288.99)	-
Soutien SCNAT 2015 Phyllosphere Meeting	-	4'609.00	(4'609.00)	-
Dons et cadeaux	1'444.60	-	1'444.60	-
Garantie de déficit SSM	-	-	-	4'000.00
Honoraires pour fiduciaire	500.00	-	500.00	-
Honoraires pour services administratifs	1'285.76	-	1'285.76	-
Charges pour organe de révision	500.00	-	500.00	-
Charges de licence/Update- Site Web	1'165.20	-	1'165.20	-
Matériels informatiques	1'803.60	-	1'803.60	-
Contribution SCNAT	-	-	-	14'000.00
<b>A - Résultat d'exploitation (I-II)</b>	<b>(643.55)</b>	<b>15'338.47</b>	<b>(15'982.02)</b>	<b>(23'450.00)</b>
<b>C - Résultat exceptionnel (V-VI)</b>	<b>4'000.00</b>	-	<b>4'000.00</b>	-
Produits exceptionnels (V)	4'000.00	-	4'000.00	-
Charges exceptionnelles (VI)	-	-	-	-
Impôts	-	-	-	-
<b>TOTAL DES PRODUITS</b>	<b>91'815.62</b>	<b>76'035.32</b>	<b>15'780.30</b>	<b>63'500.00</b>
<b>TOTAL DES CHARGES</b>	<b>88'459.17</b>	<b>60'696.85</b>	<b>27'762.32</b>	<b>92'950.00</b>
<b>PROFIT</b>	<b>3'356.46</b>	<b>15'338.47</b>	-	-
<b>PERTE</b>	-	-	<b>(11'982.02)</b>	<b>(28'450.00)</b>

Le/La Trésorier(e) :

Date

15.06.2018

Le/La Président(e) :

**CHUV**  
 Prof. Gilbert Greub, médecin chef  
 Directeur et Chef de service  
 Institut de Microbiologie  
 Rue du Bugnon 48  
 1011 Le Noisier, Suisse

Date

01 JUIN 2018

## 2017 Budget

<b>ERTRAG</b>		
Mitgliederbeiträge		48,000.00
Unterstützungsbeitrag SCNAT		14,000.00
Zinserträge		1,000.00
Überschüsse Abrechnung Jahresversammlungen		500.00
<b>Total Ertrag</b>		<b>63,500.00</b>
<b>AUFWAND</b>		
Kurse, Workshops und Symposien		3,000.00
Kosten Vorstand und Jahresversammlungen		6,000.00
Reisespesen Delegation und Kommissionen		4,000.00
Spesen Vorstand und Sitzungen		5,000.00
SGM Award		5,000.00
Mitgliedschaften		9,500.00
EDV, Büromaterial und Kopien		3,000.00
Porti		1,800.00
Sekretariatskosten		27,000.00
Post- und Bankspesen		300
Versicherungen		350
Reisebeiträge an Doktoranden		6,000.00
Defizitgarantien SGM		4,000.00
Info SGM		2,500.00
Diverse Ausgaben		1,500.00
Unterstützungsbeitrag SCNAT		14,000.00
<b>Total Aufwand</b>		<b>92,950.00</b>
<b>JAHRESGEWINN</b>		<b>---</b>
<b>JAHRESVERLUST</b>		<b>29,450.00</b>

## 2018 Budget

<b>ERTRAG</b>		
Mitgliederbeiträge		48,000.00
Unterstützungsbeitrag SCNAT		14,000.00
Zinserträge		500.00
Überschüsse Abrechnung Jahresversammlungen		0.00
<b>Total Ertrag</b>		<b>62,500.00</b>
<b>AUFWAND</b>		
Kurse, Workshops und Symposien		3,000.00
Kosten Vorstand und Jahresversammlungen		6,000.00
Reisespesen Delegation und Kommissionen		3,000.00
Spesen Vorstand und Sitzungen		4,000.00
SGM Award		5,000.00
Mitgliedschaften		8,000.00
EDV, Büromaterial und Kopien		3,000.00
Porti		500.00
Sekretariatskosten		35,000.00
Post- und Bankspesen		300
Reisebeiträge an Doktoranden		6,000.00
Defizitgarantien SGM		4,000.00
Diverse Ausgaben		1,500.00
Unterstützungsbeitrag SCNAT		14,000.00
<b>Total Aufwand</b>		<b>93,300.00</b>
<b>JAHRESGEWINN</b>		<b>---</b>
<b>JAHRESVERLUST</b>		<b>30,800.00</b>

## 2019 Budget

<b>PRODUITS/ RECETTES</b>	<b>INCOME</b>	<b>CHF</b>
Cotisation à recevoir	<i>Membership fees income</i>	40,000.00
Soutien SCNAT	<i>SCNAT Support</i>	-
Sponsoring	<i>Sponsoring</i>	3,000.00
Produits d'Intérêts	<i>Interest Incomes</i>	50.00
Bénéfice Congrès Annuel	<i>Annual Meeting Benefit</i>	
<b>TOTAL PRODUITS/ RECETTES</b>	<b>TOTAL INCOME</b>	<b>43,050.00</b>
<b>CHARGES/ DEPENSES</b>	<b>EXPENSES</b>	<b>CHF</b>
Organisation du Congrès Annuel	<i>Annual Meeting Organisation</i>	-
Déficit Congrès Annuel	<i>Annual Meeting Deficit</i>	-
Contribution SCNAT	<i>SCNAT Contribution</i>	-
Salaire net	<i>Net Salary</i>	27,000.00
Charges sociales (AVS, LPP ...)	<i>Social Charges</i>	8,000.00
Cours, Atelier, Symposium	<i>Course, Workshop, Symposium</i>	3,000.00
Voyages, frais de commission	<i>Travel, Commissions expenses</i>	2,000.00
Frais du comité SSM	<i>Committee Member fees</i>	4,000.00
SSM communication	<i>SSM communication</i>	8,000.00
Contribution de soutien et prix SSM	<i>Support contribution and SSM award</i>	8,500.00
Garantie de deficit SSM	<i>SSM Deficit Guaranty</i>	4,000.00
Subventions de voyage aux doctorants	<i>Travel grants</i>	6,000.00
Cotisations à payer	<i>Subscription Fees to pay</i>	8,000.00
Matériel de bureau et matériel informatique	<i>Office Supplies</i>	200.00
Charges de licence/Update- Site Web	<i>Web Site Fees</i>	1,000.00
Frais de port	<i>Postal Charges</i>	100.00
Frais Postfinance et Bancaires	<i>Postfinance and Bank Charges</i>	300.00
Dépenses Divers	<i>Others Expenses</i>	1,000.00
Honoraires pour fiduciaire	<i>Fiduciary Fees</i>	500.00
Charges pour organe de révision	<i>Audit Fees</i>	500.00
<b>TOTAL DEPENSES</b>	<b>TOTAL EXPENSES</b>	<b>82,100.00</b>
<b>PROFIT</b>	<b>PROFIT</b>	
<b>PERTE</b>	<b>LOSS</b>	<b>(39,050.00)</b>

## Report by the Commission “Prokaryotic Biology section” of the SSM

*Prof. Patrick Viollier*



*Commission members:*

*Hubert Hilbi (Zürich), Jan-Willem Veening (Lausanne), Patrick Viollier (Geneva).*

The undeniable highlight of 2017 is the award of the Nobel Prize in Chemistry 2017 to the vaudois native Jacques Dubochet (UNIL), along with Joachim Frank (Columbia University, USA) and Richard Henderson (MRC-Cambridge, UK) "for developing cryo-electron microscopy for the high-resolution structure determination of biomolecules in solution". Trained as a physicist, Jacques Dubochet joined the team of biophysicists led by Eduard Kellenberger to do his graduate work at the Molecular Biology Department of UNIGE, investigating the structure-function relationship of bacteriophage T4 by electron microscopy. His discovery of instantaneous vitrification without the formation of ice crystals for high resolution imaging of biological samples in a near-native state was subsequently made at the EMBL in Heidelberg and published in 1981. In 1987 he returned to Switzerland as a faculty member at UNIL. After Werner Arber, who received the Nobel Prize in Medicine 1978, Jacques Dubochet is the second Nobel laureate from the former phage research group of Eduard Kellenberger. Yet again, we thank phages for what they have done (and will still do) for mankind!

A highlight for 2018 is the EMBO workshop on Bacterial Persistence and Antimicrobial Therapy 2018 that will take place from 10th–14th of June– as Congressi Stefano Francini (ETHZ) in Ascona. The speaker line-up includes several representatives from industry and many basic scientists that conducted pioneering research on the persister phenotype which describes a state of dormancy protecting bacterial cells against the bacteriocidal action of many antibiotics. As most big pharmaceutical companies are no longer investing in antibiotic research, because of the high cost-low return of antibiotic licensing and development, public universities must sustain and augment research efforts in this domain. This event will thus provide an important impetus in this endeavor, while also highlighting recent advances in understanding this specialized physiological state in bacteria.

You will also find us at the LS2 Annual Meeting 2019 at UNIZH (14-15 February 2019 at the Irchel Campus) where we will represent the SSM with a symposium called "Bacterial Cell Biology" and we encourage many SSM members with a strong interest in cell biology to attend this important meeting from the unions of the Life Sciences Switzerland (LS2).

Lastly, for all social media geeks and addicts, we are delighted to report you that we are now (finally) also active in the twitterspace and we urge all our members (new and old) to follow our tweets on SWISS\_MICROBIOLOGY @SwissMicrobe ([www.twitter.com](http://www.twitter.com)).

*Patrick Viollier, Geneva, April 2018*

## Report by the Commission “Clinical Microbiology” of the SSM

*Prof. Jacques Schrenzel*



Commission members: Gladys Martinetti (EOLAB, Bellinzona), Meri Gorgievski (Bern), Nadia Liassine (Dianalabs, Genève), André Burnens (Synlab), Adrian Egli (Universitätsspital Basel), Hans Fankhauser (Kantonsspital, Aarau), Eric Grüter (Swissmedic, Bern), Hanspeter Marti (Swiss TPH, Basel), Martin Risch (Imz Dr Risch, Bern), Hans H. Siegrist (FAMH representative; ADMED, La Chaux-de-Fonds), Reinhard Zbinden (IMM, Zürich), Jacques Schrenzel (coordinator; HUG, Genève).

During the past period the committee met twice in May and November 2017.

The committee is very pleased to welcome PD Dr Adrian Egli as a new representative from Basel University Hospital. This will help keep balance between the different Swiss regions, since Hanspeter Marti (also from Basel, Swiss TPH) has retired by the end of 2017. We thank Hanspeter warmly for his constant support and helpful advices and wish him a wonderful continuation of his activities! Since 2018, Dr Marie-Lise Tritten (La Chaux-de-Fonds) will become the representative for parasitology in this committee.

The position of Swiss representative to the European clinical virology society has been attributed to Meri Gorgievski, for a new mandate.

The second part of the revision of laboratory testing (TransAL II) has been launched this year by the FOPH, with a three-step planning. Phase 1: Removal of obsolete analyses (to be completed in 2018). Phase 2: Review of current analyses as well as their reimbursement, especially in the field of molecular diagnostics. The commission is aware of the high political and societal pressure on costs and will actively help supporting this revision. Yet this should not lead to an oversimplification of the codes that are actively used for lab logistics (IT), for billing purposes, by insurances and very likely also for personalized medicine. Phase 3 (beyond 2018) will consider new analyses, including molecular panels, genomics and metagenomics analyses in microbiology.

The new FAMH programme for training in laboratory medicine is being applied by the FAMH committee of experts and the FAMH candidates.

The CCCM determines which parameters in microbiology are subject to compulsory external quality control within the scope of QUALAB (R. Zbinden). Its members also determine the pass/fail rates in close collaboration with the quality control centres.

The Swiss Antibiogram Committee (R. Zbinden et al.) has not met in 2017 since there were only minor changes in the EUCAST guidelines. Its role was essential for supporting the shift from CLSI to EUCAST guidelines and the committee would like to express its gratitude to Reinhard for his efforts. R. Zbinden represents Switzerland in the EUCAST plenum.

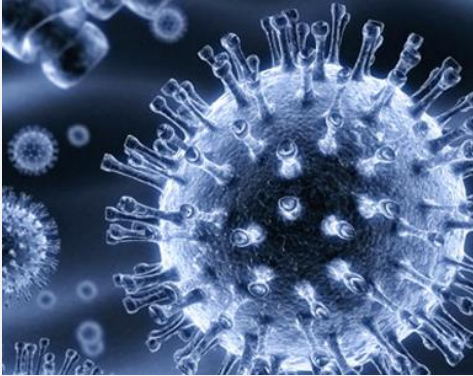
The federal programme determining a strategy against antibiotic resistance (StAR) which was initiated by the Federal Department of the Interior and the Federal Department of Economy is now developing with a microbiology group, led by the coordinator of "Clinical Microbiology" (JS), with Andrea Endimiani (Bern) as a substitute. Other members are; Andreas Kronenberg (ANRESIS), Stefan Kuster (SwissNoso), Patrice Nordmann (NARA), and Reinhard Zbinden (SAC).

Several SSM training courses in clinical microbiology were held in 2017, as well as meetings with the Swiss Society of Infectious Diseases (Club de pathologie des maladies infectieuses). The annual meeting of the SSM took place in Basel and was a real success. The sixth Journée romande de microbiologie diagnostique took place in October.

*Jacques Schrenzel, Geneva, April 2018*

## Report by the Commission “Virology” of the SSM

*Prof. Dr. Volker Thiel*



*Commission members: Stefan Kunz (Lausanne), Angela Ciuffi (Lausanne), Cornel Fraefel (Zürich), Matthias Schweizer (Bern), Caroline Tapparel Vu (Geneva), Thomas Klimkait (Basel), Jerome Gouttenoire (Lausanne), Urs Greber (Zürich), Volker Thiel (Bern).*

The Virology Section encompasses a broad variety of interests, ranging from basic research to diagnostic virology and from clinical interest to federal regulation.

The newly formed commission of the SSM Virology Section aims to provide a platform:

- for the exchange of news in the field
- for Swiss Virologist to facilitate various interaction and collaborations on all levels
- to distribute information concerning fundamental virology, clinical virology and virus diagnostics at Swiss institutions.

### **Activities:**

The 7th Swiss Virology Meeting was held from January 30th to January 31st, 2018 at the Au Parc Hotel in Fribourg, Switzerland.

As in previous Swiss Virology Meeting, the goal of this seventh national meeting in virology was to bring together a maximum number of research groups working in fundamental virology to promote interaction, exchange of ideas, and collaborations in an informal and collegial atmosphere.

The program covered all aspects of research in fundamental virology including virus host cell interaction, virus pathogenesis, anti-viral immunity, and applied virology. The format of the meeting consisted in selected plenary lectures combined with short talks selected from submitted abstracts and poster sessions.

The organizing and scientific committee with Angela Ciuffi (Lausanne University Hospital and University of Lausanne), Karin Metzner (University Hospital of Zurich), Cornel Fraefel (University of Zurich), Urs Greber (University of Zurich), Stefan Kunz (Lausanne University Hospital and University of Lausanne), Jérôme Gouttenoire (Lausanne University Hospital and University of Lausanne), Matthias Schweizer (University of Bern), and Caroline Tapparel Vu (University of Geneva) did again a great job in attracting many Swiss virology scientists and very interesting speakers. Highlights were the two plenary talks by Peter Stäheli - University of Freiburg, Germany, and Pierre Maillard - University College of London, United Kingdom.

Thanks to all participants and we are looking forward to seeing you again in 2020 in Thun.

*Volker Thiel, Bern, April 2018*

## Report by the Commission “Mycology” of the SSM

*Dr. Alix Coste*



*Commission members: Philipp Bosshard (Zürich), Claudio De Virgilio (Fribourg), Katia Gindro (Nyon), Michel Monod (Lausanne), Stefan Zimmerli (Bern), Alix Coste (Lausanne).*

In 2017, the Mycology section changed the leadership as Pr. Dominique Sanglard left his position to Dr. Alix T. Coste during the annual meeting held in Basel.

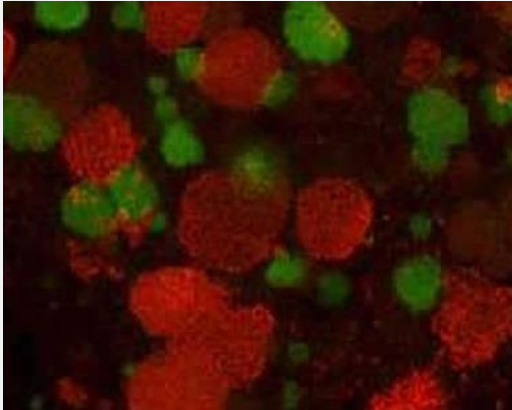
During 2017, the section prepared the organization of a mycology symposium during the satellite day taking place a day before the annual meeting, which will be held in Lausanne in August 2018. We decided to keep the format of the former satellite day organized in 2016 in Bern as it was fully appreciated.

During 2017, the mycology section of the SSM was approached to eventually organize the ISHAM (International Society of Human and Animal Mycology) meeting in 2024 in Switzerland. The SSM executive committee gave its support in the annual Basel meeting.

*Dominique Sanglard and Alix Coste, Lausanne, March 2018*

## Report by the Commission “Environmental Microbiology” of the SSM

*Dr. David Johnson*



*Commission members: Helmut Bürgmann (Kastanienbaum), Leo Eberl (Zürich), Christof Holliger (Lausanne), Pilar Junier (Neuchâtel), Sara Mitri (Lausanne), Jakob Pernthaler (Kilchberg), Mauro Tonolla (Bellinzona), Jan Roelof van der Meer (Lausanne), Julia Vorholt (Zürich), Franco Widmer (Zürich), Jakob Zopfi (Basel), Anita Narwani (Dübendorf), David Johnson (Dübendorf).*

In 2017, the Environmental Microbiology section organized a one-day satellite session in conjunction with the annual SSM meeting held in Basel. The satellite session was a success and brought together environmental microbiologists throughout Switzerland. This was the second time the Environmental Microbiology section held a satellite session and attendance was consistent with that for the previous year. The satellite session included a number of invited speakers and contributed oral presentations selected from the abstract submissions, all of which were of high quality and originality that represent important advances to the field.

A future event with relevance to the Environmental Microbiology section will be the biannual International Symposium on Microbial Ecology, which will take place in Leipzig, Germany in August. We expect numerous members of the SSM to attend the meeting and present their research at this important international congress.

Several notable developments occurred in 2017 regarding the commission of the Environmental Microbiology section of the SSM. First, Dr. David Johnson became the new section coordinator while Christof Holliger, the former coordinator, became the new treasurer. Second, two new members tentatively agreed to join the commission in 2018, Prof. Dr. Sara Mitri (University of Lausanne, Department of Fundamental Microbiology) and Dr. Anita Narwani (Eawag, Department of Aquatic Ecology). Both new members will strengthen expertise in important areas of Environmental Microbiology, including evolutionary ecology, synthetic ecology, mathematical modeling of community dynamics, and algal communities. We look forward to their contributions to the commission.

On behalf of the commission of Environmental Microbiology and the SSM, I would like to thank all members of the SSM community and the many individuals that contributed towards our work.

*David R. Johnson, Dübendorf, March 2018*

## Report by the Commission “Lay Communication” of the SSM

Dr. Karl Perron



Commission members: Massimo Caine (Geneva), Gilbert Greub (Lausanne), Carole Kebbi (Lausanne), Jacques Schrenzel (Geneva), Volker Thiel (Bern), Karl Perron (Geneva).

This new section has been launched last year with the aim to promote microbiology to a wider audience (schools and the general public) and to extend the visibility of the research performed by Swiss microbiologists. Even though the lay communication section is still in its stemming phase, since our last SSM general meeting we were able to achieve some important milestones:

### Milestones achieved:

- An SSM video prepared for the Antimicrobial resistance days has been published  
<https://www.rts.ch/play/tv/rts-decouverte/video/antibioresistance-etat-des-lieux?id=9074410&station=a9e7621504c6959e35c3ecbe7f6bed0446cdf8da>
- An article about the SSM and communication has been published in Pipette  
[https://www.sulm.ch/pipette\\_magazin/files/pipette/2017-05/pipette\\_5-2017-019\\_G-Greub\\_Communication-avec-le-grand-public-la-parole-aux-microbiologistes.pdf](https://www.sulm.ch/pipette_magazin/files/pipette/2017-05/pipette_5-2017-019_G-Greub_Communication-avec-le-grand-public-la-parole-aux-microbiologistes.pdf)
- Organization of the contest "Engage your audience" for the 2018 annual meeting  
<https://www.swissmicrobiology.ch/component/phocadownload/category/16-events?download=89:engage-your-audience>
- Organization of the communication session for the 2018 annual meeting

Looking at the future, our steering committee is actively discussing several actions aimed at consolidating the role of our section.

### **Future Objectives:**

- Increase the presence and activity of the SSM-outreach on the territory (broad public, schools, academic institution), in order to foster the interest for microbiology. In this direction a short teaser video which highlights our sections and their respectively main research should be performed.
- Stimulate researchers to share with the SSM community their science communication efforts and in disseminating their scientific research to a wider audience. To do this we envisage two possibilities: (i) consolidate the SSM Annual Congress Lay communication session: posters and short talks about science communication endeavors should be boosted (in this direction, an example of best practice has been put in place by Volker Thiel: <http://www.kultessen.ch/agenda/archiv/>) (ii) TheScienceBreaker (<https://thesciencebreaker.org/>) is a Swiss-Academic-based Outreach and Open-Access journal where it is possible to publish lay-summaries of published scientific articles. SSM scientists should consider the possibility to submit lay-summaries of their published research in order to increase their visibility and, at the same time, to engage themselves in an exercise of science communication.
- A dedicated webpage on lay-communication (similarly done by the UK Microbiology Society - <http://microbiologyonline.org/>) should be launched in order to engage a wider online audience among broad public, schools and young scientists about the different facets of microbiology.
- A Microbiology Day, on the well-established model of the Fascination of Plants Day (<http://www.plantday.org/>), should be discussed with the FEMS and/or initiated locally in Switzerland as a European-pilot initiative.

*Karl Perron, Geneva, April 2018*

## **News: The Swiss Society of Microbiology would like to approach more closely its members**

*Prof. Pilar Junier*



The strength of the SSM is the direct result of the active engagement and dynamism of its members. Therefore, the SSM board is strongly committed to foster the participation of its most junior members. Initiatives such as the *Encouragement Award* and *Travel grants* are part of this principle. However, we are also seeking the active involvement of our junior members in the governability of the SSM. For this we have made a call for PhD/Post-doc representatives to integrate the steering committee of the society. We have only partial success with this approach, and therefore we reiterate our call for interested junior members to contact the society and become part of the steering committee.

## **SSM MEMBERS**

### **Current list of “Honorary members”:**

- Prof. Dr. ARBER Werner
- Prof. Dr. Méd. BILLE Jacques
- Prof. Dr. PIFFARETTI Jean-Claude
- Prof. Dr. Méd. VON GRAEVENITZ Alexander
- Prof. Dr. ARAGNO Michel
- Prof. Dr. BACHOFEN Reinhard

### **Suggested new “Honorary member”:**

Gaby Pfyffer

## **New ordinary members**

- BOCK Florian
- BRODMANN Maj
- BRUDERER Vera
- CAINE Massimo
- COSTAFROLAZ Jordan
- CRISTINELLI Sara
- EMONET Stephane
- FEDELI Chiara
- GOUTTENOIRE Jérôme
- GROB René
- IMHO Alexander
- JORES Anne
- KANNAN Abhilash
- KEBBI BEGHDAI Carole
- KLIMKAIT Thomas
- MANI Bernhard
- METZER César
- MITRI Sara
- MORENO Hector
- NARWANI Anita
- NICHOLSON Pamela
- NORDMANN Patrice
- PERSAT Alexandre
- PFÄNDER Stephanie
- RIAT Arnaud
- ROSSI Pierre
- SCHMID Tobias
- SCHMUTZ Florian
- SCHREVENS Sanne
- SOBIERAJ Anna
- TARNAWSKI Sonia
- TSELIGKA Eirini
- VALENTINI Martina
- VESGA AGUADO Maria del Pilar

## **New collective member**

- SICHH

# Membership Form Application



## Application for membership of the Swiss Society for Microbiology

According to Art. 7 of the Articles of Association the undersigned wishes to apply for membership of the Swiss Society for Microbiology (SGM-SSM) as:

<b>Ordinary member</b> CHF 75.00 p.a.	<input type="checkbox"/>	<b>Collective member</b> CHF 300.00 p.a.	<input type="checkbox"/>
Last name		First name	
<input type="text"/>		<input type="text"/>	
<b>Academic qualification / title</b>		<b>Obtained from (Academic institution / year)</b>	
<input type="text"/>		<input type="text"/>	
Academic status today			
<input type="text"/>			
Address details for correspondence (preferably work/institution/company)			
<input type="text"/>		<b>E_mail:</b>	<input type="text"/>
		Phone business:	<input type="text"/>
		Phone private:	<input type="text"/>
		Phone mobile:	<input type="text"/>
		Fax business:	<input type="text"/>
Which section(s) you would you like to affiliate with (max. 2) ?			
<b>Clinical microbiology</b>	<input type="checkbox"/>	<b>Environmental microbiology</b>	<input type="checkbox"/>
		<b>Prokaryotic microbiology</b>	<input type="checkbox"/>
		<b>Virology</b>	<input type="checkbox"/>
		<b>Mycology</b>	<input type="checkbox"/>
Date		Signature	
<input type="text"/>		<input type="text"/>	
<b>Supporting member (1)</b>		<b>Supporting member (2)</b>	
<input type="text"/>		<input type="text"/>	
Signature:		Signature:	
<input type="text"/>		<input type="text"/>	

Please send or e-mail this form to the SGM-SSM secretariat:  
Nathalie MERMOUD/ Route d'Yverdon 3 / CH-1033 Cheseaux-sur- Lausanne  
secretary@swissmicrobiology.ch

## SSM AFFILIATIONS

The SSM is currently affiliated to the following societies:



- FEMS



- SCNAT



- UEMS



- ESCMID



- IUMS



- SULM



- European Society for Virology



- International Society for Human and Animal Mycology



- European Federation of Biotechnology

## CALENDAR OF UPCOMING EVENTS, SYMPOSIA, COURSES, WORKSHOPS

UPCOMING 2018 EVENTS	
<b>August – September 2018</b>	
02 AUG-05 AUG	Storytelling and Storyboarding Workshop
12 AUG-17 AUG	17th International Symposium on Microbial Ecology
20 AUG-24 AUG	EMBO Workshop on Cell and developmental systems
23 AUG-24 AUG	12th Applied Biosafety Meeting
<b>28 AUG – 30 AUG</b>	<b>SSM Annual meeting in Lausanne</b>
30 AUG	Conférence grand public : les jeux sur les microbes
30 AUG-02 SEPT	17th Asia-Pacific Congress of Clinical Microbiology and Infection cum 8th International Infection Control Conference
11 SEPT -14 SEPT	13th Edition of the International «Levures, Modèles et Outils» Conference
16 SEPT -21 SEPT	IWA World Water Congress & Exhibition 2018
17 SEPT -19 SEPT	International Meeting of the German Society for Cell Biology 2018
25 SEPT -28 SEPT	ESCMID Postgraduate Technical Workshop
<b>October 2018</b>	
03 OCT - 07 OCT	IDWeek 2018
04 OCT - 05 OCT	ATCIP Congress
18 OCT - 19 OCT	Third International Conference on clinical Metagenomics (ICCMg3)
UPCOMING 2019 EVENTS	
<b>January - February 2019</b>	
<b>30 JAN – 01 FEB</b>	<b>7th Swiss Microbial Ecology Meeting – SME 2019</b>
<b>April- May 2019</b>	
28 APR - 01 MAY	European Congress of Virology
<b>July 2019</b>	
07 JUL – 11 JUL	8th Congress of European Microbiologists
<b>September 2019</b>	
<b>03 SEPT – 04 SEPT</b>	<b>SSM 2019 Annual Meeting</b>

\*All events details can be found on our website <http://www.swissmicrobiology.ch/events/>

## TRAVEL GRANTS REPORTS 2017

The Swiss Society for Microbiology SGM-SSM can provide funding for activities related to the dissemination of scientific results by its members. To know more about the rules, please go to <https://www.swissmicrobiology.ch/society/grants>.

In 2017, the SSM provided 2 travel grants for the below beneficiaries followed by their respective reports:

- **Eric Delarze** to attend the 7th Advanced Lecture Course on Human Fungal Pathogens held in La Colle sur Loup, France, from 13th to 19th May 2017.
  
- **Sevasti Filippidou**, to attend the 19th International Conference on Bacilli and Gram-Positive bacteria held in Berlin, Germany, from 11<sup>th</sup> to 15<sup>th</sup> June 2017.

## 7<sup>th</sup> Advanced Lecture Course on Human Fungal Pathogens

La Colle sur Loup, France, 13-19 May 2017

Section Mycology

Author of report

Eric Delarze

Affiliation of author

Institute of  
Microbiology, University  
of Lausanne

Thanks to the financial support of the SSM, I had the great opportunity to participate to the 7<sup>th</sup> Advanced Lecture Course on Human Fungal Pathogens (HFP2017), organized by the FEBS, from the 13<sup>th</sup> to the 19<sup>th</sup> of May, at La Colle sur Loup, in the region of Nice, in France.

The congress started by a very interesting lecture by the Professor Alistair Brown, from Aberdeen, about the complexity of host-fungal pathogen interactions.

The next days were organized in two parts. Advanced lecture courses in the morning, divided in 6 different sessions on human fungal pathogens, starting with genomic and epidemiology of fungal pathogens, molecular and cellular biology, the development of new antifungal strategies, mycobiomes, and finally host-pathogen interaction with perspective from both sides of the balance.

The afternoons were dedicated to post-docs, PhD and Master students with selected lectures, poster talks and poster sessions where I had the opportunity to present my work about the mechanisms of tolerance to azole in the pathogenic yeast *Candida albicans*. In addition, I could discuss with experts on my field about my results and possible future experiments.

This congress also gave me the opportunity to meet people in the field of fungal molecular biology and pathogenesis and to make contact in labs from all around the world. The HFP2017 and the support from the SSM is of great value for the end of my thesis.



Group photo HFP2017, La Colle sur Loup (France)

## 19th International Conference on Bacilli and Gram-Positive bacteria

Berlin, 11th - 15th June 2017

*Prokaryotic Biology*

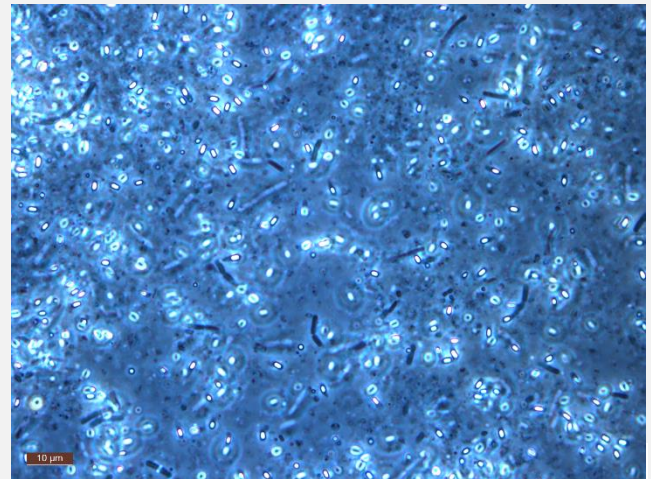
Author of report

Sevasti, Filippidou

Affiliation of author

Laboratory of  
Microbiology, University  
of Neuchatel

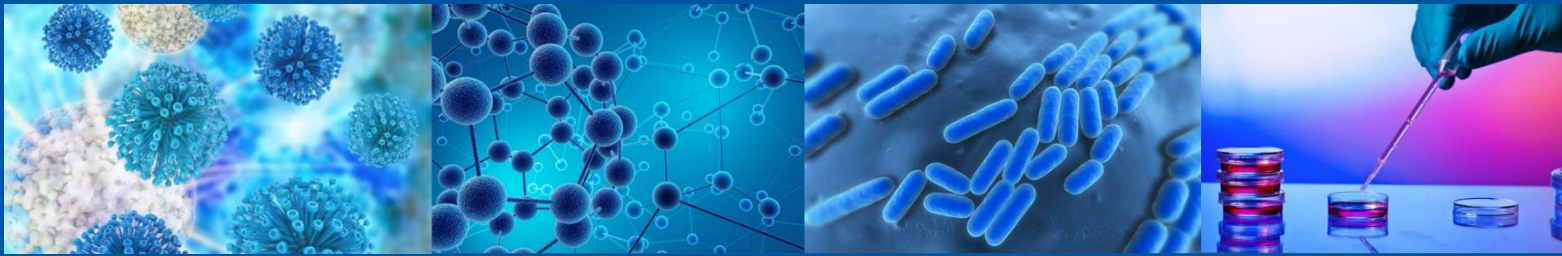
During the conference, the major advancements on Firmicute sporulation, cell division, stress response, biofilm formation, and pathogenicity were presented. In highlights, Richard Losick, as a keynote speaker, presented the latest discoveries on the onset of sporulation based on the stochastic activation of the *spo0A* gene, the master regulator of sporulation. He has shown for the first time how microfluidic technology could be applied to monitor the activation of this gene. Moreover, Carol Gross, presented the work of her laboratory on high throughput phenotyping of *B. subtilis* strain 168. She has highlighted the need to describe the complete gene functions and molecular pathways for the Gram positive model organism *Bacillus subtilis*, as it has been described in the past for the Gram negative model *Escherichia coli*.



*Kurthia* has been observed to form phase-bright spores at the contrast phase microscope. In this picture, *Kurthia* sp. strain 11kri321 is shown to sporulate after inoculation in a sporulation inducing medium.

At the 19th International conference on Bacilli and Gram-Positive bacteria, we presented our work on the genus *Kurthia*. We showed that this genus is a *cryptosporulant* lineage, rather than an *asporogenic* one. We have described the morphology of the vegetative cells (didermis) and the spores and we proposed a sporulation mechanism. The mechanism of sporulation differs significantly from that of *Bacillus subtilis*, but it is consistent with the morphology of the cell envelope. Our results confirm the existence of a missing derived cell envelope morphology in Firmicutes and the hypothesis that the last common ancestor of Firmicutes was a sporulating diderm. Our findings pave the path for further investigation in the origin of sporulation and the evolution of the cell envelope in Firmicutes.

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The current SSM annual report « INFO 66 » has been prepared by:

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Akademie der Naturwissenschaften  
Accademia di scienze naturali  
Académie des sciences naturelles